

Chapter 16-228 WAC GENERAL PESTICIDE RULES

Last Update: 10/31/25

WAC

16-228-1010	Definitions.
16-228-1020	What are the rights of complainants?
16-228-1030	What are the rights of person aggrieved?
16-228-1040	How soon must the department respond to a complaint?
16-228-1100	Basis for penalties.
16-228-1110	Definitions specific to penalties.
16-228-1115	Civil penalty may be issued prior to a notice of correction.
16-228-1120	Calculation of penalties.
16-228-1125	Revocation or denial of a license.
16-228-1126	Penalties for certain recordkeeping violations.
16-228-1127	Penalties for unlicensed using, handling, applying, distributing, or consulting about pesticides.
16-228-1128	Penalties for violations of chapter 16-233 WAC—Worker protection standard.
16-228-1129	Penalties for other violations of chapter 15.58 or 17.21 RCW, or the rules adopted thereunder.
16-228-1130	Penalty assignment schedules—Tables I, II, and III.
16-228-1131	Aggravating and mitigating factors.
16-228-1150	Other dispositions of alleged violations that the department may choose.
16-228-1200	What are the restrictions on pesticide distribution, transportation, application, storage and disposal?
16-228-1220	What are the restrictions applying to any person holding, handling, using, or disposing of pesticides and their containers?
16-228-1225	What are exceptions to label requirements?
16-228-1231	State restricted use pesticides for distribution by licensed pesticide dealers and for use by certified applicators only.
16-228-1235	When are pesticides containing the active ingredient clopyralid state restricted use pesticides?
16-228-12351	Who can distribute pesticides containing the active ingredient clopyralid?
16-228-12352	Distribution and use of pesticides containing the active ingredient clopyralid.
16-228-1237	What are the restrictions on the use of pesticides containing the active ingredient clopyralid when labeled for use on lawns and turf including golf courses?
16-228-12371	What requirements affect the use of pesticides containing the active ingredient clopyralid on golf courses?
16-228-1238	What are the restrictions on application of ziram to Bosc pears?
16-228-1250	What are the restrictions on phenoxy herbicides?
16-228-1260	What are the restrictions on the distribution of tributyltin products?
16-228-1262	When are pesticides containing the active ingredient thiamethoxam use restricted pesticides?
16-228-1264	What are the restrictions on the use of pesticides containing the active ingredient thiamethoxam when labeled for use on pome fruits, including apples and pears?
16-228-1266	What requirements must I comply with before making an application of a pesticide containing the active ingredient thiamethoxam to pome fruits, including apples and pears?
16-228-1270	Restrictions on the use of pesticides on seed alfalfa, seed clover, small seeded herb and vegetable seed crops, and seed garlic.
16-228-1300	Pesticide dealer recordkeeping requirements.
16-228-1320	Pesticide applicator recordkeeping requirements.
16-228-1322	What are the requirements for removal of landscape markers and notification of restricted entry?
16-228-1330	Pilot and aircraft requirements for pesticide applicators.
16-228-1370	What are the department requirements for a waste pesticide disposal program?
16-228-1380	What are the requirements for application of rodent control pesticides?

GENERAL PESTICIDE RULES—REGISTRATION

16-228-1400	What are the requirements for pesticide labels?
16-228-1410	What pesticides are considered home and garden use only pesticides?
16-228-1420	What are the requirements for complete pesticide formula?
16-228-1430	What is an adequate pesticide container?
16-228-1440	What pesticides must be artificially colored or have an odor added?
16-228-1450	What are the requirements for pesticide-fertilizer registration and labeling?
16-228-1455	What are the requirements on dry pesticide-fertilizer mixes?
16-228-1460	What are the requirements for experimental use permits?

GENERAL PESTICIDE RULES—LICENSING

16-228-1500	Denial, suspension, revocation of a pesticide license.
16-228-1520	What are the requirements for the commercial applicator's financial responsibility insurance certificate (FRIC)?
16-228-1530	Pesticide license renewals and penalties.
16-228-1540	Pesticide examination requirements.
16-228-1545	Pesticide licensing requirements for all certified applicators except private applicators, limited private applicators, and rancher private applicators.
16-228-15451	Standards for certification of commercial pesticide applicators, commercial pesticide operators, demonstration and research applicators, public operators, pest control consultants, and public pest control consultants.
16-228-1546	Private applicator license requirements.
16-228-15461	Standards for certification of private applicators.
16-228-1547	Dealer manager license requirements.
16-228-1548	Requirements for direct supervision of noncertified applicators by certified applicators.
16-228-1550	Apparatus display sign requirements.

16-228-1570 What are the circumstances when certification permits are used?
16-228-1585 Are ground maintenance persons exempt from licensing?
16-228-1590 What are the licensing requirements for pesticide dealers and dealer-manager businesses?

GENERAL PESTICIDE REGULATIONS—WOOD DESTROYING ORGANISMS

16-228-2005 Wood destroying organism inspections and reporting criteria.
16-228-2015 Wood destroying organisms.
16-228-2025 Conducive conditions.
16-228-2035 Complete wood destroying organism inspections.
16-228-2045 Complete wood destroying organism inspection reports.
16-228-2050 Specific wood destroying organism inspections.
16-228-2060 Specific wood destroying organism inspection reports.

DISPOSITION OF SECTIONS FORMERLY CODIFIED IN THIS CHAPTER

16-228-001 Promulgation. [Order 1470, § 16-228-001, filed 5/14/76.] Repealed by Order 1538, filed 7/29/77, effective 9/1/77.

16-228-003 Promulgation. [Order 1481, § 16-228-003, filed 7/15/76.] Repealed by WSR 88-14-074 (Order 1981), filed 7/1/88. Statutory Authority: Chapter 17.21 and 15.58 RCW.

16-228-010 Definitions. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 95-01-077 (Order 5060), § 16-228-010, filed 12/16/94, effective 1/16/95. Statutory Authority: Chapter 15.58 RCW and RCW 15.58.150. WSR 92-07-084, § 16-228-010, filed 3/17/92, effective 4/17/92. Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 89-24-029 (Order 2022), § 16-228-010, filed 11/30/89, effective 12/31/89; WSR 88-14-074 (Order 1981), § 16-228-010, filed 7/1/88. Statutory Authority: Chapter 17.21 RCW. WSR 85-17-044 (Order 1869), § 16-228-010, filed 8/16/85. Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 84-09-011 (Order 1817), § 16-228-010, filed 4/10/84; Order 1538, § 16-228-010, filed 7/29/77, effective 9/1/77; Order 1470, § 16-228-010, filed 5/14/76. Formerly WAC 16-220-200 (part).] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.

16-228-020 Pesticide licenses—Renewal dates—Penalties. [Statutory Authority: RCW 15.32.100, 15.32.110, 15.32.584, 69.07.040, 16.49.440, 16.49.630, 15.80.460, 15.80.470, 15.80.500, 16.58.060, 20.01.050, 22.09.050, 22.09.055, 22.09.070, 22.09.075, 17.21.070, 17.21.110, 17.21.126, 17.21.129, 17.21.220, 17.21.222, 15.58.200, 15.58.210, 15.58.220, 17.21.140 and 16.57.080. WSR 91-16-005 (Order 2091), § 16-228-020, filed 7/25/91, effective 8/25/91.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.

16-228-115 Pesticide labeling requirements. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 89-24-029 (Order 2022), § 16-228-115, filed 11/30/89, effective 12/31/89; WSR 84-09-011 (Order 1817), § 16-228-115, filed 4/10/84; Order 1470, § 16-228-115, filed 5/14/76. Formerly WAC 16-222-030.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.

16-228-116 Complete pesticide formula. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 89-24-029 (Order 2022), § 16-228-116, filed 11/30/89, effective 12/31/89.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.

16-228-117 Home and garden products—Definition—Registration fee. [Statutory Authority: Chapter 15.58 RCW. WSR 89-22-074 (Order 2019), § 16-228-117, filed 10/31/89, effective 12/1/89.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.

16-228-120 Artificial coloring. [Order 1470, § 16-228-120, filed 5/14/76. Formerly WAC 16-222-040.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.

16-228-125 Experimental use permits. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 84-09-011 (Order 1817), § 16-228-125, filed 4/10/84; Order 1470, § 16-228-125, filed 5/14/76. Formerly WAC 16-220-070.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.

16-228-130 Pesticide-fertilizer registration and labeling. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 84-09-011 (Order 1817), § 16-228-130, filed 4/10/84; Order 1470, § 16-228-130, filed 5/14/76. Formerly WAC 16-222-090.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.

16-228-140 Pesticide-fertilizer mix restrictions. [Order 1470, § 16-228-140, filed 5/14/76. Formerly WAC 16-222-100.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.

16-228-143 Pirt surcharge. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 89-24-029 (Order 2022), § 16-228-143, filed 11/30/89, effective 12/31/89.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.

16-228-145 Adequate containers. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 89-24-029 (Order 2022), § 16-228-145, filed 11/30/89, effective 12/31/89; Order 1470, § 16-228-145, filed 5/14/76. Formerly WAC 16-222-110.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.

16-228-14501 Sale or possession of sodium fluoracetate, fluoracetamide, and phosphorus pastes. [Order 1470, § 16-228-145 (codified as WAC 16-228-14501), filed 5/14/76. Formerly WAC 16-222-120.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.

16-228-150 Responsibilities of pesticide applicators, operators, pesticide dealers and pest control consultants in sales of pesticides and in recommendations and application of pesticides. [Order 1481, § 16-228-150, filed 7/15/76; Order 1470, § 16-228-150, filed 5/14/76. Formerly WAC 16-220-205 and 16-222-130.] Repealed by Order 1538, filed 7/29/77, effective 9/1/77.

- 16-228-155 Pesticides—Not for distribution to home and garden users. [Statutory Authority: RCW 15.58.040 (2)(h). WSR 98-15-026, § 16-228-155, filed 7/7/98, effective 8/7/98. Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 89-24-029 (Order 2022), § 16-228-155, filed 11/30/89, effective 12/31/89; WSR 84-09-011 (Order 1817), § 16-228-155, filed 4/10/84; Order 1538, § 16-228-155, filed 7/29/77, effective 9/1/77; Order 1470, § 16-228-155, filed 5/14/76. Formerly WAC 16-222-145.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-157 Waste pesticide disposal. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 89-24-029 (Order 2022), § 16-228-157, filed 11/30/89, effective 12/31/89; WSR 88-14-074 (Order 1981), § 16-228-157, filed 7/1/88.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-160 Restriction on distribution, transportation, storage and disposal. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 89-24-029 (Order 2022), § 16-228-160, filed 11/30/89, effective 12/31/89; WSR 88-14-074 (Order 1981), § 16-228-160, filed 7/1/88; WSR 84-09-011 (Order 1817), § 16-228-160, filed 4/10/84; Order 1538, § 16-228-160, filed 7/29/77, effective 9/1/77; Order 1470, § 16-228-160, filed 5/14/76. Formerly WAC 16-222-150.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-161 Distribution records. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 84-09-011 (Order 1817), § 16-228-161, filed 4/10/84.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-162 Phenoxy herbicide restrictions. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 89-07-006 (Order 1996), § 16-228-162, filed 3/3/89; WSR 84-09-011 (Order 1817), § 16-228-162, filed 4/10/84; WSR 80-03-040 (Order 1679), § 16-228-162, filed 2/20/80.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-164 State restricted use pesticides for use by certified applicators only. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 91-06-019 (Order 2073), § 16-228-164, filed 2/26/91, effective 3/29/91; WSR 89-24-029 (Order 2022), § 16-228-164, filed 11/30/89, effective 12/31/89; WSR 89-07-006 (Order 1996), § 16-228-164, filed 3/3/89.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-165 State restricted use pesticides for use by certified applicators only. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 88-14-074 (Order 1981), § 16-228-165, filed 7/1/88; WSR 84-09-011 (Order 1817), § 16-228-165, filed 4/10/84; WSR 80-03-040 (Order 1679), § 16-228-165, filed 2/20/80; WSR 79-05-003 (Order 1597), § 16-228-165, filed 4/10/79; Order 1538, § 16-228-165, filed 7/29/77, effective 9/1/77; Order 1470, § 16-228-165, filed 5/14/76. Formerly WAC 16-222-160 and 16-223-230.] Repealed by WSR 89-07-006 (Order 1996), filed 3/3/89. Statutory Authority: Chapters 17.21 and 15.58 RCW.
- 16-228-166 Aquatic pesticides. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 89-07-006 (Order 1996), § 16-228-166, filed 3/3/89.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-168 Change of exemptions. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 89-24-029 (Order 2022), § 16-228-168, filed 11/30/89, effective 12/31/89; WSR 84-09-011 (Order 1817), § 16-228-168, filed 4/10/84; Order 1538, § 16-228-168, filed 7/29/77, effective 9/1/77.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-170 Pesticide dealer and dealer manager licenses. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 89-24-029 (Order 2022), § 16-228-170, filed 11/30/89, effective 12/31/89; WSR 84-09-011 (Order 1817), § 16-228-170, filed 4/10/84; Order 1470, § 16-228-170, filed 5/14/76. Formerly WAC 16-222-170.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-172 Permits. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 84-09-011 (Order 1817), § 16-228-172, filed 4/10/84; Order 1538, § 16-228-172, filed 7/29/77, effective 9/1/77.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-174 Private commercial applicator license. [Order 1538, § 16-228-174, filed 7/29/77, effective 9/1/77.] Repealed by WSR 84-09-011 (Order 1817), filed 4/10/84. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-228-175 Distribution requirements for growth regulating herbicides to be used in counties located east of the crest of the Cascade Mountains. [Order 1470, § 16-228-175, filed 5/14/76. Formerly WAC 16-222-190.] Repealed by Order 1538, filed 7/29/77, effective 9/1/77.
- 16-228-176 Private applicator certification. [Order 1538, § 16-228-176, filed 7/29/77, effective 9/1/77.] Repealed by WSR 84-09-011 (Order 1817), filed 4/10/84. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-228-178 Demonstration and research applicator certification. [Order 1538, § 16-228-178, filed 7/29/77, effective 9/1/77.] Repealed by WSR 84-09-011 (Order 1817), filed 4/10/84. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-228-180 License denied, revoked or suspended. [Statutory Authority: Chapter 15.58 RCW and RCW 15.58.150. WSR 92-07-084, § 16-228-180, filed 3/17/92, effective 4/17/92. Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 89-24-029 (Order 2022), § 16-228-180, filed 11/30/89, effective 12/31/89; WSR 84-09-011 (Order 1817), § 16-228-180, filed 4/10/84; Order 1538, § 16-228-180, filed 7/29/77, effective 9/1/77; Order 1470, § 16-228-180, filed 5/14/76.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-185 Restrictions applying to any person holding, handling, using, or disposing of pesticides and their containers. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 89-24-029 (Order 2022), § 16-228-185, filed 11/30/89, effective 12/31/89; WSR 88-14-074 (Order 1981), § 16-228-185, filed 7/1/88; WSR 84-09-011 (Order 1817), § 16-228-185, filed 4/10/84; Order 1538, § 16-228-185, filed 7/29/77, effective 9/1/77; Order 1470, §

- 16-228-185, filed 5/14/76. Formerly WAC 16-222-180.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-190 Applicator requirements. [Statutory Authority: RCW 17.21.030 and 17.21.100. WSR 90-22-022 (Order 2057), § 16-228-190, filed 10/30/90, effective 11/30/90. Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 90-11-024, § 16-228-190, filed 5/9/90, effective 6/9/90; WSR 88-14-074 (Order 1981), § 16-228-190, filed 7/1/88; WSR 84-09-011 (Order 1817), § 16-228-190, filed 4/10/84; Order 1538, § 16-228-190, filed 7/29/77, effective 9/1/77; Order 1470, § 16-228-190, filed 5/14/76. Formerly chapter 16-222 WAC.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-195 Compliance with federal requirements. [Order 1470, § 16-228-195, filed 5/14/76.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-200 Low flying prohibitions. [Order 1470, § 16-228-200, filed 5/14/76.] Repealed by Order 1538, filed 7/29/77, effective 9/1/77.
- 16-228-210 Financial responsibility insurance certificate (FRIC). [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 88-14-074 (Order 1981), § 16-228-210, filed 7/1/88; WSR 84-09-011 (Order 1817), § 16-228-210, filed 4/10/84; Order 1470, § 16-228-210, filed 5/14/76.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-213 Requirements on placement of commercial applicator apparatus license plates and windshield identification. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 89-24-029 (Order 2022), § 16-228-213, filed 11/30/89, effective 12/31/89.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-214 Apparatus display signs. [Statutory Authority: Chapter 17.21 RCW. WSR 92-15-001, § 16-228-214, filed 7/1/92, effective 8/1/92.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-215 Application fee and FAA certificate. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 89-24-029 (Order 2022), § 16-228-215, filed 11/30/89, effective 12/31/89; WSR 88-14-074 (Order 1981), § 16-228-215, filed 7/1/88; Order 1470, § 16-228-215, filed 5/14/76.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-220 Examination requirements. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 89-24-029 (Order 2022), § 16-228-220, filed 11/30/89, effective 12/31/89; WSR 88-14-074 (Order 1981), § 16-228-220, filed 7/1/88; WSR 84-09-011 (Order 1817), § 16-228-220, filed 4/10/84; Order 1470, § 16-228-220, filed 5/14/76.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-223 Ground maintenance on an occasional basis—Exempt from licensing requirements. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 89-24-029 (Order 2022), § 16-228-223, filed 11/30/89, effective 12/31/89.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-225 Regulation of application of vertebrate control pesticides. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 89-24-029 (Order 2022), § 16-228-225, filed 11/30/89, effective 12/31/89; WSR 84-09-011 (Order 1817), § 16-228-225, filed 4/10/84; Order 1538, § 16-228-225, filed 7/29/77, effective 9/1/77; Order 1470, § 16-228-225, filed 5/14/76. Formerly WAC 16-220-210.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-227 Tributyltin. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 88-14-074 (Order 1981), § 16-228-227, filed 7/1/88.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-230 Special restrictions on the use of Compounds 1080, 1081 and phosphorus paste. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 84-09-011 (Order 1817), § 16-228-230, filed 4/10/84; Order 1470, § 16-228-230, filed 5/14/76. Formerly WAC 16-220-215.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-232 Chemigation. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 88-14-074 (Order 1981), § 16-228-232, filed 7/1/88.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-233 Investigative response time. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 89-24-029 (Order 2022), § 16-228-233, filed 11/30/89, effective 12/31/89.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-235 Purpose of rules—Endrin use. [Statutory Authority: Chapter 17.21 RCW. WSR 85-17-044 (Order 1869), § 16-228-235, filed 8/16/85. Statutory Authority: RCW 17.21.030. WSR 83-16-045 (Order 1805), § 16-228-235, filed 8/1/83.] Repealed by WSR 94-13-195, filed 6/21/94, effective 7/22/94. Statutory Authority: Chapter 17.21 RCW.
- 16-228-240 Endrin use in orchards—1983 to 1984. [Statutory Authority: RCW 17.21.030. WSR 83-16-045 (Order 1805), § 16-228-240, filed 8/1/83.] Repealed by WSR 85-17-044 (Order 1869), filed 8/16/85. Statutory Authority: Chapter 17.21 RCW.
- 16-228-245 Endrin application—Criteria for determining crisis use on orchards. [Statutory Authority: Chapter 17.21 RCW. WSR 85-17-044 (Order 1869), § 16-228-245, filed 8/16/85. Statutory Authority: RCW 17.21.030. WSR 83-16-045 (Order 1805), § 16-228-245, filed 8/1/83.] Repealed by WSR 94-13-195, filed 6/21/94, effective 7/22/94. Statutory Authority: Chapter 17.21 RCW.
- 16-228-250 Endrin—Written recommendation—Licensed consultant—Game representative. [Statutory Authority: Chapter 17.21 RCW. WSR 85-17-044 (Order 1869), § 16-228-250, filed 8/16/85. Statutory Authority: RCW 17.21.030. WSR 83-16-045 (Order 1805), § 16-228-250, filed 8/1/83.] Repealed by WSR 94-13-195, filed 6/21/94, effective 7/22/94. Statutory Authority: Chapter 17.21 RCW.

- 16-228-255 Endrin—Distribution—Dealer records. [Statutory Authority: Chapter 17.21 RCW. WSR 85-17-044 (Order 1869), § 16-228-255, filed 8/16/85. Statutory Authority: RCW 17.21.030. WSR 83-16-045 (Order 1805), § 16-228-255, filed 8/1/83.] Repealed by WSR 94-13-195, filed 6/21/94, effective 7/22/94. Statutory Authority: Chapter 17.21 RCW.
- 16-228-260 Endrin—Application restrictions. [Statutory Authority: Chapter 17.21 RCW. WSR 85-17-044 (Order 1869), § 16-228-260, filed 8/16/85. Statutory Authority: RCW 17.21.030. WSR 83-16-045 (Order 1805), § 16-228-260, filed 8/1/83.] Repealed by WSR 94-13-195, filed 6/21/94, effective 7/22/94. Statutory Authority: Chapter 17.21 RCW.
- 16-228-265 Endrin—Posting requirements. [Statutory Authority: Chapter 17.21 RCW. WSR 85-17-044 (Order 1869), § 16-228-265, filed 8/16/85. Statutory Authority: RCW 17.21.030. WSR 83-16-045 (Order 1805), § 16-228-265, filed 8/1/83.] Repealed by WSR 94-13-195, filed 6/21/94, effective 7/22/94. Statutory Authority: Chapter 17.21 RCW.
- 16-228-270 Permit. [Statutory Authority: RCW 17.21.030. WSR 83-16-045 (Order 1805), § 16-228-270, filed 8/1/83.] Repealed by WSR 85-17-044 (Order 1869), filed 8/16/85. Statutory Authority: Chapter 17.21 RCW.
- 16-228-275 Endrin—Applicator records. [Statutory Authority: Chapter 17.21 RCW. WSR 85-17-044 (Order 1869), § 16-228-275, filed 8/16/85. Statutory Authority: RCW 17.21.030. WSR 83-16-045 (Order 1805), § 16-228-275, filed 8/1/83.] Repealed by WSR 94-13-195, filed 6/21/94, effective 7/22/94. Statutory Authority: Chapter 17.21 RCW.
- 16-228-280 Endrin advisory committee. [Statutory Authority: RCW 17.21.030. WSR 83-16-045 (Order 1805), § 16-228-280, filed 8/1/83.] Repealed by WSR 85-17-044 (Order 1869), filed 8/16/85. Statutory Authority: Chapter 17.21 RCW.
- 16-228-285 Endrin use in orchards after December 31, 1984—Crisis permits—Permit requirements. [Statutory Authority: RCW 17.21.030. WSR 83-16-045 (Order 1805), § 16-228-285, filed 8/1/83.] Repealed by WSR 85-17-044 (Order 1869), filed 8/16/85. Statutory Authority: Chapter 17.21 RCW.
- 16-228-320 Heptachlor treated grain seed—Definition. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 79-07-090 (Order 1641), § 16-228-320, filed 6/29/79.] Repealed by WSR 99-07-113, filed 3/24/99, effective 4/24/99. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-228-330 Use and distribution. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 79-07-090 (Order 1641), § 16-228-330, filed 6/29/79.] Repealed by WSR 99-07-113, filed 3/24/99, effective 4/24/99. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-228-340 Establishing tolerances for the chemical ethylene dibromide (EDB). [Statutory Authority: Chapters 17.21 and 69.04 RCW. WSR 84-12-034 (Order 1827), § 16-228-340, filed 5/30/84.] Repealed by WSR 99-07-112, filed 3/24/99, effective 4/24/99. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-228-400 Inspection and reporting criteria for complete wood destroying organism inspections. [Statutory Authority: Chapter 15.58 RCW and RCW 15.58.150. WSR 92-07-084, § 16-228-400, filed 3/17/92, effective 4/17/92.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-410 Inspection and report prerequisite to wood destroying organism treatment. [Statutory Authority: Chapter 15.58 RCW and RCW 15.58.150. WSR 92-07-084, § 16-228-410, filed 3/17/92, effective 4/17/92.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-420 Limited wood destroying organism inspections. [Statutory Authority: Chapter 15.58 RCW and RCW 15.58.150. WSR 92-07-084, § 16-228-420, filed 3/17/92, effective 4/17/92.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-430 Reporting criteria for limited wood destroying organism inspections. [Statutory Authority: Chapter 15.58 RCW and RCW 15.58.150. WSR 92-07-084, § 16-228-430, filed 3/17/92, effective 4/17/92.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-600 Use of pesticides on small seeded vegetable seed crops and seed alfalfa. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 95-01-019 (Order 5064), § 16-228-600, filed 12/9/94, effective 1/9/95; WSR 88-21-098 (Order 1989), § 16-228-600, filed 10/19/88.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-650 Declaration of an agricultural emergency. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 95-01-077 (Order 5060), § 16-228-650, filed 12/16/94, effective 1/16/95.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-655 Agricultural activities permitted under an agricultural emergency. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 95-01-077 (Order 5060), § 16-228-655, filed 12/16/94, effective 1/16/95.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-660 Record keeping required for agricultural emergencies. [Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 95-01-077 (Order 5060), § 16-228-660, filed 12/16/94, effective 1/16/95.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-900 Penalties. [Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 89-24-029 (Order 2022), § 16-228-900, filed 11/30/89, effective 12/31/89. Statutory Authority: RCW 17.21.030. WSR 83-16-045 (Order 1805), § 16-228-900, filed 8/1/83.] Repealed by WSR 93-10-047, filed 4/29/93, effective 5/30/93. Statutory Authority: RCW 15.58.260 and 17.21.315.
- 16-228-905 Statement of purpose—Penalty assignment. [Statutory Authority: RCW 15.58.260 and 17.21.315. WSR 93-10-047, § 16-228-905, filed 4/29/93, effective 5/30/93.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.

- 16-228-910 Definitions—Penalty assignment. [Statutory Authority: RCW 15.58.260 and 17.21.315. WSR 93-10-047, § 16-228-910, filed 4/29/93, effective 5/30/93.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-915 Calculation of penalty. [Statutory Authority: RCW 15.58.260 and 17.21.315. WSR 93-10-047, § 16-228-915, filed 4/29/93, effective 5/30/93.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-920 Penalty assignment schedule—Table A. [Statutory Authority: RCW 15.58.260 and 17.21.315. WSR 93-10-047, § 16-228-920, filed 4/29/93, effective 5/30/93.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-925 Penalty assignment schedule—Table B. [Statutory Authority: RCW 15.58.260 and 17.21.315. WSR 93-10-047, § 16-228-925, filed 4/29/93, effective 5/30/93.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-930 Other dispositions of alleged violations. [Statutory Authority: RCW 15.58.260 and 17.21.315. WSR 93-10-047, § 16-228-930, filed 4/29/93, effective 5/30/93.] Repealed by WSR 99-22-002, filed 10/20/99, effective 11/20/99. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW.
- 16-228-1140 Penalty assignment schedule—Table B. [Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1140, filed 10/20/99, effective 11/20/99.] Repealed by WSR 01-01-058, filed 12/12/00, effective 1/12/01. Statutory Authority: Chapters 17.21 and 15.58 RCW.
- 16-228-1230 State restricted use pesticides for use by certified applicators only. [Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1230, filed 10/20/99, effective 11/20/99.] Repealed by WSR 00-22-073, filed 10/30/00, effective 11/30/00. Statutory Authority: Chapters 15.58, 17.21 RCW.
- 16-228-1240 Aquatic pesticides. [Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1240, filed 10/20/99, effective 11/20/99.] Repealed by WSR 00-22-073, filed 10/30/00, effective 11/30/00. Statutory Authority: Chapters 15.58, 17.21 RCW.
- 16-228-1385 Special restrictions on the use of Compounds 1080, 1081 and phosphorus paste. [Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1385, filed 10/20/99, effective 11/20/99.] Repealed by WSR 00-22-007, filed 10/20/00, effective 11/20/00. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-228-1555 Where must commercial applicator apparatus license plates and windshield identification be placed? [Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1555, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1555, filed 10/20/99, effective 11/20/99.] Repealed by WSR 25-22-065, filed 10/31/25, effective 1/1/26. Statutory Authority: RCW 17.21.030(2) and 15.58.040(2).
- 16-228-1580 Change of exemptions. [Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1580, filed 10/20/99, effective 11/20/99.] Repealed by WSR 00-22-073, filed 10/30/00, effective 11/30/00. Statutory Authority: Chapters 15.58, 17.21 RCW.
- 16-228-2000 Inspection and reporting criteria for complete wood destroying organism inspections. [Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-2000, filed 10/20/99, effective 11/20/99.] Repealed by WSR 02-24-025, filed 11/27/02, effective 12/28/02. Statutory Authority: RCW 15.58.040 and chapter 34.05 RCW.
- 16-228-2020 Inspection and report prerequisite to wood destroying organism treatment. [Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-2020, filed 10/20/99, effective 11/20/99.] Repealed by WSR 02-24-025, filed 11/27/02, effective 12/28/02. Statutory Authority: RCW 15.58.040 and chapter 34.05 RCW.
- 16-228-2030 Limited wood destroying organism inspections. [Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-2030, filed 10/20/99, effective 11/20/99.] Repealed by WSR 02-24-025, filed 11/27/02, effective 12/28/02. Statutory Authority: RCW 15.58.040 and chapter 34.05 RCW.
- 16-228-2040 Reporting criteria for limited wood destroying organism inspections. [Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-2040, filed 10/20/99, effective 11/20/99.] Repealed by WSR 02-24-025, filed 11/27/02, effective 12/28/02. Statutory Authority: RCW 15.58.040 and chapter 34.05 RCW.

WAC 16-228-1010 Definitions. The definitions in this section apply throughout this chapter, unless the context requires otherwise:

(1) "Above ground" means situated on the surface of the ground, not to include treatment of below ground tunnels, burrows, and nests.

(2) "Agricultural commodity" means any plant, part of a plant, animal, or animal product, produced by a person (including farmers, ranchers, vineyardists, plant propagators, Christmas tree growers, aquaculturists, floriculturists, orchardists, foresters, or other comparable persons) primarily for sale, consumption, propagation, or other use by people or animals.

(3) "Authorized agent" is any individual who is authorized to act on behalf of a certified applicator for the purpose of purchasing pesticides.

(4) "Bait box" for rodenticides is a box constructed of durable metal, wood, plastic, or other treated material. It shall be designed to hold rodent bait securely, allow rodents to enter and leave, and prevent unauthorized individuals and nonpest domestic animals from gaining access to the bait. Baits placed in industrial, commercial, or other areas that are accessible to the public shall be contained in tamper resistant bait boxes. Fragile materials are unacceptable.

(5) "Bait station" may be any location where baits are placed to allow target pests to gain access to the bait.

(6) "Blossoming plants" means:

(a) When there are five or more open blooms per square yard on average in a given field; or

(b) When there are one or more open blooms per tree or vine in an orchard or vineyard; or

(c) When there are five or more open weed blooms per square yard on average for the area being measured for groundcover in orchards or vineyards, fence lines, ditch banks, or field, vineyard, or orchard edges. This definition shall not apply to plants that are not attractive to bees (e.g., lentils, hops, peas (*Pisum* sp.), pears (second bloom), and potatoes). For the purposes of this definition, "bloom" means a flower head, raceme, or spike with one or more open flowers.

(7) "Bulk fertilizer" is a commercial fertilizer, agricultural mineral, or lime, distributed in nonpackaged form.

(8) "Certified applicator" means any individual who is licensed as a commercial pesticide applicator, commercial pesticide operator, public operator, private-commercial applicator, demonstration and research applicator, private applicator, or any other individual who is certified by the director to use or supervise the use of any pesticide which is classified by the EPA as a restricted use pesticide or by the state as restricted to use by certified applicators only.

(9) "Chemigation" means the application of any substance or combination of substances intended as a pesticide, plant or crop protectant, or a system maintenance compound applied with irrigation water.

(10) "Commercial vineyard" means a parcel of land from which the grape crop is intended to be sold to a processor, or intended to be used for commercial wine making, or intended for the commercial fresh market.

(11) A "complainant" is defined as a person who has requested an inspection of an area in which a pesticide violation is believed to have occurred.

(12) "Complete wood destroying organism inspection" means inspection for the purpose of determining evidence of infestation, damage, or conducive conditions as part of the transfer, exchange, or refinancing of any structure in Washington state. Complete wood destroying organism inspections must also include any wood destroying organism inspection that is conducted as the result of telephone solicitation by an inspector, pest control, or other business, even if the inspection would fall within the definition of a specific wood destroying organism inspection.

(13) "Controlled disposal site" means any place where solid or liquid waste is disposed of, provided that the area has been designated as a disposal site for waste materials by the appropriate jurisdictional agency. The site must be fenced, barricaded, or otherwise

enclosed or attended by some person in charge of controlling the access of domestic animals, pets, and unauthorized persons.

(14) "Department" means the Washington state department of agriculture.

(15) "Diluent" means a material, liquid or solid, serving to dilute the pesticide product to the application rate for adequate coverage.

(16) "Director" means the director of the department or a duly authorized representative.

(17) "Dry pesticide" is any granular, pelleted, dust, or wettable powder pesticide.

(18) "EPA" means the United States Environmental Protection Agency.

(19) "EPA restricted use pesticide" means any pesticide classified for restricted use by the administrator, EPA.

(20) "Fertilizer" as included in this chapter means any liquid or dry mixed fertilizer, fertilizer material, specialty fertilizer, agricultural mineral, or lime.

(21) "FIFRA" means the Federal Insecticide, Fungicide and Rodenticide Act as amended (61 stat. 163, 7 U.S.C. Sec. 136 net seq.).

(22) "Floor level" means the floor upon which people normally walk, excluding shelves, ledges, overhead beams, tops of stacked materials, surfaces of equipment, or similar places.

(23) "Food service establishment" means any fixed or mobile restaurant; coffee shop; cafeteria; short order cafe; luncheonette; grill; tearoom; sandwich shop; soda fountain; tavern; bar; cocktail lounge; nightclub; roadside stand; industrial-feeding establishment; retail grocery; retail food market; retail meat market; retail bakery; private, public, or nonprofit organization routinely serving food; catering kitchen; commissary or similar place in which food or drink is prepared for sale or for service on the premises or elsewhere; and any other eating or drinking establishment or operation where food is served or provided for the public with or without charge.

(24) "Fumigant" means any pesticide product or combination of products that is a vapor or gas or forms a vapor or gas on application and whose method or pesticidal action is through the gaseous state.

(25) "High volatile esters" are phenoxy hormone-type herbicides with five or less carbon atoms in the ester group, such as, but not limited to, methyl, ethyl, isopropyl, n-butyl, isobutyl, and n-pentyl.

(26) "Highly toxic pesticide" for the purpose of this chapter, means any pesticide that conforms to the criteria in 40 C.F.R. Sec. 156.10 for toxicity Category I due to oral, inhalation, or dermal toxicity.

(27) "Landscape application" means an application of any EPA registered pesticide to any exterior landscape plants found around residential property, commercial properties such as apartments or shopping centers, parks, golf courses, schools including nursery schools and licensed day cares, cemeteries, or similar areas. This definition shall not apply to: (a) Applications made by certified private applicators; (b) mosquito abatement, gypsy moth eradication, or similar wide-area pest control programs sponsored by governmental entities; and (c) commercial pesticide applicators making structural applications.

(28) "Loose bait" means pellet, grain, seed, meal, liquid, or any other form of bait that can be spilled or scattered, including bait packaged in a place pack. Loose bait does not include single-block, paste, or other single-piece types of bait.

- (29) "Low volatile esters" are phenoxy hormone-type herbicides with more than five carbon atoms in the ester group.
- (30) "Person" is defined as any individual, partnership, association, corporation, or organized group of persons whether incorporated.
- (31) A "person aggrieved" by a violation is defined as a person who has reasonable grounds to believe that they have been subjected to harm or an unreasonable risk by such a violation.
- (32) "Pollen shedding corn" means that stage of growth when 10 percent or more of the corn plants in any one quarter portion of the field are showing spike anthers.
- (33) "Positive identification" means a photo identification document issued by a U.S. government agency or affiliated jurisdiction (states, tribes, territories). Acceptable photo identification documents are a driver's license, passport, military ID card, or immigration green card. Exception: Nonphoto identification documents may be allowed for religious groups that prohibit members from having their picture taken. In this case, two forms of identification are required, one of which must be a government issued document with a signature (e.g., Social Security card). Other nonphoto identification must identify the holder by name and address (e.g., utility bill).
- (34) "Private applicator" means a certified applicator who uses or is in direct supervision of the use of any pesticide classified by the EPA or the director as a restricted use pesticide for the purposes of producing any agricultural commodity and for any associated noncrop application on land owned or rented by the private applicator or the applicator's employer or if applied without compensation other than trading of personal services between producers of agricultural commodities on the land of another person.
- (35) "Private-commercial applicator" means a certified applicator who uses or supervises the use of any pesticide classified by the EPA or the director as a restricted use pesticide for purposes other than the production of any agricultural commodity on lands owned or rented by the applicator or the applicator's employer.
- (36) "Properly secured" means firmly attached and fixed to a floor or other surface so that animals and children cannot overturn the bait box or displace the bait. In the case of liquid baits, the bait container must be firmly attached and fixed to a floor surface only.
- (37) "Specific wood destroying organism inspection" means an inspection of a structure for purposes of identifying or verifying evidence of an infestation of wood destroying organisms prior to pest management activities.
- (38) "State restricted use pesticide" means any pesticide determined to be a restricted use pesticide by the director under the authority of chapters 17.21 and 15.58 RCW.
- (39) "Structural pest inspector" means any individual who performs the service of conducting a complete wood destroying organism inspection or a specific wood destroying organism inspection.
- (40) "Unreasonable adverse effects on the environment" means any unreasonable risk to people or the environment considering the economic, social, and environmental costs and benefits of the use of any pesticide, or as otherwise determined by the director.
- (41) "Use restricted pesticide" means any pesticide determined by the director to need further state restrictions on use under the authority of chapters 17.21 and 15.58 RCW. This designation does not change federal or state restricted use classifications.

(42) "Waste pesticide" is any pesticide formulation which cannot be used according to label directions in Washington state because of cancellation or suspension of its federal or state registration or deterioration of the product or its label, and any pesticide formulation whose active ingredients are not clearly identifiable because of label deterioration or because the pesticide is not stored in its original container.

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-1010, filed 10/31/25, effective 1/1/26. Statutory Authority: Chapters 15.58, 17.21, and 34.05 RCW. WSR 10-15-015, § 16-228-1010, filed 7/8/10, effective 8/8/10; WSR 07-11-041A, § 16-228-1010, filed 5/9/07, effective 6/9/07; WSR 03-22-029, § 16-228-1010, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58, 17.21 RCW. WSR 00-22-073, § 16-228-1010, filed 10/30/00, effective 11/30/00. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1010, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1020 What are the rights of complainants? If an inspection is conducted by the department of an area in which a pesticide violation is believed to have occurred, a complainant shall:

(1) Be promptly provided by the department, with the department's decision, as set forth in the "notice of intent to assess civil penalty and/or deny, suspend, or revoke a license," or in any document issuing a warning or determination of no action. The department will endeavor to provide notice concurrently with the department's service of the document on the alleged violator.

(2) Be entitled, upon written request to the department, to have his or her name protected from disclosure in any communication with persons outside the department and in any record published, released, or made available pursuant to chapter 17.21 RCW: Provided that in any adjudicative proceeding under chapter 34.05 RCW the identity of complainant shall be disclosed to the alleged violator upon written request of the alleged violator.

(3) Be otherwise entitled to those rights of persons aggrieved as set forth in WAC 16-228-1030 except that the complainant shall be provided, automatically without request, a copy of the final department decision.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1020, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1020, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1030 What are the rights of person aggrieved? A person aggrieved shall:

(1) Be entitled to be notified promptly of any final action taken by the department concerning an investigation under chapter 17.21 RCW. The department will provide notice at the same time as a service of notice on the violator: Provided that such person has made timely written application to the department requesting such notice. Written application to the department requesting such notice shall be received no later than the date of service of a final order.

(2) Within thirteen calendar days of the date of mailing of a final order to a person aggrieved, the person aggrieved may request in writing that the director reconsider the matter, shall specify in writing why they believe the penalty decision is inappropriate, and the department will serve the request on the violator.

(3) Following the request in writing, the director will reconsider the entire matter including any written statement submitted by any party, and may adjust the penalty decision set forth in the final order if the director finds that the penalty was inappropriate.

(4) If such person is aggrieved by the director's order on reconsiderations, within twenty calendar days of service of the order he or she may request in writing an adjudicative proceeding under chapter 34.05 RCW, shall specify in writing why he or she believes the penalty decision is inappropriate, and the department shall serve the request on the alleged violator. The subject of such proceeding shall be limited to the appropriateness of the penalty decision of the director on reconsideration based on a review of the record as supplemented by any new evidence received by the presiding officer. The alleged violator shall be given notice and an opportunity to participate in the proceeding by the department. The proceeding shall be heard by a presiding officer who has not heard the adjudicative proceeding on the merits against the alleged violator. Chapter 34.05 RCW and chapter 16-08 WAC shall govern the conduct of such proceeding and any review.

(5) Upon the filing of any request for proceeding pursuant to subsection (2) of this section, any final order of the director shall be automatically stayed pending resolution of such request and expiration of any time period for pursuing additional relief. The director shall provide written notice to the alleged violator of any such resolution, thereby reinstating the rights of the alleged violator to seek further relief.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1030, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1030, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1040 How soon must the department respond to a complaint? Upon receipt of a verified report of loss as set forth in RCW 17.21.190 or alleged violation of chapters 17.21 or 15.58 RCW or the accompanying rules, the department shall initiate an investigation. Investigation of a complaint concerning immediate acute pesticide exposure to humans or animals shall be initiated immediately. Other complaint investigations shall be initiated no later than forty-eight hours after receipt of the verified report of loss.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1040, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58, 17.21 RCW. WSR 00-22-073, § 16-228-1040, filed 10/30/00, effective 11/30/00. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1040, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1100 Basis for penalties. For the purpose of fair, uniform determination of penalty as set forth in WAC 16-228-1110 through 16-228-1150, the director hereby declares:

(1) Regulatory action is necessary to deter violations of the pesticide laws and rules, and to educate persons about the consequences of such violation(s); and

(2) Any regulatory action taken by the department against any person who violates the provisions of chapter 15.58 or 17.21 RCW, or the rules adopted thereunder shall be commensurate with the seriousness of the violation under the circumstances; and

(3) Each person shall be treated fairly in accordance with the rules set forth in this chapter.

[Statutory Authority: RCW 15.58.040 and 17.21.030. WSR 23-04-041, § 16-228-1100, filed 1/26/23, effective 4/1/23. Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1100, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1100, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1110 Definitions specific to penalties. In addition to the definitions set forth in RCW 17.21.020, 15.58.030, and WAC 16-228-1010, the following shall apply to WAC 16-228-1100 through 16-228-1150:

(1) "Adverse effect(s)" means that the alleged activity or mishap actually causes or creates the possibility of damage, injury, or a public health threat to, or endangerment of, humans, animals, plants, property, the environment, or beneficial pollinating insects. This term includes circumstances when a wood destroying organism inspection has been performed in a faulty, careless or negligent manner.

(2) "Beneficial pollinating insects" means those insects commonly considered as pollinators. This term does not include any of the following:

(a) Insects in any life stage that are presenting a current harm to humans, animals, plants, property, or the environment;

(b) Insects in any life stage normally considered to be a pest;

(c) Insects which the director declares to be a pest; and

(d) Any pollinating insect that may be incidentally adversely affected by any properly licensed public health vector control program as a result of that program's normal operations done in compliance with the law and which operates with reasonable care.

(3) "Civil penalty" means a monetary penalty administratively issued by a regulatory agency for noncompliance with state or federal law, or rules. The term does not include any criminal penalty, damage assessment, wages, premiums, or taxes owed, or interest or late fees on any existing obligation.

(4) "Human exposure" means a pesticide exposure to humans caused by a violation of chapter 15.58 or 17.21 RCW, or the rules adopted thereunder.

(5) "Level of violation" means that the alleged violation is a first, second, third, or more violation(s). For purposes of calculating the level of violation, prior incidences will be measured from the date that a final order or stipulated order resolved the prior violation(s), and not from the date that the incident(s) occurred.

(a) "First violation" means the alleged violator has committed no prior incident resulting in a notice of intent within three years of committing the current alleged violation.

(b) "Second violation" means the alleged violator committed one prior incident resulting in a notice of intent within three years of committing the current alleged violation.

(c) "Third violation" means the alleged violator committed two or more prior incidents resulting in a notice of intent within three years of committing the current alleged violation.

(6) "License in good standing" means an unexpired license that is not currently suspended or revoked by the director.

(7) "Not probable" means that the alleged violator's conduct more likely than not did not or would not have caused an adverse effect.

(8) "Notice of correction" means a document issued by the department that describes a condition or conduct that is not in compliance with chapter 15.58 or 17.21 RCW, or the rules adopted thereunder, but that is not subject to civil penalties as provided for in RCW 43.05.110. A notice of correction is not a formal enforcement action, is not subject to appeal, and is a public record.

(9) "Notice of intent" means a document issued by the department that alleges specific violations of chapter 15.58 or 17.21 RCW, or the rules adopted thereunder. A notice of intent is a formal enforcement document issued with the intent to assess civil penalties to the alleged violator and/or to suspend, deny, or revoke the alleged violator's pesticide license.

(10) "Pesticide exposure" means intentional or unintentional contact with pesticides caused by a violation of chapter 15.58 or 17.21 RCW, or the rules adopted thereunder.

(11) "Probable" means that the alleged violator's conduct more likely than not did or would have caused an adverse effect.

(12) "Revoke" or "revocation" means the termination of a license for violations of chapter 15.58 or 17.21 RCW, or the rules adopted thereunder. The department will not reactivate revoked licenses.

(13) "Suspend" or "suspension" means the abeyance of a license for a specific period of time for violations of chapter 15.58 or 17.21 RCW, or the rules adopted thereunder. The department may reactivate suspended licenses following the period of suspension.

(14) "Unlicensed" means any person or apparatuses that does not hold or has not been issued a license in good standing for an activity where a license is required by chapter 15.58 or 17.21 RCW, or the rules adopted thereunder.

(15) "Violation" means commission of an act or acts prohibited by chapter 15.58 or 17.21 RCW, or the rules adopted thereunder.

[Statutory Authority: RCW 15.58.040 and 17.21.030. WSR 23-04-041, § 16-228-1110, filed 1/26/23, effective 4/1/23. Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1110, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 01-01-058, § 16-228-1110, filed 12/12/00, effective 1/12/01. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1110, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1115 Civil penalty may be issued prior to a notice of correction. (1) Pursuant to RCW 43.05.100 a notice of correction may be issued by the department when they become aware of conditions or conduct or both that are not in compliance with the applicable laws and rules enforced by the department. The issuance of a notice of correction by the department shall not constitute a previous violation for purposes of WAC 16-228-1110(5), but may, at the discretion of the

department, be considered as an aggravating factor for the purposes of WAC 16-228-1120(2).

(2) Prior to issuing a civil penalty for a violation of chapter 15.58 or 17.21 RCW, or the rules adopted thereunder, the department shall comply with the requirements of RCW 43.05.110. RCW 43.05.110 provides that the department of agriculture may issue a civil penalty provided for by law without first issuing a notice of correction if: (a) The person has previously been subject to an enforcement action for the same or similar type of violation of the same statute or rule or has been given previous notice of the same or similar type of violation of the same statute or rule; or (b) compliance is not achieved by the date established by the department in a previously issued notice of correction, if the department has responded to any request for review of such date by reaffirming the original date or establishing a new date; (c) the violation has a probability of placing a person in danger of death or bodily harm, has a probability of causing more than minor environmental harm, or has a probability of causing physical damage to the property of another in an amount exceeding \$1,000; or (d) the violation was committed by a business that employed 50 or more employees on at least one day in each of the preceding 12 months.

[Statutory Authority: RCW 15.58.040 and 17.21.030. WSR 23-04-041, § 16-228-1115, filed 1/26/23, effective 4/1/23. Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1115, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 01-01-058, § 16-228-1115, filed 12/12/00, effective 1/12/01.]

WAC 16-228-1120 Calculation of penalties. (1) For recordkeeping violations described in WAC 16-228-1126, licensing violations described in WAC 16-228-1127, and violations of chapter 16-233 WAC described in WAC 16-228-1128, the department will assess the civil penalty according to the schedule unless circumstances warrant a deviation from the penalty calculation rules as allowed under subsection (5) of this section.

(2) For the penalties assessed under WAC 16-228-1129, the department will select the level of violation and use the appropriate base penalty according to the type of pesticide violation as the starting point for calculating penalties. The base penalty shall be assessed unless either an adjustment is warranted, or there are aggravating or mitigating factors present, or both.

(3) Adjustment of base penalty for violations calculated under WAC 16-228-1129:

(a) The department reserves the right to increase the civil penalty and decrease the licensing action under certain circumstances. Such circumstances include situations where the licensing actions(s) are ineffective as a deterrent and include, but are not limited to:

(i) Violations involving unlicensed or during a license suspension;

(ii) Situations where the civil penalty assessed is not substantially equivalent to the economic benefit derived by the violator from the violation; and

(iii) Where the violation is the result of a business or other management decision(s).

(b) The department may decrease the civil penalty and increase the licensing action in circumstances that demonstrate the ineffectiveness of a civil penalty as a deterrent.

(4) Each violation of chapter 15.58 or 17.21 RCW, or the rules adopted thereunder, are separate and distinct violations. When a person has committed multiple violations in a single incident, each violation is individually and separately subject to the maximum civil penalty of \$7,500. Penalties for separate violations related to a single event are added together for the purpose of the notice of intent.

(5) The department may, in its discretion, deviate from the penalty calculation rules adopted in this chapter. The department has complied with these rules if it acknowledges the deviation and states its reasons for deviating from the penalty calculation rules in this chapter, in the notice of intent.

(6) Nothing in this chapter shall prevent the department from:

(a) Adjusting either a licensing action to a level greater than the maximum licensing action listed in any penalty assignment schedule, or a civil penalty to a level greater than the maximum civil penalty listed in any penalty assignment schedule; or

(b) Aggravating either a licensing action or civil penalty, or both, to either a level greater than the maximum licensing action listed in any penalty assignment schedule or a civil penalty to a level greater than the maximum civil penalty in any penalty assignment schedule or both.

(7) When adjusting a penalty, the department may aggravate, mitigate, or proportionally adjust either the civil penalty or the license suspension, or both. Generally, the department will aggravate, mitigate, or proportionally adjust both the civil penalty and the license suspension when the department determines such factors are present; however, the department retains the discretion to aggravate, mitigate, or proportionally adjust a civil penalty without also aggravating, mitigating, or proportionally adjusting the license suspension, and may aggravate, mitigate, or proportionally adjust the license suspension without aggravating, mitigating, or proportionally adjusting the civil penalty. In the event the department aggravates, mitigates, or proportionally adjusts either the civil penalty or the license suspension without aggravating, mitigating, or proportionally adjusting the other, the department will indicate its basis for doing so in the notice of intent.

[Statutory Authority: RCW 15.58.040 and 17.21.030. WSR 23-04-041, § 16-228-1120, filed 1/26/23, effective 4/1/23. Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1120, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 01-01-058, § 16-228-1120, filed 12/12/00, effective 1/12/01. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1120, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1125 Revocation or denial of a license. (1) The department retains the sole discretion to determine when an individual license should be revoked rather than suspended.

(a) The department may revoke a license when:

(i) The penalty schedule allows for revocation; or

(ii) One or more aggravating factors are present; or

(iii) The circumstances surrounding the violation are such that a suspension of the license will not serve as an adequate deterrent for future conduct.

(b) The department may in its discretion, revoke any or all licenses held by the person when this section permits revocation. Where the circumstances warrant revocation of more than one license held by the person, the department shall explain its reasons for revoking each license in its notice of intent.

(c) In circumstances where the department revokes a license, the department may order that person will not be granted new licensure or new license categories for a period of time. This period of ineligibility for the person to be granted a new license or category shall be determined at the discretion of the department, but shall not exceed five years.

(2) The department may deny an applicant a license when the applicant has committed a violation(s) of chapter 15.58 or 17.21 RCW, or the rules adopted thereunder. The duration of denial shall be determined based upon the penalty provisions of this chapter.

(a) Nothing shall prevent the department from denying an applicant a license when the applicant has an outstanding civil penalty owed to the department from a previous violation(s).

(b) The department may deny an application for a license when that person's license was revoked under subsection (1) of this section or when the department has prohibited a person from being issued a license for a period of time, and that time has not expired.

(3) The department may, at its discretion, suspend a license without also seeking a civil penalty. Such circumstances include, but are not limited to, those incidents where a civil penalty is not available as an appropriate penalty pursuant to RCW 43.05.110. The appropriate period of suspension shall be determined in accordance with the appropriate penalty schedule and the penalty provisions of this chapter.

[Statutory Authority: RCW 15.58.040 and 17.21.030. WSR 23-04-041, § 16-228-1125, filed 1/26/23, effective 4/1/23. Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. WSR 07-11-041A, § 16-228-1125, filed 5/9/07, effective 6/9/07; WSR 03-22-029, § 16-228-1125, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 17.21 and 15.58 RCW. WSR 01-01-058, § 16-228-1125, filed 12/12/00, effective 1/12/01.]

WAC 16-228-1126 Penalties for certain recordkeeping violations.

The department will assess a penalty of \$250 for failing to properly record the information required by RCW 17.21.100 (1)(a) through (j), WAC 16-228-1320 (1)(a) through (n), and WAC 16-228-1300 (1) through (8) unless circumstances warrant a deviation as allowed under WAC 16-228-1120(5), or the application of aggravating and mitigating factors as allowed by WAC 16-228-1131. Violations of other subsections of RCW 17.21.100, WAC 16-228-1320 and 16-228-1300 are assessed under WAC 16-228-1129.

[Statutory Authority: RCW 15.58.040 and 17.21.030. WSR 23-04-041, § 16-228-1126, filed 1/26/23, effective 4/1/23.]

WAC 16-228-1127 Penalties for unlicensed using, handling, applying, distributing, or consulting about pesticides. (1) Violations committed during the period when an individual's license is suspended shall be subject to the maximum civil penalty of \$7,500 or suspension of the license for a period of up to five years, or both.

(2) Violations committed following the revocation of a license, and where the previous licensee has not successfully obtained a new license, shall be subject to the maximum civil penalty of \$7,500 or an extension of the time during which the person is ineligible for reissuance of a license, or both. Violations are considered to be "operating without a license" for the purpose of RCW 17.21.320(4).

(3) Penalties for unlicensed use will be assessed according to the penalty assignment schedule in WAC 16-228-1130 Table I. The penalty schedule in WAC 16-228-1130 Table I does not apply to violations described in subsections (1) and (2) of this section.

(4) Nothing herein shall prevent the department from seeking an injunction against persons operating without a license as allowed under RCW 17.21.320(4).

[Statutory Authority: RCW 15.58.040 and 17.21.030. WSR 23-04-041, § 16-228-1127, filed 1/26/23, effective 4/1/23.]

WAC 16-228-1128 Penalties for violations of chapter 16-233 WAC—Worker protection standard. (1) Violations of WAC 16-233-211(1) are assessed under WAC 16-228-1129.

(2) Except for violations described in (1) of this section, violations of chapter 16-233 WAC are assessed in accordance with the penalty assignment schedule in WAC 16-228-1130 Table II.

[Statutory Authority: RCW 15.58.040 and 17.21.030. WSR 23-04-041, § 16-228-1128, filed 1/26/23, effective 4/1/23.]

WAC 16-228-1129 Penalties for other violations of chapter 15.58 or 17.21 RCW, or the rules adopted thereunder. (1) This section covers all violations of chapter 15.58 or 17.21 RCW, or the rules adopted thereunder, that do not have a more specific penalty assignment schedule described in WAC 16-228-1126, 16-228-1127, and 16-228-1128.

(2) The penalties in this section will be calculated by selecting the appropriate level of violation, then selecting the appropriate base penalty, and then adjusting the base penalty for aggravating and mitigating factors. The base penalty shall be assessed unless either a deviation is warranted or there are either aggravating or mitigating factors present, or both.

(3) Except as provided in WAC 16-228-1120(5), when penalties are calculated under this section, and the department determines that one or more aggravating factors are present, the department may increase the penalty by a factor of no more than 25 percent of the base penalty for each aggravating factor.

(4) Except as provided in WAC 16-228-1120(5), when penalties are calculated under this section, and the department determines that one or more mitigating factors are present, the department may decrease the penalty by a factor of no more than 25 percent of the base penalty for each mitigating factor.

(5) Violations described in this section are assessed in accordance with the penalty assignment schedule in WAC 16-228-1130 Table III.

[Statutory Authority: RCW 15.58.040 and 17.21.030. WSR 23-04-041, § 16-228-1129, filed 1/26/23, effective 4/1/23.]

WAC 16-228-1130 Penalty assignment schedules—Tables I, II, and III.

Table I Licensing Violations			
Level of Violation	Commercial Applicator Operating Unlicensed	Pesticide Dealer Distributing Restricted Use Pesticides Unlicensed	All Other Violations for Operating Unlicensed
First	\$2,500	\$1,000	\$1,000
Second	\$5,000	\$2,500	\$2,500
Third or more	\$7,500	\$5,000	\$5,000

Table II Worker Protection Standard Violations		
Level of Violation	WAC 16-233-021(6) providing emergency assistance. WAC 16-233-201 failure to provide sufficient training to handlers prior to mixing or applying category 1 pesticides, unless handler is exempt from training requirements. WAC 16-233-211 (3) and (4) monitoring handlers applying highly toxic and enclosed space fumigants. WAC 16-233-216 PPE for handlers. WAC 16-233-221 decontamination and eye flush for handlers. WAC 16-233-311 protection of early-entry workers.	All other violations of chapter 16-233 WAC, excluding WAC 16-233-211(1), that warrant a civil penalty
First	\$1,000	\$500
Second	\$2,000	\$750
Third or more	\$3,000	\$1,000

Table III Base Penalties			
Level of Violation	Human Exposure	Adverse Effects Probable (Other than Human Exposure)	Adverse Effects Not Probable
First	\$1,500 and five-day license suspension	\$1,000 and four-day license suspension	\$300
Second	\$3,000 and 10-day license suspension, denial, or revocation	\$2,000 and eight-day license suspension, denial, or revocation	\$600
Third or more	\$6,000 and 20-day license suspension, denial, or revocation	\$4,000 and 16-day license suspension, denial, or revocation	\$1,200 and three-day license suspension, denial, or revocation

[Statutory Authority: RCW 15.58.040 and 17.21.030. WSR 23-04-041, § 16-228-1130, filed 1/26/23, effective 4/1/23. Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1130, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 17.21 and

15.58 RCW. WSR 01-01-058, § 16-228-1130, filed 12/12/00, effective 1/12/01. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1130, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1131 Aggravating and mitigating factors. The department may consider the following factors when calculating penalties under WAC 16-228-1130. The department is not required to apply every aggravating or mitigating factor that may be present or relevant to a particular violation, and will only apply those factors that the department determines significantly affect a case or contribute to a particular violation.

(1) Aggravating factors. When calculating penalties under WAC 16-228-1130, the department may consider circumstances that warrant enhancing the penalty above base penalty. Aggravating factors include, but are not limited to, the following:

(a) The number of separate alleged violations contained within a single notice of intent.

(b) The high magnitude of the harm, or potential harm, including either the quantity or degree, or both, to humans, animals, plants, property, or the environment caused by the violation(s).

(i) Number of individuals directly exposed as a result of the violation. The department may aggravate the penalty for each individual exposed.

(ii) Number of individuals reporting verifiable health symptoms to the department or to the state department of health. The department may aggravate the penalty for each individual that reported verifiable symptoms.

(iii) Number of individuals requiring emergency medical treatment. The department may aggravate the penalty for each individual that required emergency medical treatment.

(c) The similarity of the current alleged violation to previous violations committed within the last six years, regardless of whether those violations resulted in notices of correction or notices of intent, and regardless of whether a notice of intent was resolved by a settlement unless otherwise expressly indicated in the agreement.

(d) The extent to which the alleged violation is part of a pattern of the same or substantially similar conduct.

(e) Lack of, or deficiency in, either training or supervision of operator(s), or both, regardless of whether the pesticide(s) applied required direct supervision of uncertified applicators.

(f) High pesticide toxicity. This may be indicated by a product's signal word or words on any pesticide label involved in the offending investigation including, but are not limited to, "Danger/Poison."

(g) One or more pesticides involved in the incident were state or federal restricted use pesticides.

(h) The high degree of visible and accessible damage that was not reported in conjunction with a complete wood destroying organism inspection, when the damage was located in an area that was not allowably excluded from inspection.

(i) The violation involved a careless or negligent operation.

(j) Inappropriate or insufficient equipment safeguards or operation including, but not limited to, the failure to properly calibrate and configure application equipment prior to application.

(k) Extent to which the location of the violation, including near sensitive areas or areas near human population, creates the potential for harm to the environment or human health or safety.

(l) False information provided to the department during an investigation of the violation.

(m) Applicator failed to follow advisory precautionary language on label, which impacted the violation.

(n) Except as exempted in WAC 16-228-1110(2), the violation had a direct adverse effect on bees, honey bees, or other beneficial pollinating insects.

(2) Mitigating factors. When calculating a penalty under WAC 16-228-1130, the department may consider circumstances that warrant reducing the penalty below the base penalty. Mitigating factors include, but are not limited to, the following:

(a) Voluntary disclosure by the violator of a violation.

(b) The low magnitude of the harm, or potential harm, including quantity and/or degree, caused by the violation.

(c) Safety protocol established and prevention measures taken prior to incident.

(d) Voluntary taking of remedial measures following the violation that will result in increased public protection or that will result in a decreased likelihood that the violation will be repeated.

(e) Good faith efforts of the violator to comply with the pesticide laws and rules that are applicable to the violation and the application was made in a careful and safe manner.

(f) Violator did not, and could not with exercise of reasonable diligence, have known the risk of the application to safety, human health, or property.

(g) Low toxicity of pesticide involved. This may be indicated by the lack of a label signal word, or the signal word "Caution" on all pesticides involved.

(h) Applicator followed advisory precautionary language on label, which impacted the violation.

[Statutory Authority: RCW 15.58.040 and 17.21.030. WSR 23-04-041, § 16-228-1131, filed 1/26/23, effective 4/1/23.]

WAC 16-228-1150 Other dispositions of alleged violations that the department may choose. Nothing herein shall prevent the department from:

(1) Choosing not to pursue a civil penalty, license suspension or license revocation.

(2) Issuing a notice of correction in lieu of pursuing a civil penalty, license suspension or license revocation.

(3) Negotiating settlement(s) of cases on such terms and for such reasons as it deems appropriate. Violation(s) covered by a settlement agreement for a previous violation may be used by the department for the purpose of determining the appropriate penalty for the current alleged violation(s) if not expressly prohibited by the agreement.

(4) Referring violations or alleged violations, to any federal, state or county authority with jurisdiction over the activities in question including, but not limited to, the Environmental Protection Agency (EPA), the Federal Aviation Administration (FAA), or criminal prosecutors for criminal dispositions.

[Statutory Authority: RCW 15.58.040 and 17.21.030. WSR 23-04-041, § 16-228-1150, filed 1/26/23, effective 4/1/23. Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1150, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 17.21 and

15.58 RCW. WSR 01-01-058, § 16-228-1150, filed 12/12/00, effective 1/12/01. Statutory Authority: Chapters 15.58, 17.21 RCW. WSR 00-22-073, § 16-228-1150, filed 10/30/00, effective 11/30/00. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1150, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1200 What are the restrictions on pesticide distribution, transportation, application, storage and disposal? (1) No person shall handle, transport, store, display, apply, dispose of or distribute pesticides in such a manner as to endanger humans and their environment or to endanger food, feed, or any other product that may be transported, stored, displayed, or distributed with such pesticides. Toxicities of pesticides shall be considered in distribution, storage, handling, and merchandising practices.

(2) Highly toxic pesticides shall not be transported in the same compartment of the vehicle or other equipment together with clothes, food, feed, or any other material intended for consumption by humans or animals. Any vehicle or other equipment shall be inspected by the owner or authorized agent for contamination before reuse. In instances where leakage or spillage has occurred, the shipper of the pesticides shall be immediately notified for instructions concerning the best method to be employed for the removal of the contamination. Vehicles or other equipment which have been contaminated shall not be returned to service until the contamination has been removed.

(3) Pesticide containers shall be secured during transit by use of side or end racks, bracing, chocks, tiedowns, or other means to prevent their sliding, falling, tipping, rolling, or falling off the vehicle with normal vehicle acceleration, deceleration, or change in direction.

(4) Valves shall be tightly closed and manhole covers shall be secured on cargo, portable and permanent tanks used for transporting, storage and application of pesticides, whether tanks are full or empty.

(5) Portable tanks shall be secured to prevent their sliding, falling, tipping, or rolling with normal vehicle acceleration, deceleration, or change in direction. Ends, sidewalls, or doors of van bodies shall not be relied upon for securement.

(6) Pesticides shall not be delivered to a pesticide consignee unless the consignee or authorized agent is present to accept delivery of the pesticides and signs a delivery slip or the pesticides are secured in a proper storage. Signed delivery slips shall be maintained as required by WAC 16-228-1300 for records.

(7) Pesticides shall not be stored and/or displayed over or adjacent to meat or vegetable cases, other human foods, animal feeds, or drugs, or in any manner that may result in contamination of food, feed, or clothing. Pesticides intended for sale or distribution shall only be stored and displayed within an enclosed area of a building or fence and shall not be displayed on sidewalks.

(8) Pesticide dealers shall not sell, offer for sale, or hold for sale highly toxic pesticides in the same department where food for human consumption is displayed or sold. The same "checkstand" or food packaging area may not be used for the distribution of highly toxic pesticides and food for human consumption.

(9) All pesticide incidents involving undesirable impacts on human health shall be reported to the Washington state department of health by the department.

(10) Pesticides in leaking, broken, corroded, or otherwise damaged containers shall not be displayed, offered for sale, or transported and shall be handled or disposed of in a manner that would not contaminate the environment or cause injury to humans and/or animals. Pesticides with obscured, illegible or damaged labels shall not be displayed or offered for sale.

(11) No person shall distribute or sell any pesticide unless it is in the registrant's or the manufacturer's unbroken, immediate container and the registered pesticide label is affixed to the container.

(12) A user of a pesticide may distribute a properly labelled pesticide to another user who is legally entitled to use that pesticide without obtaining a pesticide dealer's license if the exclusive purpose of distributing the pesticide is keeping it from becoming a hazardous waste as defined in chapter 70.105 RCW.

(13) The distribution and use of DDT and DDD shall be prohibited in this state except for uses allowed by the Environmental Protection Agency or the Center for Disease Control of the United States Department of Health and Human Services.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. WSR 07-11-041A, § 16-228-1200, filed 5/9/07, effective 6/9/07; WSR 03-22-029, § 16-228-1200, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58, 17.21 RCW. WSR 00-22-073, § 16-228-1200, filed 10/30/00, effective 11/30/00. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1200, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1220 What are the restrictions applying to any person holding, handling, using, or disposing of pesticides and their containers?

(1) Any person handling, applying, or disposing of pesticides or pesticide containers shall do so in such a manner to minimize hazard to commercially important pollinating insect species. Due care shall be taken to regulate the timing and technique of pesticide applications to or around blossoming plants and pollen shedding corn. The use or application of microencapsulated methyl parathion, either directly or through drift, shall be prohibited on all blossoming plants and on pollen shedding corn.

(2) No person shall transport, handle, store, load, apply, or dispose of any pesticide, pesticide container or apparatus in such a manner as to pollute water supplies or waterways, or cause damage or injury to land, humans, desirable plants and animals, or wildlife. Provided that a pesticide labeled for aquatic use and used as directed shall not be considered a violation of this subsection: Disposing of pesticides at disposal sites approved by the appropriate agency complies with the requirements of this subsection. Toxicity, volatility, and mobility of pesticides shall be considered in complying with this subsection.

(3) No person shall pollute streams, lakes, and other water supplies in pesticide loading, mixing, and application. Adequate, functioning devices and procedures to prevent backsiphoning shall be used.

(4) No pesticides shall be applied by aircraft or airblast sprayers to property abutting and adjacent to occupied schools in session, hospitals, nursing homes or other similar establishments under conditions that may result in contamination of these establishments or their premises.

(5) No person shall apply pesticides if weather conditions are such that physical drift or volatilization may cause damage to adjacent land, humans, desirable plants or animals.

(6) Requirements for unattended pesticides and their containers:

(a) Good generally accepted housekeeping practices shall be maintained for all pesticides and their containers.

(b) The provisions of (d) and (e) of this subsection and subsection (7) of this section shall not apply to empty pesticide containers when adequately decontaminated (e.g., a minimum of three successive rinsings); and shall not apply to categories 2, 3, and 4 pesticide formulations labeled for home and garden use only.

(c) For the purposes of (d) and (e) of this subsection and subsection (7) of this section, pesticides and their containers at the loading area shall not be considered unattended during the spraying operation if the operator maintains either visual control or repeatedly returns at closely spaced intervals.

(d) Pesticides labeled with the signal word "danger/poison" and their containers shall be stored in one of the following enclosures which, when unattended, shall be so constructed and locked (except (v) below) to prevent children, unauthorized persons, livestock, or other animals from gaining entry.

(i) Closed vehicle.

(ii) Closed trailer.

(iii) Building or room or fenced area with a fence at least six feet high.

(iv) Foot locker or other container which can be locked.

(v) Unattended trucks or trailers which have solid sideracks and secured tailgate at least six feet above ground, ramp or platform level.

(vi) Bulk storage containers fifty gallons and larger with tight screw-type bungs and/or secured or locked valves.

(e) Pesticides labeled with the signal word "danger" when not accompanied by the signal word "poison," pesticides labeled with the signal word "warning" and pesticides labeled with the signal word "caution" and their containers shall be stored in secured storage out of the reach of children in one of the enclosures listed in (d) of this subsection: Provided that metal containers, twenty-eight gallons and larger, with tight screw-type bungs and/or secured or locked valves shall be considered secured storage.

(7) Requirements for posting of storage area for pesticides and their containers labeled with the signal words "danger/poison":

(a) For purposes of this subsection, warning signs shall show the skull and crossbones symbol and the words: "Danger/Poison (or Pesticide or Chemical) Storage Area/Keep Out" in letters large enough to be legible at a distance of thirty feet.

(b) Warning signs shall be posted:

(i) On enclosures specified in subsection (6)(d) of this section, when such enclosures are unattended;

(ii) At each entrance or exit from a storage area and on each exterior wall, so that a sign is visible from any direction;

(iii) If the pesticide storage area is contained in a larger, multipurpose structure, warning signs shall be clearly visible on each exterior wall of the structure within thirty feet of the pesticide storage area and from the main entrance to the larger structure: Provided that posting of the main entrance shall not be required, if a sign is visible from the entrance which clearly identifies the possi-

bility that pesticides may be stored on the premises, (i.e., XYZ Pest Control or XYZ Wood Treatment, Inc.);

(8) No person shall disperse a pesticide or pesticide rinsate from any aircraft while in flight except over the target field and at the customary application height for that crop: Provided that emergency dumping shall not be considered a violation of this section.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1220, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 00-22-074, § 16-228-1220, filed 10/30/00, effective 11/30/00. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1220, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1225 What are exceptions to label requirements? The term "to use any registered pesticide in a manner inconsistent with its labeling" means to use any registered pesticide in a manner not permitted by the labeling, except that the term shall not include:

(1) Applying a pesticide at any dosage, concentration or frequency less than that specified on the labeling unless the labeling specifically prohibits deviation from the specified dosage, concentration or frequency;

(2) Applying a pesticide against any target pest not specified on the labeling if the application is to the crop, animal or site specified on the labeling, unless the department or EPA has required that the labeling specifically state that the pesticide may be used only for the pests specified on the labeling;

(3) Employing any method of application not prohibited by the labeling unless the labeling specifically states that the product may only be applied only by the methods specified on the labeling, (chemigation applications are prohibited unless the label has chemigation use directions); and

(4) Mixing a pesticide or pesticides with a fertilizer when such mixture is not prohibited by the labeling.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1225, filed 10/28/03, effective 11/28/03.]

WAC 16-228-1231 State restricted use pesticides for distribution by licensed pesticide dealers and for use by certified applicators only.

(1) Pesticides defined by the following categories or active ingredients are hereby declared state restricted use pesticides and shall be distributed only by licensed pesticide dealers to licensed pesticide dealers, certified applicators, or to their duly authorized agents. The certified applicator must have a valid certification, license, or permit to use or purchase the kind and quantity of such pesticide sold or delivered. These pesticides shall be used or applied only by certified applicators or persons under the direct supervision of a certified applicator, and only for those uses covered by the certified applicator's license category.

(a) Any EPA restricted use pesticide.

(b) All formulations of phenoxy hormone-type herbicides (e.g., 2,4-D, 2,4-DB, 2,4-DP (dichlorprop), MCPA, MCPB, MCPP (mecoprop)) and dicamba when distributed in counties located east of the crest of the Cascade Mountains except as listed below:

(i) Salt formulations, including amine and sodium, distributed in quantities of one gallon or less;

(ii) Dry formulations of phenoxy hormone-type herbicides (e.g., 2,4-D, 2,4-DB, 2,4-DP (dichlorprop), MCPA, MCPB, MCPP (mecoprop)) and dicamba labeled and intended only for home and garden use or for turf;

(iii) Ready to use liquid formulations of phenoxy hormone-type herbicides (e.g., 2,4-D, 2,4-DB, 2,4-DP (dichlorprop), MCPA, MCPB, MCPP (mecoprop)) and dicamba distributed in quantities of five gallons or less. For purposes of this subsection, ready to use means a pesticide that is applied directly from its original container consistent with label directions.

(c) Strychnine and its salts.

(d) Aquatic pesticides. All pesticides formulations labeled for application onto or into water to control pests on or in water except as provided in subsection (2) of this section.

(2) Pesticides which are not classified as EPA restricted use pesticides and which are labeled and intended only for the following aquatic uses shall be exempt from the requirements of this section:

(a) Swimming pools;

(b) Wholly impounded ornamental pools or fountains;

(c) Aquariums;

(d) Closed plumbing and sewage systems;

(e) Enclosed food processing systems;

(f) Air conditioners, humidifiers, and cooling towers;

(g) Industrial heat exchange, air washing and similar industrial systems;

(h) Disinfectants;

(i) Aquatic environments in states other than Washington;

(j) Animal pets;

(k) Use within wholly enclosed structures (with floors) or fumigation chambers. Greenhouses are not considered as wholly enclosed structures for the purposes of this section; and

(1) Home and garden control of mosquito larvae.

(3) Pesticides containing the following active ingredients and their isomers are declared state restricted use pesticides for the protection of groundwater except when labeled and intended only for home and garden use:

Atrazine;

Bromacil;

DCPA;

Disulfoton;

Diuron;

Hexazinone;

Metolachlor;

Metribuzin;

Picloram;

Prometon;

Simazine; and

Tebuthiuron.

(4) Distribution of pesticides bearing combined labeling of uses onto or into water plus nonaquatic general uses, may be made by licensed pesticide dealers to noncertified applicators if the dealer indicates on the sales slip or invoice that the purchaser of the pesticide agrees that it will not be applied into or onto water. If requested by the department, dealers shall furnish records on the sales of pesticides labeled for application onto or into water, whether sold for that use or not. Records shall include the name and address of the

purchaser, the complete product name and EPA registration number of the pesticide and the amount purchased. Records shall be kept for seven years from the date of distribution.

(5) Certified applicators may designate authorized agent(s) for the purpose of purchasing or receiving restricted use pesticides by making previous arrangements with the pesticide dealer, or the authorized agent may provide written authorization by the certified applicator to the dealer at the time of purchase. At the time of purchase by an authorized agent the pesticide dealer shall require the certified applicator's name and license number and positive identification of the authorized agent.

(6) Pesticide dealers must positively identify unknown purchasers of restricted use pesticides. Positive identification may be annually at the time of verification of the certified applicator's license number or for each individual purchase if the applicator is unknown to the dealer. Dealers must verify the identification of unknown purchasers of restricted use pesticides for telephone or electronic purchases either by fax (photo identification) or at the time of delivery.

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-1231, filed 10/31/25, effective 1/1/26. Statutory Authority: RCW 15.58.040, 17.21.030 and chapter 34.05 RCW. WSR 14-08-095, § 16-228-1231, filed 4/2/14, effective 5/3/14. Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. WSR 07-11-041A, § 16-228-1231, filed 5/9/07, effective 6/9/07; WSR 03-22-029, § 16-228-1231, filed 10/28/03, effective 11/28/03. Statutory Authority: RCW 15.58.040 and chapter 34.05 RCW. WSR 03-05-034, § 16-228-1231, filed 2/11/03, effective 3/14/03. Statutory Authority: Chapters 15.58 and 34.05 RCW. WSR 02-04-041, § 16-228-1231, filed 1/29/02, effective 3/1/02. Statutory Authority: Chapters 15.58, 17.21 RCW. WSR 00-22-073, § 16-228-1231, filed 10/30/00, effective 11/30/00.]

WAC 16-228-1235 When are pesticides containing the active ingredient clopyralid state restricted use pesticides? Pesticides containing the active ingredient clopyralid are declared to be state restricted use pesticides when labeled for use on cereal grains, grass used for hay, lawns and turf including golf courses.

[Statutory Authority: Chapters 15.58, 17.21, and 34.05 RCW. WSR 02-12-017, § 16-228-1235, filed 5/28/02, effective 6/28/02.]

WAC 16-228-12351 Who can distribute pesticides containing the active ingredient clopyralid? Only licensed pesticide dealers can distribute pesticides containing the active ingredient clopyralid.

[Statutory Authority: Chapters 15.58, 17.21, and 34.05 RCW. WSR 02-12-017, § 16-228-12351, filed 5/28/02, effective 6/28/02.]

WAC 16-228-12352 Distribution and use of pesticides containing the active ingredient clopyralid. (1) Pesticides containing the active ingredient clopyralid that are labeled for use on cereal grains, grass used for hay, lawns and turf including golf courses can only be sold by licensed dealers to certified applicators or their duly authorized agents. In order to purchase such pesticides, certified ap-

plicators or their agents must have a valid certification, license or permit allowing them to use or purchase such pesticides.

(2) Pesticides containing clopyralid and labeled for uses on sites/crops in addition to cereal grains, grass used for hay, lawns and turf including golf courses may be sold by licensed dealers to noncertified applicators if the noncertified applicator signs the sales invoice or sales slip indicating that the pesticide will not be applied to cereal grains, grass used for hay, lawns and turf including golf courses. Noncertified applicators may use pesticides containing clopyralid purchased in this way on labeled sites and crops as long as they are not cereal grains, grass used for hay, lawns and turf including golf courses.

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-12352, filed 10/31/25, effective 1/1/26. Statutory Authority: Chapters 15.58, 17.21, and 34.05 RCW. WSR 02-12-017, § 16-228-12352, filed 5/28/02, effective 6/28/02.]

WAC 16-228-1237 What are the restrictions on the use of pesticides containing the active ingredient clopyralid when labeled for use on lawns and turf including golf courses? In addition to the restrictions placed on the product label, pesticides containing the active ingredient clopyralid cannot be applied to lawns and turf including golf courses without complying with the requirements in WAC 16-228-12371.

[Statutory Authority: Chapters 15.58, 17.21, and 34.05 RCW. WSR 02-12-017, § 16-228-1237, filed 5/28/02, effective 6/28/02.]

WAC 16-228-12371 What requirements affect the use of pesticides containing the active ingredient clopyralid on golf courses? (1) When labeled for use on lawns and turf including golf courses, pesticides containing the active ingredient clopyralid may be applied on golf courses if no grass clippings, leaves or other vegetation are removed from the site and placed in composting facilities that provide product to the public.

(2) Before applying pesticides containing the active ingredient clopyralid on a golf course, the commercial applicator must give written notification to the appropriate grounds keeping personnel that no grass clippings, leaves or other vegetation may be removed from the site and placed in composting facilities that provide product to the public.

[Statutory Authority: Chapters 15.58, 17.21, and 34.05 RCW. WSR 02-12-017, § 16-228-12371, filed 5/28/02, effective 6/28/02.]

WAC 16-228-1238 What are the restrictions on application of ziram to Bosc pears? All dry formulations (such as wettable powders or water dispersible granules) of ziram labeled for use on pears are hereby declared state restricted use pesticides because of dermal effects to persons exposed while working in Bosc pear orchards.

(1) Growers shall observe the Environmental Protection Agency restricted entry interval label requirements following any treatment

with dry wettable formulations of ziram before entering or allowing persons to enter pear orchards without personal protective clothing.

(2) Any entry during the restricted entry interval shall follow chapter 16-233 WAC, Worker protection standards, regarding handler, farm worker safety, and early-entry handler requirements.

(3) Growers shall observe an additional fourteen days after an application before entering or allowing workers to enter Bosc pear orchards without personal protective clothing as defined below.

(4) For the purposes of this section, minimum personal protective clothing shall consist of: A long-sleeved shirt; long-legged pants; socks; and chemical resistant gloves.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1238, filed 10/28/03, effective 11/28/03.]

WAC 16-228-1250 What are the restrictions on phenoxy herbicides?

(1) The distribution, use and application of all high volatile ester and dust formulations of phenoxy herbicides shall be prohibited throughout the state.

(2) In the areas under order, pesticide dealers shall make available to the purchaser a copy of the rules pertaining to the use of dicamba and/or phenoxy hormone-type herbicides, including 2,4-D and MCPA, in the area in which the material will be applied.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1250, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1250, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1260 What are the restrictions on the distribution of tributyltin products?

(1) The distribution for use in Washington state of paint, stain, paint additives, or similar products containing any chemical form of tributyltin for use in interiors of inhabited structures (i.e., residences, office buildings, institutions, recreational vehicles, and retail stores) shall be prohibited: Provided that this section shall not apply to specialty products, such as tile grout additives or cooling tower biocides.

(2) No tributyltin-containing paint, stain, paint additives, or similar products as specified in subsection (1) of this section may be registered for distribution unless its label clearly indicates that it shall not be used on interior surfaces of inhabited structures or that it shall be used on exterior surfaces only.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1260, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1260, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1262 When are pesticides containing the active ingredient thiamethoxam use restricted pesticides?

Pesticides containing the active ingredient thiamethoxam are declared to be use restricted pesticides when labeled for use on pome fruits, including apples and pears.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. WSR 07-11-041A, § 16-228-1262, filed 5/9/07, effective 6/9/07. Statutory Authority: RCW 15.58.040, 17.21.030, and chapter 34.05 RCW. WSR 03-05-033, § 16-228-1262, filed 2/11/03, effective 3/14/03.]

WAC 16-228-1264 What are the restrictions on the use of pesticides containing the active ingredient thiamethoxam when labeled for use on pome fruits, including apples and pears? In addition to the restrictions placed on the product label, pesticides containing the active ingredient thiamethoxam cannot be applied to pome fruits, including apples and pears, without complying with the requirements in WAC 16-228-1266.

[Statutory Authority: RCW 15.58.040, 17.21.030, and chapter 34.05 RCW. WSR 03-05-033, § 16-228-1264, filed 2/11/03, effective 3/14/03.]

WAC 16-228-1266 What requirements must I comply with before making an application of a pesticide containing the active ingredient thiamethoxam to pome fruits, including apples and pears? Before applying thiamethoxam to pome fruits, including apples and pears, you must comply with the following requirements:

(1) For product labeled for use on **apples**, apply thiamethoxam prior to prebloom (prepink or tight cluster growth stage) or after post bloom (petal fall). Do not apply thiamethoxam between prebloom and petal fall.

(2) For **pears**, apply thiamethoxam prior to prebloom (green cluster or cluster bud stage) or after post bloom (petal fall). Do not apply thiamethoxam between prebloom and petal fall.

(3) Do not apply thiamethoxam to blooming plants or allow it to drift onto blooming plants. This is especially critical if there are adjacent orchards that are blooming. (Refer to recommendations to avoid spray drift on the product label for additional information.)

(4) After an application of thiamethoxam, wait at least five days before placing the beehives in the treated orchard.

(5) If bees are foraging in the orchard ground cover and it contains any blooming plants or weeds, always remove flowers before making an application of thiamethoxam. This may be accomplished by mowing, disking, mulching, flailing or applying a labeled herbicide.

[Statutory Authority: RCW 15.58.040, 17.21.030, and chapter 34.05 RCW. WSR 03-05-033, § 16-228-1266, filed 2/11/03, effective 3/14/03.]

WAC 16-228-1270 Restrictions on the use of pesticides on seed alfalfa, seed clover, small seeded herb and vegetable seed crops, and seed garlic. (1) For purposes of pesticide registration, the following crops, when grown to produce seed specifically for crop reproduction purposes, are considered nonfood and nonfeed sites of pesticide use:

Common Name	Scientific Name
alfalfa	<i>Medicago sativa</i>
arugula	<i>Eruca sativa</i>

Common Name	Scientific Name
beet, garden	<i>Beta vulgaris</i>
beet, sugar	<i>Beta vulgaris</i>
broccoli	<i>Brassica oleracea</i> var. <i>botrytis</i>
broccoli, Chinese	<i>Brassica oleracea</i> var. <i>alboglabra</i>
broccoli raab	<i>Brassica rapa</i> var. <i>ruvo</i>
Brussels sprouts	<i>Brassica oleracea</i> var. <i>gemmifera</i>
cabbage	<i>Brassica oleracea</i> var. <i>capitata</i>
cabbage, Chinese, bok choy	<i>Brassica rapa</i> var. <i>chinensis</i>
cabbage, Chinese, napa	<i>Brassica rapa</i> var. <i>pekinensis</i>
carrot	<i>Daucus carota</i>
cauliflower	<i>Brassica oleracea</i> var. <i>botrytis</i>
clover, berseem	<i>Trifolium alexandrinum</i>
clover, crimson	<i>Trifolium incarnatum</i>
clover, Persian	<i>Trifolium resupinatum</i>
clover, red	<i>Trifolium pratense</i>
clover, strawberry	<i>Trifolium fragiferum</i>
clover, white	<i>Trifolium repens</i>
collards	<i>Brassica oleracea</i> var. <i>acephala</i>
coriander	<i>Coriandrum sativum</i>
dill	<i>Anethum graveolens</i>
endive	<i>Cichorium endivia</i>
kale	<i>Brassica oleracea</i> var. <i>acephala</i>
kohlrabi	<i>Brassica oleracea</i> var. <i>gongylodes</i>
leek	<i>Allium porrum</i>
lettuce, head	<i>Lactuca sativa</i>
lettuce, leaf	<i>Lactuca sativa</i>
mustard greens	<i>Brassica juncea</i>
mustard, seed	<i>Brassica hirta</i>
mustard spinach	<i>Brassica rapa</i> var. <i>perviridis</i>
onion, dry bulb	<i>Allium cepa</i>
onion, Welsh	<i>Allium fistulosum</i>
parsley	<i>Petroselinum crispum</i>
parsnip	<i>Pastinaca sativa</i>
radish (other than radish, Oriental)	<i>Raphanus sativus</i>
rape greens	<i>Brassica napus</i> var. <i>napus</i>
rutabaga	<i>Brassica napus</i> var. <i>napobrassica</i>
spinach	<i>Spinacia oleracea</i>

Common Name	Scientific Name
Swiss chard	<i>Beta vulgaris var. cicla</i>
turnip	<i>Brassica rapa</i>

(2) For the seed crops listed in subsection (1) of this section, the following conditions shall be met:

(a) All seed screenings shall be disposed of in such a way that they cannot be distributed or used for human food or animal feed. The seed conditioner shall keep records of screening disposal for three years from the date of disposal and shall furnish the records to the director immediately upon request. Conditioner disposal records shall consist of documentation of on-farm disposal, disposal at a controlled dump site, incinerator, composter, or other equivalent disposal site and shall include the lot numbers, amount of material disposed of, the grower(s), and the date of disposal.

(b) No portion of the seed plant including, but not limited to, green chop, hay, pellets, meal, whole seed, cracked seed, roots, bulbs, leaves and seed screenings may be used or distributed for food or feed purposes.

(c) All seed from the crops listed in subsection (1) of this section grown or conditioned in this state shall bear a tag or container label which forbids use of the seed for human consumption or animal feed.

(d) No seed from the crops listed in subsection (1) of this section grown or conditioned in this state may be distributed for human consumption or animal feed.

(3) For purposes of pesticide registration, the following crop, when grown to produce bulbs specifically for crop reproduction purposes, is considered a nonfood and nonfeed site of pesticide use:

Common Name	Scientific Name
garlic, bulb	<i>Allium sativum</i>

"Garlic, bulb" is commonly referred to as "garlic seed" when grown to produce bulbs for crop reproduction purposes. For the purpose of this section, "garlic, bulb" and "garlic seed" have the same meaning, and are used interchangeably.

(4) For the bulb crop listed in subsection (3) of this section, the following conditions shall be met:

(a) All garlic seed debris shall be disposed of in such a way that it cannot be distributed or used for human food or animal feed. The garlic seed grower shall keep records of debris disposal for three years from the date of disposal and shall furnish the records to the director immediately upon request. Grower disposal records shall consist of documentation of on-farm disposal, disposal at a controlled dump site, incinerator, composter, or other equivalent disposal site and shall include the lot numbers, amount of material disposed of, the grower(s), and the date of disposal.

(b) No portion of the garlic seed plant including, but not limited to, green chop, hay, pellets, meal, roots, garlic bulbs, leaves and debris may be used or distributed for food or feed purposes.

(c) All garlic seed grown or processed in this state shall bear a tag or container label which forbids use of the garlic bulbs for human consumption or animal feed.

(d) No garlic seed grown or processed in this state may be distributed for human consumption or animal feed.

(5) Violation of any condition listed in subsection (2) or (4) of this section is declared to be a violation of chapters 17.21 and 15.58 RCW.

(6) If the department receives a proposal to add an additional seed crop not listed in subsection (1) or (3) of this section, sufficient information must be provided to the department to support the designation of the seed crop as a nonfood and nonfeed site. The department will determine if the designation of the seed crop as a nonfood and nonfeed site is appropriate based upon evaluation of available information, and may consult with the U.S. Environmental Protection Agency prior to a final decision.

(7) The conditions contained in subsections (1) through (6) of this section shall not apply to a seed crop grown in Washington, or its byproducts, if any one of the following conditions exist:

(a) No pesticides were applied to the seed crop;

(b) Only pesticides registered and labeled for application to the seed crop, and having established tolerances or tolerance exemptions for residues of pesticides on the seed crop and its by-products, were used on the seed crop; or

(c) If the seed crop has been certified under provisions of RCW 15.86.070 the Organic Products Act.

[Statutory Authority: RCW 15.58.040, 17.21.030 and chapter 34.05 RCW. WSR 19-16-152, § 16-228-1270, filed 8/7/19, effective 9/7/19. Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1270, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58, 17.21 RCW. WSR 00-22-073, § 16-228-1270, filed 10/30/00, effective 11/30/00. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1270, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1300 Pesticide dealer recordkeeping requirements.

Pesticide dealers shall keep and furnish records to the director immediately upon request on the distribution of any pesticide except those determined by the department to be "home and garden use only" products. Records shall be kept for a period of seven years from the date of distribution. General use distribution requests shall be limited to records necessary for investigations of suspected violations, damage complaints, inspections, monitoring distribution and use under provisions of special local needs registrations, emergency exemptions from federal registration and experimental use permits, and monitoring of any pesticide suspected of unreasonable adverse effects on the environment. The records shall contain the following information:

(1) Full name and address of purchaser;

(2) Full name and address of certified applicator or dealer manager (if different from subsection (1) of this section for restricted use pesticides);

(3) Certified applicator or dealer manager's pesticide license number (for restricted use pesticides), including the state, tribe, or federal agency that issued the license, expiration date of license, and categories in which the applicator is licensed that are relevant to the pesticide sold;

(4) Full name of authorized agent for restricted use pesticides;

(5) Brand and specific pesticide name and EPA registration number, including any applicable emergency exemption or special local need registration number;

- (6) Number of pounds or gallons of the pesticide distributed;
- (7) Date of distribution;
- (8) Crop or site to which pesticide will be applied (for restricted use pesticides).

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-1300, filed 10/31/25, effective 1/1/26. Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. WSR 07-11-041A, § 16-228-1300, filed 5/9/07, effective 6/9/07; WSR 03-22-029, § 16-228-1300, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 00-22-074, § 16-228-1300, filed 10/30/00, effective 11/30/00. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1300, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1320 Pesticide applicator recordkeeping requirements.

(1) Certified applicators and all persons applying pesticides to more than one acre of agricultural land in a calendar year including public entities engaged in roadside spraying, and all persons making landscape applications of pesticides to types of property listed in RCW 17.21.410 (1)(b), (c), (d) and (e) shall keep records for each application which shall include the following:

(a) The full name and full address of the person for whom the pesticide was applied.

(b) The address or exact location of the land where the pesticide was applied. If the application is made to one acre or more of agricultural land, the field must be located on the map on the adopted form. Location of agricultural land shall be made using section, township and range, geographical positioning system coordinates, or by irrigation block and farm unit numbers.

(c) The year, month, day and start and stop time the pesticide was applied.

(d) The product name used on the registered label and the United States Environmental Protection Agency registration number, if applicable, of the pesticide which was applied.

(e) The direction from which the wind is blowing and estimated velocity of the wind in miles per hour (mph) and the temperature in degrees Fahrenheit at the time the pesticide was applied: Provided that this subsection (e) shall not apply to applications of baits in bait stations, pesticide applications within structures and drip or subsurface irrigation applications. Wind and temperature readings shall be obtained in close proximity to the application site.

(f) The total amount of pesticide applied such as pounds, gallons, ounces, etc.

(g) The amount of pesticide applied per acre or 1,000 square feet or other appropriate measure.

(i) For PCO classification or residential ornamental applications, the amount shall be recorded to the nearest ounce of product or to the nearest gallon of liquid spray per site.

(ii) Fumigation records shall include the pounds of gas released per 1,000 cubic feet of space, the temperature, and the duration of the exposure period.

(h) The concentration of pesticide that was applied. Liquid applications may be recorded as, but are not limited to, amount of product per 100 gallons of liquid spray, gallons per acre of output volume, ppm, percent product in tank mix (e.g., 1%). For chemigation ap-

applications record "inches of water applied" or other appropriate measure.

(i) The pests to be controlled (for PCO classification only).

(j) Specific crop or site to which pesticide was applied.

(k) Apparatus license plate number.

(l) The licensed applicator's full name, certified pesticide applicator license number, complete address, telephone number, and the full name of the individual or individuals making the application.

(m) The number of acres or other appropriate measure to which the pesticide was applied.

(n) For commercial applications, the full name and complete address of the commercial firm.

(2) Application records shall be completed and available to the department the same day the pesticides were applied.

(3) Application records shall be kept for a period of seven years from the date of the application of the pesticide to which such records refer. The director shall, upon request in writing, be furnished with a copy of such records immediately by the licensee.

(4) Upon written request, the applicator shall provide the customer with a record of each application of pesticides to his/her land, for the current season, which shall contain the information listed in WAC 16-228-1320(1).

(5) When requested, the information required by subsection (1) of this section shall be provided using an appropriate Pesticide Application Record. The department may choose to accept pesticide application records on any physical or electronic form, provided the following criteria are met:

(a) The provided pesticide application record contains all the information required by subsection (1) of this section; and

(b) The pesticide application record produced is in a form and format acceptable to the department.

(6) All apparatus shall be kept in good repair and only that apparatus capable of performing all functions necessary to ensure proper and thorough application of pesticides shall be used. Apparatus shall be cleaned so that no residue remains which may cause injury to land, humans, desirable plants and animals, from subsequent applications.

(7) On demand of the director, the applicator shall make immediately available for inspection the pesticides being applied and the apparatus used for the application: Provided that this inspection is made at the site of application or where the apparatus is located.

(8) The applicator shall make available necessary safety equipment in proper working order and advise employees on its use to meet the safety requirements of the pesticide label.

(9) Maintain a uniform mixture at all times in operating apparatus when applying pesticides.

(10) All containers used for pesticide mixtures, other than those in an apparatus, shall have a label identifying the contents as a pesticide, the active ingredient, and appropriate restrictions and precautions.

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-1320, filed 10/31/25, effective 1/1/26. Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. WSR 07-11-041A, § 16-228-1320, filed 5/9/07, effective 6/9/07; WSR 03-22-029, § 16-228-1320, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 00-22-074, § 16-228-1320, filed 10/30/00, effective 11/30/00. Statutory Authority: Chapters 15.54,

15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1320, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1322 What are the requirements for removal of landscape markers and notification of restricted entry? (1) The marker shall remain in place for a minimum of twenty-four hours from the time the landscape application is originally posted as required by RCW 17.21.410.

(2) In the event the pesticide label requires a restricted entry interval greater than twenty-four hours, the certified applicator shall provide the property owner or tenant with the restricted entry interval times consistent with the label requirements. Markers shall remain in place consistent with the restricted entry interval times as required by the label.

(3) The property owner or tenant shall remove the marker of any landscape posted under the requirements of RCW 17.21.410 consistent with this schedule.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1322, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 00-22-074, § 16-228-1322, filed 10/30/00, effective 11/30/00.]

WAC 16-228-1330 Pilot and aircraft requirements for pesticide applicators. (1) All pilots and aircraft used for or engaged in the application of pesticides shall comply fully with the appropriate rules and regulations of the Federal Aviation Administration.

(2) All applicants for the aerial pest control classification shall comply with FAA certification requirements. The department may require a current copy of the FAA operating certificate prior to issuance of a license.

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-1330, filed 10/31/25, effective 1/1/26. Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1330, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1330, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1370 What are the department requirements for a waste pesticide disposal program? Under authority of chapter 15.58 RCW, the department may establish a waste pesticide disposal program for farmers, or other parties regulated under chapter 17.21 RCW or licensed under chapter 15.58 RCW.

(1) Upon review and determination that a pesticide is no longer useable, the department may declare a pesticide to be a "waste pesticide."

(2) The department may take possession of a waste pesticide with the owner's written consent for the purpose of disposal.

(3) For the purpose of waste pesticide disposal, the department may:

(a) Become identified as a hazardous waste generator;

(b) Enter into contracts or cooperative agreements to carry out portions of or all of the waste pesticide disposal program. The de-

partment may also enter into cooperative agreements to carry out portions of or all of the development of education programs relating to waste pesticide disposal and programs for dissemination of information concerning the department's disposal program.

(4) The department may accept pesticides whose active ingredients are not clearly identifiable for disposal. These pesticides may be analyzed by either the department or a private laboratory. If upon analysis the material is not a pesticide, not identified or not acceptable for disposal, it shall be returned to the owner and/or not accepted for disposal.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1370, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1370, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1380 What are the requirements for application of rodent control pesticides? Rodent control pesticides shall be used in and around structures only under the following conditions, provided that the use of rodent control baits registered for home and garden use only, is exempt from this section:

(1) Bait shall only be placed in locations not readily accessible to children, pets and nontarget wildlife, provided that when properly secured, a locked and/or sealed tamper-resistant bait box may be used in accessible locations.

(2) Locked bait boxes are required for all outdoor, aboveground bait placement.

(3) Bait shall not be placed in a manner that can contaminate, or be easily translocated to food, feed, drugs, or other consumer commodities. Spilled bait must be cleaned up immediately.

(4) Loose bait, whether contained in a bait box or not, shall not be placed above floor levels, including but not limited to suspended ceilings, shelves, ledges, cupboards and counters. Except that, loose bait may be placed on the floor of an attic, including unfinished walking surfaces, or bottom surfaces in conformance with all other requirements of this section.

(5) All bait boxes and containers used for bait placement shall be of sturdy construction, composed of durable, nonabsorbent, corrosion resistant material and designed to prevent overturning. All bait containers holding liquid bait shall be liquid impervious and shall be properly secured.

(6) All bait boxes and containers used for bait placement shall be labeled with letters on contrasting background and maintained with the following information clearly legible on the outside of the bait box or container:

(a) The name, physical address, and telephone number of the company and/or certified applicator.

(b) The name, Environmental Protection Agency (EPA) registration number, and active ingredient(s) of the rodent control pesticide product.

(7) When detection baits without pesticides are placed in bait containers, the container must clearly identify that the contents are not a pesticide.

(8) Rodenticide bait, when in use to fill bait containers shall be handled with caution according to the label, shall not be left un-

attended where children or nontarget animals might be exposed to the contents and be in a container that bears an EPA registered label.

(9) Upon completion of a baiting operation, all bait, if it may become readily accessible to the public, shall be recovered and disposed of according to the product label.

(10) Rodenticide tracking powders shall not be used in any manner that will expose people, nontarget animals, food, feed, drugs, or other consumer commodities to the powder. The use of rodenticide tracking powders is prohibited in or on residential structures, except by written permission of the Washington state department of agriculture. Applicators who wish to use a rodenticide tracking powder in or on a residential structure must submit a request in writing to be received by the department at least seven days prior to the intended application date. The written request must include:

(a) The name, address, and telephone number of the occupants of the structure.

(b) The date and time of the intended application.

(c) The specific locations in or on a structure and the means by which the rodenticide tracking powder will be applied.

(d) A justification for the need to use the rodenticide tracking powder.

(e) What steps will be taken to ensure the rodenticide tracking powder does not contaminate any living area or otherwise result in an exposure to people or nontarget animals.

(11) Rodenticide tracking powder that contaminates an unintended location must be immediately and thoroughly cleaned up according to label instructions, or in the absence of label instructions, according to instructions obtained from the manufacturer.

[Statutory Authority: Chapters 15.58, 17.21, and 34.05 RCW. WSR 10-15-015, § 16-228-1380, filed 7/8/10, effective 8/8/10; WSR 03-22-029, § 16-228-1380, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58, 17.21 RCW. WSR 00-22-073, § 16-228-1380, filed 10/30/00, effective 11/30/00. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1380, filed 10/20/99, effective 11/20/99.]

GENERAL PESTICIDE RULES—REGISTRATION

WAC 16-228-1400 What are the requirements for pesticide labels?

(1) In addition to the requirements set forth in (2) through (5) below, pesticide labeling shall meet the standards or criteria of FIFRA.

(2) Any pesticide exempted from registration under the provisions of section 18 of FIFRA must be labeled as follows:

(a) Pesticides distributed under section 18 of FIFRA must be accompanied by a label approved by the department prior to distribution. All conditions set forth in the document granting the emergency exemption and all other requirements determined to be necessary by the department must be included on the label.

(b) In situations where a label cannot be developed and approved prior to the intended use period, the department may allow the use of the document granting the emergency exemption in lieu of labeling. Conditions set forth as part of the granting document, and any attach-

ed or associated documentation from the department shall be considered labeling for purposes of enforcement.

(3) Labels for spray adjuvants must include the following:

(a) The product brand name.

(b) The type or function of principal functioning agents. Terms used to describe adjuvant functions must be consistent with ASTM International Standards E 1519 and/or E 609, unless ASTM International has not defined a term. In the absence of an ASTM International definition, the department will determine the appropriate term(s). Functions claimed must be consistent with the principal functioning agents. If two or more functions are claimed, then the functions must be listed in descending order (starting with the primary function).

(c) An ingredient statement that shall include the following:

(i) "Principal functioning agents." The principal functioning agents must be listed by chemical name in descending order of composition with either individual or total percentage(s). If more than 3 functioning agents are present, only the 3 principal agents need to be listed;

(ii) The percentage of "Constituents ineffective as spray adjuvants," and

(iii) The total percentage of all ingredients which must equal 100%.

(d) Directions for use that must include a description of intended uses and recommended use rates.

(e) Precautionary statements adequate to protect people and the environment that shall include the following:

(i) The statement "Keep Out Of Reach Of Children."

(ii) A signal word (danger, warning or caution) and precautionary statements (including requirements for personal protective equipment, if applicable) consistent with product toxicity data; and

(iii) A statement prohibiting aquatic use, unless the registrant provides data to demonstrate that the proposed use will not cause unreasonable adverse effects to fish and aquatic invertebrates.

(f) An appropriate storage and disposal statement.

(g) The name and address of the registrant or manufacturer. If the registrant's name appears on the label and the registrant is not the manufacturer, then the name must be qualified by appropriate wording such as "Packaged for" or "Distributed by."

(h) The weight or measure of the contents.

(i) In situations where the department deems it appropriate, the use of alternative language and/or statements may be allowed or required.

(j) Optional information: The spray adjuvant label may also include an exemption from tolerance statement (if applicable), an unsulfonated residue (UR) value (if applicable), the Washington registration number and a label identification code (such as the revision date).

(4) Special local need (SLN) labels issued under section 24c of FIFRA must include the following:

(a) A federal or state Restricted Use Pesticide (RUP) designation statement (when applicable).

(b) The statement "FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF WASHINGTON."

(c) The product brand name.

(d) The EPA and SLN registration numbers of the product.

(e) The statement: "It is a violation of federal law to use this product in a manner inconsistent with its labeling."

- (f) The statement: "This labeling must be in the possession of the user at the time of application."
- (g) One of the following statements:
- (i) For agricultural use SLN labels the statement: "Follow all applicable directions, restrictions, worker protection standard requirements, and precautions on the EPA registered label"; or
- (ii) For nonagricultural use SLN labels the statement: "Follow all applicable directions, restrictions, and precautions on the EPA registered label."
- (h) Directions for use that must include the following: crop or site to be treated, pest(s) to be controlled, application rate and concentration, method of application, frequency and timing of application, and preharvest interval.
- (i) All restriction or precaution statements (e.g. pollinator protection, herbicide drift, aquatic toxicity, chemigation, seed crop requirements) applicable to the use.
- (j) An expiration date statement such as: "This label for (Product name) expires and must not be distributed or used in accordance with this SLN registration after December 31, (Fifth year)." Fifth year means the fifth year after issuance of the SLN label.
- (k) The name and address of the SLN registrant.
- (l) A label identification code (such as the revision date).
- (m) Any other applicable information required by the EPA or the department.
- (n) In situations where the department deems it appropriate, the use of alternative language and/or statements may be allowed or required.
- (o) Optional information: The SLN label may also include a waiver of liability statement (if applicable). The waiver of liability statement must be consistent with EPA requirements.
- (5) Labels for minimum risk pesticides exempted from federal registration under section 25(b) of FIFRA must include the following:
- (a) The product brand name.
- (b) The product function. The function(s) claimed must be consistent with product ingredients.
- (c) An ingredient statement that shall include the following:
- (i) "Active ingredients." These ingredients must be listed by name (in descending order of composition) with individual percentage(s). Only active ingredients listed in 40 C.F.R. 152.25(g) are permitted;
- (ii) "Inert ingredients" or "other ingredients." These ingredients must be listed by name with the cumulative percentage of all inert ingredients stated on the label. Only inert ingredients on EPA Inerts List 4A (40 C.F.R. 180.950) are permitted; and
- (iii) The total percentage of all ingredients which must equal 100%.
- (d) Directions for use that must include a description of intended uses and use rates. The label must not bear claims either to control or mitigate microorganisms that pose a threat to human health.
- (e) Precautionary statements adequate to protect people and the environment that shall include the following:
- (i) The statement "Keep Out Of Reach Of Children," and
- (ii) A signal word (danger, warning or caution) and precautionary statements (including requirements for personal protective equipment, if applicable) consistent with product toxicity data.
- (f) An appropriate storage and disposal statement.

(g) The name and address of the registrant or manufacturer. If the registrant's name appears on the label and the registrant is not the manufacturer, then the name must be qualified by appropriate wording such as "Packaged for" or "Distributed by."

(h) The weight or measure of the contents.

(i) In situations where the department deems it appropriate, the use of alternative language and/or statements may be allowed or required.

(j) Optional information: The minimum risk pesticide label may also include the Washington registration number and a label identification code (such as the revision date).

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. WSR 07-11-041A, § 16-228-1400, filed 5/9/07, effective 6/9/07; WSR 03-22-029, § 16-228-1400, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 00-22-074, § 16-228-1400, filed 10/30/00, effective 11/30/00. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1400, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1410 What pesticides are considered home and garden use only pesticides? For purposes of this section, "home and garden use only" means any pesticide determined by the department to be packaged, labeled and marketed in a manner that clearly indicates the product is intended for personal use by the general public in and around a residence. In making this determination, the department will consider, but not be limited to, the following criteria:

- (a) Packaging;
- (b) Package size;
- (c) Label instructions;
- (d) Application method;
- (e) Equipment to be used;
- (f) Rates of application.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. WSR 07-11-041A, § 16-228-1410, filed 5/9/07, effective 6/9/07; WSR 03-22-029, § 16-228-1410, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1410, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1420 What are the requirements for complete pesticide formula? The complete pesticide formula shall include a listing of each active and inert ingredient and the percentage of each ingredient. This information will be kept confidential and is exempt from disclosure as a public record as provided by RCW 15.58.065 except for names of inert ingredients of pesticides exempt under section 25b of FIFRA which according to C.F.R. 152.25 (g) (3) (i) must have this information on the label. Information required by this section may be submitted on company letterhead marked "confidential" in red ink on each sheet or each "EPA confidential statement of formula" information sheet.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1420, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 00-22-074, § 16-228-1420, filed

10/30/00, effective 11/30/00. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1420, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1430 What is an adequate pesticide container? Containers, i.e., packages, cartons, bags, cans, barrels, bins, etc., in which pesticides are sold, offered for sale, or transported within the state of Washington shall be of sufficient strength and of such construction as to alleviate danger of spillage or breakage. Pesticides found to be packaged in unsafe containers shall be placed under "stop sale" order. Containers shall meet the minimum federal specifications.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1430, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1430, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1440 What pesticides must be artificially colored or have an odor added? (1) No highly toxic pesticide in powdered or granular form or highly toxic pesticide baits having a label recommendation for use in any building, ship, or similar enclosure shall be sold within the state of Washington unless it is distinctly colored or discolored in such a way that it does not resemble any food.

(2) A pesticide in liquid form with colors resembling a beverage or liquid food, which does not have a distinctive odor, shall have an odorous substance added that is distinctly different from any beverage or liquid food.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1440, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1440, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1450 What are the requirements for pesticide-fertilizer registration and labeling? (1) Each pesticide-fertilizer mix containing different pesticide active ingredients and/or percentages must be registered with the director: Provided that the fertilizer portion shall be considered an inert ingredient for the purpose of this order. Such registrations may be to the nearest one-tenth of one percent by weight of all active ingredient/s, except for nitrification inhibitor-pesticide mixes as stated in (4) below.

(2) A specimen pesticide-fertilizer label shall be registered with the director before distribution or sale. These labels shall bear the following items:

(a) A pesticide ingredient statement identifying the active ingredient(s) and showing the percent by weight of each active ingredient;

(b) EPA registration number of each pesticide used to formulate the pesticide-fertilizer mix;

(c) Crop(s) on which the pesticide-fertilizer mix may be used and the amount of pesticide-fertilizer mix to be applied per acre;

(d) Timing of application (for instance, preplant) and the pre-harvest interval;

(e) Net weight of the shipment;

(f) Name and address of the registrant or manufacturer;

(g) Any other information required by the director.

(3) Labeling bearing all of the information specified in (2) above and a complete specimen label for each pesticide product used to formulate the pesticide-fertilizer mix shall accompany each pesticide-fertilizer mix shipment. All or portions of the information required in (2) above may occur on the invoice of a custom mix: Provided that an appropriate specimen invoice has been registered by the director as pesticide labeling.

(4) Pesticide-fertilizer mixes containing nitrification inhibitors or agents intended for nitrogen stabilization only, and no other pesticide active ingredients, may be registered without specifying the percentage of active ingredient. The amount of active ingredient in the mix must be stated on the label that accompanies each shipment.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1450, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1450, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1455 What are the requirements on dry pesticide-fertilizer mixes? No person shall distribute, sell, offer for sale, or hold for sale any dry pesticide incorporated in a dry blended bulk fertilizer mix.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1455, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1455, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1460 What are the requirements for experimental use permits? (1) Pesticides shall not be distributed or used for experimental purposes unless a written permit has been obtained from the director. All distribution and use of pesticides for experimental purposes shall be subject to restrictions and conditions described in the experimental use permit. Applications for experimental use permits shall be submitted on forms prescribed by the director.

(2) For individual experimental use permits that are product and site specific, the application shall include the following (when applicable):

(a) Name of the active ingredient and/or product name and/or EPA registration number of the product to be used;

(b) Person responsible for carrying out provisions of the experimental use permit and means of locating this person in case of emergency;

(c) Target pest(s);

(d) Crop or site and location(s) to which the pesticide is to be applied;

(e) Disposition of any treated food or feed and of subsequent crops from treated sites;

(f) Rate of application of formulation or active ingredient and number of applications;

(g) Timing and duration of the proposed program;

(h) Area (acres, sq. ft., etc.) to which the pesticide is to be applied;

- (i) Total amount of pesticide to be applied;
- (j) Federal experimental use permit number and text;
- (k) Labeling to accompany the pesticide in the field;
- (l) Any other information required by the director.

(3) An individual experimental use permit shall not be issued for use of a pesticide on a food or feed unless a tolerance greater than residues anticipated from the treatment or exemption from the requirement of a tolerance has been obtained from the Environmental Protection Agency, provisions for destruction of the treated food or feed and any crop residue have been made, or adequate demonstration has been made to the department that no detectable pesticide residue from the experimental program will be present in food or feed. The director may require evidence to substantiate any of the above.

(4) Collective experimental use permits may be issued by the director for experimental programs conducted on terrestrial sites by recognized research institutions, organizations, pesticide registrants, or persons licensed by the department to conduct demonstration and research activities on land they own or control. For the purposes of this section, "control" means:

(a) The person responsible for carrying out the provisions of the experimental use permit owns or leases the land on which the pesticide is being applied; or

(b) The person responsible for carrying out the provisions of the experimental use permit has received documented permission from the landowner or manager to conduct such activities.

(5) An application for a collective experimental use permit shall include the following:

(a) The name, address and phone number of the person responsible for carrying out the provisions of the collective experimental use permit, and means of locating the person in case of emergency;

(b) A signed statement that:

(i) Use will not exceed one acre per active ingredient per year;

(ii) No applications will be made to aquatic sites (experimental applications to aquatic sites must be performed under an individual experimental use permit);

(iii) No applications will be made to residential sites (experimental applications to residential sites must be performed under an individual experimental use permit);

(iv) All treated food and feed crops will be destroyed after harvest unless a tolerance greater than the residues anticipated from the treatment or exemption from the requirement of a tolerance has been obtained from the Environmental Protection Agency. "Destroyed" means rendered unusable for food or feed or used for research purposes only;

(v) Any adverse environmental effects will be immediately reported to the department;

(vi) All applicable use directions and restrictions on the federal, state or experimental use pesticide label will be followed.

(6) The director may monitor the implementation of any experimental use permit. This may include collection of samples, inspection of premises, records and equipment, and any other related activities specified by the director. The conditions of any experimental use permit may require notification of a designated department office prior to application and/or presence of a departmental representative at the application. Experimental use permits shall be considered labeling for purposes of enforcement. Violations of these permits shall be considered use inconsistent with the label.

(7) Summaries of experimental results, date and method of disposal of treated food or feed crop (if applicable), and any adverse environmental effects resulting from the application shall be retained by the holder of the permit for three years and shall be submitted to the department upon request of the director.

(8) Pesticides intended for experimental use must be contained in secure containers, the labeling of which must present such precautions as are known to be necessary to protect the health of persons who may come in contact with the pesticide and to prevent unreasonable adverse effects on the environment. Any unused experimental use pesticide that does not have a registered use in the state must be returned to the manufacturer or disposed of properly. Individual experimental use permits shall be considered labeling for the purposes of enforcement. Violations of these permits shall be considered use inconsistent with the label.

(9) The director may limit the amount of pesticide, acres or areas to be treated, licensing, or qualifications of persons exercising the permit, or any other condition of an experimental use permit. The director may deny, amend, suspend or revoke any experimental use permit if it is found to be in violation of applicable federal regulations, in violation of chapters 15.58 and 17.21 RCW or rules adopted thereunder, or if the director deems such action necessary to protect public health and the environment.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1460, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1460, filed 10/20/99, effective 11/20/99.]

GENERAL PESTICIDE RULES—LICENSING

WAC 16-228-1500 Denial, suspension, revocation of a pesticide license. (1) The director may deny, suspend, or revoke any provision of a license, registration, permit, or certification issued under chapters 17.21 and 15.58 RCW if it is found that the applicant or the holder of the license, permit, or certification has committed any of the following acts each of which is declared to be a violation:

(a) Made false or fraudulent claims through any media misrepresenting the effect of materials or methods to be utilized;

(b) Made a pesticide recommendation or gave advice or used a pesticide inconsistent with the labeling, the EPA or Washington state registration for that pesticide, an EPA or Washington state experimental use permit for that pesticide, an exemption from registration under provisions of section 18 of FIFRA, or in violation of the EPA or Washington state restrictions on the use of that pesticide;

(c) Applied known ineffective or improper pesticides or materials;

(d) Operated a faulty or unsafe apparatus;

(e) Operated in a faulty, careless, or negligent manner;

(f) Refused or neglected to comply with the provisions of the applicable sections of chapters 15.58 and 17.21 RCW, the rules adopted thereunder, or of any lawful order of the director;

(g) Refused or neglected to keep and maintain records required by chapters 15.58, 17.21 RCW, and rules adopted thereunder, or to make reports when and as required;

(h) Made false or fraudulent records, invoices, reports, or recommendations;

(i) Caused the application of a pesticide without having a licensed or certified applicator in direct supervision as applicable;

(j) Operated an unlicensed apparatus or an apparatus without a license plate issued for that particular apparatus as provided for in chapter 17.21 RCW or failed to locate the apparatus license plate on the apparatus in a manner required by the department;

(k) Used or supervised the use of a pesticide which is restricted to use by certified applicators without having qualified as a certified applicator;

(l) Used fraud or misrepresentation in making an application for a license, permit, or certification or renewal of a license, permit, or certification;

(m) Refused or neglected to comply with any limitations or restrictions on or in a duly issued license, permit, or certification;

(n) Aided or abetted a certified applicator, licensed person, or an uncertified or unlicensed person to evade the provisions of chapters 17.21 and 15.58 RCW, conspired with such a certified applicator or licensed person or an uncertified or unlicensed person to evade the provisions of chapters 17.21 and 15.58 RCW or allowed one's license, permit, or certification to be used by another person;

(o) Made false, misleading, or erroneous statements or reports during or after an inspection concerning any infestation or infection of pests found on land or in connection with any pesticide complaint or department investigation;

(p) Impersonated any state, county, or city inspector or official;

(q) Is not qualified to perform as a pest control consultant or pesticide dealer manager or certified applicator in the classifications in which they are licensed to operate or have operated, regardless of whether or not they have previously passed an examination provided for in chapter 15.58 RCW;

(r) To have in their possession a department pesticide licensing examination or to remove or cause to remove any said examination or its contents from the department without expressed consent from the department;

(s) To violate the testing policies set forth by department representatives prior to the start of an examination session;

(t) Made or failed to make an inspection, statement, or report in violation of WAC 16-228-2005 through 16-228-2060;

(u) Received a criminal conviction under section 14(b) of FIFRA;

or
(v) Received a final order imposing a civil penalty under section 14(a) of FIFRA.

(2) A penalty fee assessed because of a late license or registration renewal does not prevent the department from taking additional regulatory action against the violator.

(3) No pesticide dealer or dealer manager license shall be denied, suspended, or revoked simply because a pesticide purchased from that dealer was applied in violation of chapters 15.58, 17.21 RCW or rules adopted thereunder, unless the department finds the dealer or dealer manager in violation of chapters 15.58, 17.21 RCW or rules adopted thereunder.

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-1500, filed 10/31/25, effective 1/1/26. Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1500, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 00-24-013, § 16-228-1500, filed 11/27/00, effective 12/28/00. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1500, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1520 What are the requirements for the commercial applicator's financial responsibility insurance certificate (FRIC)? (1)

A commercial pesticide applicator's license shall not be issued until a financial responsibility insurance certificate is filed with the department which shall certify: (Forms to be supplied by the department).

- (a) Name of insured (identical to name on application form)
- (b) Address of insured
- (c) Policy number
- (d) Aircraft number(s) covered by the insurance (if applicable)
- (e) Effective period
- (f) Amount of insurance. Minimum requirements are:
 - (i) Public liability (personal injury) fifty thousand dollars; and property damage fifty thousand dollars; or
 - (ii) Alternately providing both public liability (personal injury), and property damage liability coverage within the same limit, providing such policy is issued in an amount of not less than one hundred thousand dollars.
 - (iii) Amount of deductible (if applicable): Maximum deductible, five thousand for all applicators.
- (g) List of any pesticides or group of pesticides not covered by the policy.
- (h) Acknowledgement of provisions for ten days' prior written notice of cancellation or reduction of the insurance coverage.

(2) The department may waive the requirements of this section, wholly or in part, if a surety bond in a form prescribed by the director is offered as evidence of financial responsibility, as provided for in RCW 17.21.160 and 17.21.170.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. WSR 07-11-041A, § 16-228-1520, filed 5/9/07, effective 6/9/07; WSR 03-22-029, § 16-228-1520, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1520, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1530 Pesticide license renewals and penalties. (1)

Except for the pesticide dealer license required under RCW 15.58.180 and limited private applicator and rancher private applicator licenses, all pesticide licenses shall expire on the December 31st following their issuance:

(2) Pesticide renewal applications for licenses issued under the authority of chapter 17.21 RCW shall be filed on or before January 1st of the appropriate year.

(3) If an application for renewal of any pesticide license issued under the authority of chapter 17.21 RCW is not filed on or prior to

January 1st following the expiration date of the license, a penalty shall be assessed as provided in RCW 17.21.140 and added to the original fee and shall be paid by the applicant before the renewal license is issued.

(4) If an application for renewal of a pesticide dealer license issued under the authority of chapter 15.58 RCW is not filed on or before the master license expiration date, the master license delinquency fee shall be assessed under chapter 19.02 RCW and shall be paid by the applicant before the renewal license is issued.

(5) If an application for renewal of any license issued under the authority of chapter 15.58 RCW, other than the pesticide dealer license, is not filed on or before the expiration date of the license, penalty equivalent to the license fee shall be assessed and added to the original fee and shall be paid by the applicant before the renewal license is issued.

(6) Nothing herein shall be construed to limit the department's ability, as otherwise provided by law, to deny a license, to condition license renewal, or to enforce violations of applicable laws, subsequent to the expiration of a license.

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-1530, filed 10/31/25, effective 1/1/26. Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1530, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1530, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1540 Pesticide examination requirements. (1) An examination fee of \$25 shall be paid prior to administration of any paper-based pesticide or structural pest inspector license examination.

(2) An examination fee of not more than \$65 shall be paid prior to the administration of each computer-based pesticide or structural pest inspector license examination. If a third-party entity administers a computer-based licensing exam, an applicant shall pay the exam cost established in the vendor's contract with the department, not to exceed the amount set in this section. The department will post this exam fee to its website.

(3) The director may administer the pesticide exams, may contract with an examination or testing vendor to administer the exams, or both.

(4) The department reserves the right to restrict the number of applicants taking examinations at any given time.

(5) Any individual who fails any pesticide licensing examination a second, third, or fourth time shall be required to wait at least 14 days before retaking that examination. Individuals who fail a pesticide licensing examination five or more times must wait 60 calendar days before retaking that examination.

(6) An applicant shall complete the application form for a pesticide or structural pest inspector license and pay the required license application fee and testing fee at the time of or prior to administration of the pesticide or structural pest inspector examination.

(7) Exam proctors must be designated by the department and may not seek certification at any examination session that they are proctoring.

(8) Pesticide and structural pest inspector examination scores shall not be released by the department until the license application fee and testing fee have been paid.

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-1540, filed 10/31/25, effective 1/1/26. Statutory Authority: RCW 15.58.040, 15.58.240, 17.21.030, and 17.21.134. WSR 22-17-020, § 16-228-1540, filed 8/4/22, effective 9/4/22. Statutory Authority: 2012 2nd sp.s. c 7, RCW 17.21.030, 15.58.040, and chapter 34.05 RCW. WSR 12-22-015, § 16-228-1540, filed 10/29/12, effective 1/1/13. Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1540, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58, 17.21 RCW. WSR 00-22-073, § 16-228-1540, filed 10/30/00, effective 11/30/00. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1540, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1545 Pesticide licensing requirements for all certified applicators except private applicators, limited private applicators, and rancher private applicators. (1) All individuals licensed or required to be licensed as commercial pesticide applicators, commercial pesticide operators, private-commercial applicators, demonstration and research applicators, public operators, structural pest inspectors, pest control consultants, and public pest control consultants must be certified, through examination, in all pest control classifications defined in subsection (3)(a) and (b) of this section in which they operate, inspect, or consult. Additionally, commercial pesticide applicators must be licensed in all classifications that the business operates. Licensed applicators may directly supervise unlicensed applicators only in those classifications in which they have a valid certification.

(2) To qualify for any pesticide license listed in subsection (1) of this section, applicants, except the structural pest inspector, must demonstrate practical knowledge of the principles and practices of proper and effective use of pesticides by passing a laws and safety examination that addresses areas of competency described in WAC 16-228-15451(1). Structural pest inspectors conducting complete wood destroying organism inspections must pass a structural pest inspector laws and standards examination or equivalent that includes, but is not limited to, the legal requirements governing structural pest inspectors and the standards for conducting complete wood destroying organism inspections.

(3) Applicator license classifications.

(a) License classifications:

(i) Aerial pest control: The use of a pesticide by fixed or rotary wing aircraft.

(ii) Aquatic antifouling: The use of antifouling paints to control fouling organisms on the bottom of marine vessels.

(iii) Aquatic irrigation: Limited to the control of aquatic pests in irrigation district water delivery systems where the pesticide is applied directly into the water or enters the water due to the application of the pesticide. Pests include, but are not limited to, moss, algae, cattails, pond weeds, and other emersed and submersed aquatic weeds.

(iv) Aquatic pest control: The control of aquatic pests in water areas including, but not limited to, canals, rivers, streams, lakes, ponds, marshes, and pipelines.

(v) Demonstration and research: The application of pesticides by individuals who demonstrate to the public the proper use and techniques of application of experimental or restricted use pesticides or by individuals who conduct field research with experimental or restricted use pesticides.

(vi) Insect and disease control: The control of insects and diseases in agricultural crops including forest environments and in ornamental, turf, and right-of-way situations including, but not limited to, golf courses, parks, schools, lawns, yards, gardens, greenhouses, hospitals, and rest homes. This includes, but is not limited to, the use of insecticides (including mosquito adulticides), miticides, fungicides, bacteriocides, molluscicides, and nematocides. This classification does not include the use of fumigants.

(vii) Livestock pest control: The control of external and internal pests of animals, except viruses, in livestock and livestock premises.

(viii) Pest control operator (PCO) - General: The control of insects, spiders, birds, rodents, and animal pests in and around, but not limited to, the following situations: Residences, public buildings and grounds, commercial buildings and grounds, disposal sites, animal feed lots, and farmsteads, including buildings and transportation equipment. This classification does not include the use of fumigants.

(ix) Pest control operator (PCO) - Structural: The control of structurally destructive pests including, but not limited to, fungus, termites, carpenter ants, carpenter bees, and wood-boring beetles. This classification allows a licensee to perform specific wood destroying organism inspections. This classification does not include the use of fumigants. Licensed applicators with this classification are not required to obtain the structural pest inspector license to conduct specific wood destroying organism inspections.

(x) Public health pest control: Application of pesticides by governmental employees and certain others in government-sponsored public health programs such as, but not limited to, mosquito control, rodent control, and insect control in situations having medical and public health importance.

(xi) Seed treatment: The application of pesticides to seeds to control destructive insects and diseases in the production of treated seed as a commodity.

(xii) Soil fumigation: The use of soil fumigants to control pests including weeds, insects, and diseases.

(xiii) Space (nonsoil) fumigation: The use of fumigants to control pests including, but not limited to, insects, weeds, pathogens, rodents, or any other pest in anything other than soil.

(xiv) Structural pest inspector: Allows for the commercial inspection of buildings for structurally destructive pests, their damage, and conditions conducive to their development. This classification is required to perform complete wood destroying organism inspections.

(xv) Vertebrate pest control: The outdoor control of vertebrate pests in situations including agricultural and residential areas. This classification does not include the use of fumigants.

(xvi) Weed control: The control of weeds in all agricultural crops including forest environments and in former agricultural lands now in a noncrop status, terrestrial right-of-way locations, and in

ornamental and turf situations. Right-of-way locations include, but are not limited to, roads, highways, railroads, power lines, and irrigation ditches, and industrial sites including, but not limited to, airports, industrial parks, and large parking areas. Ornamental and turf situations include, but are not limited to, golf courses, parks, schools, lawns, yards, gardens, hospitals, vacant lots, and open non-crop waste areas. This classification does not include the use of fumigants.

(xvii) Wood treatment: The use of wood preservatives for the control of wood damaging pests.

(b) Limited specialty: Pest control classification made available by the department for certain pest control activities not included in one of the defined license classifications specified in (a) of this subsection. Limited specialty classifications are limited to the use of general use pesticides. The department may maintain a list of currently available limited specialty subclassifications on the department website. The department at its discretion may, by rule, recategorize a limited specialty subclassification under (b) of this subsection as a license classification under (a) of this subsection.

(4) All examinations required under this section shall be written and taken without the aid of any materials that contain information relevant to the exam content. Individuals must be capable of independently reading and interpreting exam content.

(5) A passing score of 70 percent is established for all the examinations required under this section. The department may establish separate passing scores for the examinations if a validated process is used. Passing scores are valid for obtaining a license in the calendar year in which the examination is taken plus the following calendar year.

(6) The department may waive any of the examination requirements contained in this section for any person holding a valid certification with similar classifications from an EPA or Canadian approved federal, state, or provincial certification program with comparable examination and recertification standards.

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-1545, filed 10/31/25, effective 1/1/26. Statutory Authority: RCW 15.58.040, 17.21.030, and chapter 34.05 RCW. WSR 16-24-052, § 16-228-1545, filed 12/2/16, effective 1/2/17. Statutory Authority: RCW 17.21.060, 15.58.040, chapter 34.05 RCW and 2012 2nd sp.s. c 7. WSR 13-02-024, § 16-228-1545, filed 12/20/12, effective 1/20/13. Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1545, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 00-24-013, § 16-228-1545, filed 11/27/00, effective 12/28/00.]

WAC 16-228-15451 Standards for certification of commercial pesticide applicators, commercial pesticide operators, demonstration and research applicators, public operators, pest control consultants, and public pest control consultants. (1) Individuals seeking certification as commercial pesticide applicators, commercial pesticide operators, demonstration and research applicators, public operators, pest control consultants, and public pest control consultants must demonstrate practical knowledge of the principles and practices of pest control and proper and effective use of pesticides by passing a laws and safety exam that may include the following:

- (a) Knowledge of the state and federal laws governing pesticide use;
- (b) General pesticide label comprehension to include:
 - (i) General format and terminology of pesticide labels and labeling;
 - (ii) Understanding instructions, warnings, terms, symbols, and other information commonly appearing on pesticide labels and labeling;
 - (iii) Understanding that it is a violation of state and federal law to use any pesticide in a manner inconsistent with its labeling;
 - (iv) Understanding labeling requirements that a certified applicator must be physically present at the site of application;
 - (v) Understanding labeling requirements for supervising noncertified applicators working under the direct supervision of a certified applicator;
 - (vi) Understanding that applicators must comply with all use restrictions and directions for use listed on the pesticide label and labeling, including being certified in the appropriate license classification;
 - (vii) Understanding the meaning of product classification as either general or restricted use;
 - (viii) Understanding and complying with notification requirements specific to the product;
 - (ix) Recognizing and understanding the difference between mandatory and advisory labeling language.
- (c) Safe use of pesticides to avoid or minimize adverse health effects including:
 - (i) Understanding the difference between acute and chronic toxicity;
 - (ii) Understanding that a pesticide's risk is a function of exposure and the pesticide's toxicity;
 - (iii) Understanding the different routes of exposure and how they may occur;
 - (iv) Common types and causes of pesticide mishaps;
 - (v) Precautions to prevent injury to applicators and other individuals in or near treated areas;
 - (vi) The need for, and proper use of, protective clothing and personal protective equipment;
 - (vii) Symptoms of pesticide poisoning;
 - (viii) First aid and other procedures to be followed in case of a pesticide mishap;
 - (ix) Proper identification, storage, transport, handling, mixing procedures, and disposal methods for pesticides and used pesticide containers, including precautions to be taken to prevent children from having access to pesticides and pesticide containers.
- (d) Environmental fate of pesticides and the potential consequences of the use and misuse of pesticides including the influence of the following:
 - (i) Weather and other climatic conditions;
 - (ii) Types of terrain, soil, or other substrate;
 - (iii) Presence of fish, wildlife, and other nontarget organisms;
 - (iv) Drainage patterns.
- (e) Proper identification and effective control of pests including the following:
 - (i) Importance of correctly identifying target pests and selecting the proper pesticide product for effective pest control;
 - (ii) Verifying that the label does not prohibit the use of the product to control the target pest.

- (f) Characteristics of pesticides including the following:
 - (i) Types of pesticides and pesticide formulations;
 - (ii) Compatibility, synergism, persistence, and animal and plant toxicity of the formulations;
 - (iii) Hazards and residue associated with use;
 - (iv) Factors that influence effectiveness or lead to problems such as pesticide resistance;
 - (v) Dilution procedures.
- (g) Application equipment including the following:
 - (i) Types of equipment and advantages and limitations of each;
 - (ii) Use, maintenance, and calibration procedures.
- (h) Selecting appropriate application methods including the following:
 - (i) Methods to apply various forms and formulations of pesticides;
 - (ii) Knowledge of which application method to use in a given situation and that certain uses require additional certification;
 - (iii) How selection of application method and use of a pesticide may or may not result in proper use;
 - (iv) Prevention of drift and pesticide loss into the environment.
- (i) Knowledge of the responsibilities of certified applicators supervising noncertified applicators including the following:
 - (i) Understanding and complying with requirements in WAC 16-228-1548 for certified applicators who supervise noncertified applicators using pesticides for those pesticide licenses listed in this subsection;
 - (ii) Recordkeeping requirements of pesticide safety training for noncertified applicators who use pesticides under the direct supervision of a certified applicator;
 - (iii) Providing use-specific instructions to noncertified applicators using pesticides under the direct supervision of a certified applicator;
 - (iv) Explaining pertinent state, tribal, and federal laws and regulations to noncertified applicators who use pesticides under the direct supervision of a certified applicator.
- (j) Understanding the importance of professionalism including the following:
 - (i) Maintaining chemical security for pesticides;
 - (ii) How to communicate information about pesticide exposure and risks with customers and the public;
 - (iii) Appropriate product stewardship for certified applicators.
- (2) In addition to satisfying the requirements of subsection (1) of this section, all applicators listed in subsection (1) of this section must demonstrate through written examination practical knowledge of the principles and practices of pest control and proper and effective use of pesticides for each classification in which they intend to operate or consult. Minimum competency standards for each classification are listed in (a) through (o) of this subsection.
 - (a) Aerial pest control - Individuals must demonstrate practical knowledge of the pest problems and pest control practices associated with performing aerial application of pesticides including:
 - (i) Labeling requirements and restrictions specific to aerial application of pesticides including:
 - (A) Spray volumes;
 - (B) Buffers and no-spray zones;
 - (C) Weather conditions specific to wind inversions;

- (D) Label-mandated recordkeeping requirements for aerial pesticide applications including application conditions, if applicable.
- (ii) Understanding how to choose and maintain aerial application equipment including the following:
 - (A) The importance of inspecting application equipment to ensure it is in proper operating condition prior to beginning an application;
 - (B) Selecting proper nozzles to ensure appropriate pesticide dispersal and to minimize drift;
 - (C) Knowledge of the components of an aerial pesticide application system including pesticide hoppers, tanks, pumps, and types of nozzles;
 - (D) Interpreting a nozzle flow rate chart;
 - (E) Determining the number of nozzles for intended pesticide output using nozzle flow rate chart, aircraft speed, and swath width;
 - (F) How to ensure nozzles are placed to compensate for uneven dispersal due to uneven airflow from wingtip vortices, helicopter rotor turbulence, and aircraft propeller turbulence;
 - (G) Where to place nozzles to produce the appropriate droplet size;
 - (H) How to maintain the application system in good repair including pressure gauge accuracy, filter cleaning according to schedule, and checking nozzles for excessive wear;
 - (I) How to calculate required and actual flow rates;
 - (J) How to verify flow rate using fixed timing, open timing, known distance, or a flow meter;
 - (K) When to adjust and calibrate application equipment.
- (iii) Factors to consider before and during application including:
 - (A) Weather conditions that could impact application by affecting aircraft engine power, take-off distance, and climb rate, or by promoting spray droplet evaporation;
 - (B) How to determine wind velocity, direction, and air density at the application site;
 - (C) The potential impact of thermals and temperature inversions on aerial pesticide application.
- (iv) Methods to minimize off-target movement including:
 - (A) How to determine drift potential of a product using a smoke generator;
 - (B) How to evaluate vertical and horizontal smoke plumes to assess wind direction, speed, and concentration;
 - (C) Selecting techniques that minimize pesticide movement out of the area being treated;
 - (D) Documenting special equipment configurations or flight patterns used to reduce off-target pesticide drift.
- (v) Competency in performing an aerial pesticide application including:
 - (A) Selecting a flight altitude that minimizes streaking and off-target pesticide drift;
 - (B) Choosing a flight pattern that ensures applicator and bystander safety and proper application;
 - (C) The importance of engaging and disengaging spray precisely when entering and exiting a predetermined swath pattern;
 - (D) Tools available to mark swaths, such as global positioning systems and flags;
 - (E) Recordkeeping requirements for aerial pesticide applications including application conditions, if applicable.

- (b) Aquatic antifouling - Individuals must demonstrate practical knowledge of:
 - (i) The characteristics of aquatic antifouling paints;
 - (ii) Restrictions on the use of these pesticides;
 - (iii) Potential for adverse effects on humans, nontarget organisms, and the environment;
 - (iv) Labels and labeling comprehension.
- (c) Aquatic irrigation - Individuals must demonstrate practical knowledge of:
 - (i) The characteristics of various aquatic use situations;
 - (ii) The potential for adverse effects on nontarget organisms, beneficial insects, and other organisms in the immediate aquatic environment and downstream;
 - (iii) The principles of limited area application.
- (d) Aquatic pest control - Individuals must demonstrate practical knowledge of:
 - (i) The characteristics of various aquatic use situations;
 - (ii) The potential for adverse effects on nontarget organisms, beneficial insects, and other organisms in the immediate aquatic environment and downstream;
 - (iii) The principles of limited area application.
- (e) Demonstration and research - Individuals must demonstrate practical knowledge of:
 - (i) The potential problems, pests, and population levels reasonably expected to occur in a demonstration situation;
 - (ii) The effects of pesticide use on target and nontarget organisms;
 - (iii) Individuals must also demonstrate competency in each license classification applicable to their demonstration.
- (f) Insect and disease control - Individuals must demonstrate practical knowledge of insect and disease pest control in agricultural, ornamental, turf, and right-of-way situations including:
 - (i) Crops, grasslands, noncrop agricultural lands, ornamental plants, and turf and pests associated with those areas;
 - (ii) Preharvest or restricted entry intervals, other entry-restricted periods, and other areas;
 - (iii) Potential for phytotoxicity, drift, persistence beyond the intended period of pest control, environmental contamination, nontarget exposure, and other problems resulting from the use of pesticides to control insects and diseases;
 - (iv) Application methods to minimize hazards to humans, pets, other domestic animals, and nontarget organisms and to minimize runoff;
 - (v) Types of environments traversed by rights-of-way;
 - (vi) Recognition of target pests.
- (g) Livestock pest control - Individuals must demonstrate practical knowledge of such animals and their associated pests including:
 - (i) Specific pesticide toxicity and residue potential;
 - (ii) Hazards associated with factors such as formulation, application techniques, age of animals, stress, and extent of treatment.
- (h) Pest control operator - General and structural - Individuals must demonstrate practical knowledge of residential, industrial, institutional, and structural pests including:
 - (i) Recognizing those pests and signs of their presence, habitats, life cycles, biology, and behavior, as it may be relevant to problem identification and control;

- (ii) Types of formulations appropriate for control of residential, industrial, institutional, and structural pests;
- (iii) Methods of application that avoid contamination of food, minimize damage to and contamination of areas treated, minimize acute and chronic exposure of people and pets, and minimize environmental impacts.
 - (i) Public health - Individuals must demonstrate practical knowledge of:
 - (i) Pests that are important vectors of disease including recognizing the pests and signs of their presence, habitats, life cycles, biology, and behavior as it may be relevant to problem identification and control;
 - (ii) How to minimize damage to and contamination of areas to be treated, acute and chronic exposure of people and pets, and nontarget exposure.
 - (j) Seed treatment - Individuals must demonstrate practical knowledge of the characteristics of pest control in seed including:
 - (i) Recognizing types of seeds to be treated;
 - (ii) The effects of carriers and surface active agents on pesticide binding and germination;
 - (iii) The hazards associated with handling, sorting, and mixing;
 - (iv) Misuse of treated seed;
 - (v) The importance of proper application techniques to avoid harm to nontarget organisms;
 - (vi) The proper disposal of unused treated seed.
 - (k) Soil fumigation - Individuals must demonstrate practical knowledge of the pest problems and pest control practices associated with performing soil fumigation including the following:
 - (i) Familiarity with the pesticide labels and labeling for products used to perform soil fumigation including the following:
 - (A) Labeling requirements specific to soil fumigants;
 - (B) Requirements for certified applicators of fumigants, fumigant handlers and permitted fumigant handler activities, and the safety information that certified applicators must provide to noncertified applicators;
 - (C) Entry-restricted period for different tarped and untarped field application scenarios;
 - (D) Recordkeeping requirements imposed by product labels and labeling;
 - (E) Labeling provisions unique to products containing active ingredients.
 - (ii) Measures to minimize adverse health effects including the following:
 - (A) Understanding how certified applicators, noncertified applicators using fumigants under the direct supervision of certified applicators, field workers, and bystanders can become exposed to fumigants;
 - (B) Common problems and mistakes that can result in direct exposure to fumigants;
 - (C) Signs and symptoms of human exposure to fumigants;
 - (D) Air concentrations of a fumigant that require that applicators wear respirators or exit the work area entirely;
 - (E) Steps to take if a fumigant applicator experiences sensory irritation;
 - (F) Understanding air monitoring, when it is required, and where and when to take samples;

- (G) Buffer zones including procedures for buffer zone monitoring and who is permitted to be in a buffer zone;
- (H) First aid measures to take in the event of exposure to a soil fumigant;
- (I) Labeling requirements for transportation, storage, spill clean-up, and emergency response for soil fumigants including safe disposal of containers and contaminated soil and management of empty containers.
 - (iii) Characteristics of soil fumigants including the following:
 - (A) Chemical characteristics of soil fumigants;
 - (B) Specific human exposure concerns for soil fumigants;
 - (C) How soil fumigants change from a liquid or solid to a gas;
 - (D) How soil fumigants disperse in the application zone;
 - (E) Compatibility concerns for tanks, hoses, tubing, and other equipment.
 - (iv) Selecting appropriate application methods and timing including the following:
 - (A) Application methods including, but not limited to, water-run and nonwater-run applications and equipment commonly used for each soil fumigant;
 - (B) Site characteristics that influence fumigant exposure;
 - (C) Understanding temperature inversions and their impact on soil fumigant application;
 - (D) Weather conditions that could impact timing of soil fumigant application and labeling statements limiting applications during specific weather conditions;
 - (E) Conducting preapplication inspection of application equipment;
 - (F) Understanding the purpose and methods of soil sealing including the factors that determine which soil sealing method to use;
 - (G) Understanding the use of tarps including the range of tarps available, how to seal tarps, and labeling requirements for tarp removal, perforation, and repair;
 - (H) Calculating the amount of product required for a specific treatment area;
 - (I) Understanding the basic techniques for calibrating soil fumigant application equipment.
 - (v) Soil and pest factors that influence fumigant activity including the following:
 - (A) Influence of soil factors on fumigant volatility and movement within the soil profile;
 - (B) Factors that influence gaseous movement through the soil profile and into the air;
 - (C) Soil characteristics including how soil characteristics affect the success of a soil fumigation application, assessing soil moisture, and correcting soil characteristics that could hinder a successful soil fumigation application;
 - (D) Identifying pests causing the damage and verifying they can be controlled with soil fumigation;
 - (E) Understanding the relationship between pest density and application rate;
 - (F) The importance of proper application depth and timing.
 - (vi) Understanding what personal protective equipment is necessary and how to use it properly including the following:
 - (A) Following labeling directions for required personal protective equipment;

- (B) Selecting, inspecting, using, caring for, replacing, and disposing of personal protective equipment;
- (C) Understanding the types of respirators required when using specific soil fumigants and how to use them properly including medical evaluation, fit testing, and required replacement of cartridges and canisters;
- (D) Labeling requirements and other laws applicable to medical evaluation for respirator use, fit tests, training, and recordkeeping.
- (vii) Information about fumigant management plans including the following:
 - (A) When a fumigant management plan must be in effect, how long it must be kept on file, where it must be kept during the application, and who must have access to it;
 - (B) The elements of a fumigant management plan and resources available to assist the applicator in preparing a fumigant management plan;
 - (C) The person responsible for verifying that a fumigant management plan is accurate;
 - (D) The elements, purpose, and content of a post-application summary, who must prepare it, and when it must be completed.
- (viii) Understanding buffer zones and posting requirements including the following:
 - (A) Buffer zones and the buffer zone period;
 - (B) Identifying who is and is not allowed in a buffer zone during the buffer zone period;
 - (C) Using the buffer zone table from the labeling to determine the size of the buffer zone;
 - (D) Factors that affect buffer zone size and calculating buffer zones based on those factors;
 - (E) Distinguishing between buffer zone posting and treated area posting including the preapplication and post-application posting time frames for each;
 - (F) Proper choice and placement of warning signs.
- (l) Space (nonsoil) fumigation - Individuals must demonstrate practical knowledge of the pest problems and pest control practices associated with performing fumigation application of pesticides to sites other than soil including:
 - (i) Familiarity with the pesticide labels and labeling for products used to perform space fumigation including labeling requirements specific to space fumigants;
 - (ii) Measures to minimize adverse health effects including the following:
 - (A) Understanding how certified applicators, noncertified applicators using fumigants under the direct supervision of certified applicators, and bystanders can become exposed to fumigants;
 - (B) Common problems and mistakes that can result in direct exposure to fumigants;
 - (C) Signs and symptoms of human exposure to fumigants;
 - (D) Air concentrations of a fumigant that require applicators to wear respirators or to exit the work area entirely;
 - (E) Steps to take if a fumigant applicator experiences sensory irritation;
 - (F) Understanding air monitoring, when it is required, and where and when to take samples;
 - (G) Buffer zones including procedures for buffer zone monitoring and who is permitted to be in a buffer zone;

- (H) First aid measures to take in the event of exposure to a fumigant;
- (I) Labeling requirements for transportation, storage, spill clean-up, and emergency response for space fumigants including safe disposal of containers and contaminated materials, and management of empty containers.
 - (iii) Characteristics of space fumigants including the following:
 - (A) Chemical characteristics of space fumigants;
 - (B) Specific human exposure concerns for space fumigants;
 - (C) How fumigants change from a liquid or solid to a gas;
 - (D) How fumigants disperse in the application zone;
 - (E) Compatibility concerns for tanks, hoses, tubing, and other equipment.
 - (iv) Selecting appropriate application methods commonly used for space fumigation;
 - (A) Application methods and equipment commonly used for space fumigation;
 - (B) Site characteristics that influence fumigant exposure;
 - (C) Conditions that could impact timing of space fumigant application such as air stability, air temperature, humidity, and wind current, and labeling statements limiting applications under specific conditions;
 - (D) Conducting preapplication inspection of application equipment and the site to be fumigated;
 - (E) Understanding the purpose and methods of sealing the area to be fumigated including the factors that determine which sealing method to use;
 - (F) Calculating the amount of product for a specific treatment area;
 - (G) Understanding the basic techniques for calibrating space fumigant application equipment;
 - (H) Understanding when and how to conduct air monitoring and when it is required.
 - (v) Pest factors that influence fumigant activity including the following:
 - (A) Influence of pest factors on fumigant volatility;
 - (B) Factors that influence gaseous movement through the area being fumigated and into the air;
 - (C) Identifying pests causing the damage and verifying they can be controlled with fumigation;
 - (D) Understanding the relationship between pest density and application rate;
 - (E) The importance of proper application rate and timing.
 - (vi) Understanding what personal protective equipment is necessary and how to use it properly including the following:
 - (A) Following label directions for required personal protective equipment;
 - (B) Selecting, inspecting, using, caring for, replacing, and disposing of personal protective equipment;
 - (C) Understanding the types of respirators required when using specific space fumigants and how to use them properly including medical evaluation, fit testing, and required replacement of cartridges and canisters;
 - (D) Labeling requirements and other laws applicable to medical evaluation for respirator use, fit tests, training, and recordkeeping.
 - (vii) Information about fumigant management plans and when they are required including the following:

(A) When a fumigant management plan must be in effect, how long it must be kept on file, where it must be kept during the application, and who must have access to it;

(B) The elements of a fumigant management plan and resources available to assist the applicator in preparing a fumigant management plan;

(C) The person responsible for verifying that a fumigant management plan is accurate;

(D) The elements, purpose, and content of a post-application summary, who must prepare it, and when it must be completed.

(viii) Understanding posting requirements including the following:

(A) Understanding who is and is not allowed in an area being fumigated or after fumigation;

(B) Distinguishing fumigant label-required posting and treated area posting including the preapplication and post-application posting time frames for each;

(C) Proper choice and placement of warning signs.

(m) Vertebrate pest control - Individuals must demonstrate practical knowledge of:

(i) Crops, grasslands, noncrop agricultural lands, ornamental plants, and turf and vertebrate pests associated with those areas, including recognizing those pests and signs of their presence, habitats, life cycles, biology, and behavior;

(ii) Potential for adverse effects on humans, nontarget organisms, and the environment as a result of the use of pesticides for vertebrate pest control;

(iii) Potential for persistence of the pesticide beyond the intended period of pest control;

(iv) Application methods to minimize hazards to humans, pets, other domestic animals, and nontarget organisms and to minimize run-off;

(v) Comprehension of laws and regulations applicable to the control of vertebrate pests;

(vi) Types of environments traversed by rights-of-way;

(vii) Labels and labeling comprehension.

(n) Weed control - Individuals must demonstrate practical knowledge of weed control in agricultural, ornamental, turf, and right-of-way situations including:

(i) Crops, grasslands, noncrop agricultural lands, ornamental plants, turf, and right-of-way areas (terrestrial and aquatic), and weed pests associated with those areas;

(ii) Preharvest or restricted entry intervals and other entry-restricted periods and areas;

(iii) Potential for phytotoxicity due to a wide variety of plants and pests to be controlled, drift, persistence beyond the intended period of pest control, environmental contamination, nontarget exposure, and other problems resulting from the use of pesticides to control weeds including run-off, drift, and excessive foliage destruction;

(iv) Application methods to minimize hazards to humans, pets, other domestic animals, and nontarget organisms;

(v) Recognition of target pests.

(o) Wood treatment - Individuals must demonstrate practical knowledge of:

(i) Characteristics of wood preservatives;

(ii) Recognizing pests and signs of their presence;

(iii) Potential for adverse effects on humans and the environment as a result of the use of wood preservatives for the control of wood damaging pests;

(iv) Measures to minimize adverse health effects and method of application;

(v) Labels and labeling comprehension.

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-15451, filed 10/31/25, effective 1/1/26.]

WAC 16-228-1546 Private applicator license requirements. (1) To qualify for a private applicator license, an individual must pass a private applicator examination that covers areas of competency described in WAC 16-228-15461(1). The examination shall be written and taken without the aid of any materials that contain information relevant to the exam content. Individuals must be capable of independently reading and interpreting exams. Individuals holding valid, passing scores on the laws and safety examination and both of the classifications in WAC 16-228-1545 (3)(a)(vi) and (xvi) are exempt from this examination requirement.

(2) Private applicators applying pesticides by fixed or rotary wing aircraft must obtain the aerial classification described in WAC 16-228-1545 (3)(a)(i).

(3) Private applicators making aquatic applications to water that moves off their own or their employer's agricultural land must obtain the aquatic classification described in WAC 16-228-1545 (3)(a)(iv).

(4) Private applicators applying space fumigants must obtain the space fumigation classification described in WAC 16-228-1545 (3)(a)(xiii).

(5) Private applicators applying soil fumigants must obtain the soil fumigation classification described in WAC 16-228-1545 (3)(a)(xii).

(6) A passing score of 70 percent is established for the examinations required under this section. The department may establish separate passing scores for the examinations if a validated process is used. Passing scores are valid for obtaining a license in the calendar year in which the examination is taken plus the following calendar year.

(7) The department may waive the examination requirements contained in this section for any person holding a valid certification with similar classifications from an EPA or Canadian approved federal, state, or provincial certification program with comparable examination and recertification standards.

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-1546, filed 10/31/25, effective 1/1/26. Statutory Authority: RCW 15.58.040, 17.21.030, and chapter 34.05 RCW. WSR 16-24-052, § 16-228-1546, filed 12/2/16, effective 1/2/17. Statutory Authority: RCW 15.58.040, 17.21.060, and chapter 34.05 RCW. WSR 14-24-031, § 16-228-1546, filed 11/21/14, effective 12/22/14. Statutory Authority: RCW 17.21.060, 15.58.040, chapter 34.05 RCW and 2012 2nd sp.s. c 7. WSR 13-02-024, § 16-228-1546, filed 12/20/12, effective 1/20/13. Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1546, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 00-24-013, § 16-228-1546, filed 11/27/00, effective 12/28/00.]

WAC 16-228-15461 Standards for certification of private applicators. (1) To qualify for a private applicator license, an individual must demonstrate practical knowledge of the principles and practices of pest control associated with the production of agricultural commodities and effective use of restricted use pesticides including the following:

(a) Knowledge of the state and federal laws governing pesticide use including understanding the Worker Protection Standard in WAC 16-228-233.

(b) General pesticide label comprehension to include:

(i) General format and terminology of pesticide labels and labeling;

(ii) Understanding instructions, warnings, terms, symbols, and other information commonly appearing on pesticide labels and labeling;

(iii) Understanding that it is a violation of state and federal law to use any pesticide in a manner inconsistent with its labeling;

(iv) Understanding when a certified applicator must be physically present at the site of application based on labeling requirements;

(v) Understanding labeling requirements for supervising noncertified applicators working under the direct supervision of a certified applicator;

(vi) Understanding that applicators must comply with all use restrictions and directions for use listed on the pesticide label and labeling, including being certified in the appropriate license classification;

(vii) Understanding the meaning of product classification as either general or restricted use;

(viii) Understanding and complying with notification requirements specific to the product;

(ix) Recognizing and understanding the difference between mandatory and advisory labeling language.

(c) Safe use of pesticides to avoid or minimize adverse health effects including:

(i) Understanding the difference between acute and chronic toxicity;

(ii) Understanding that a pesticide's risk is a function of exposure and the pesticide's toxicity;

(iii) Understanding the different routes of exposure and how they may occur;

(iv) Common types and causes of pesticide mishaps;

(v) Precautions to prevent injury to applicators and other individuals in or near treated areas;

(vi) The need for and proper use of protective clothing and personal protective equipment;

(vii) Symptoms of pesticide poisoning;

(viii) First aid and other procedures to be followed in case of a pesticide mishap;

(ix) Proper identification, storage, transport, handling, mixing procedures, and disposal methods for pesticides and used pesticide containers including precautions to be taken to prevent children from having access to pesticides and pesticide containers.

(d) Environmental fate of pesticides and the potential consequences of the use and misuse of pesticides including the influence of the following:

(i) Weather and other climatic conditions;

(ii) Types of terrain, soil, or other substrate;

(iii) Presence of fish, wildlife, and other nontarget organisms;

- (iv) Drainage patterns.
- (e) Proper identification and effective control of pests including the following:
 - (i) Importance of correctly identifying target pests and selecting the proper pesticide product for effective pest control;
 - (ii) Verifying that the label does not prohibit the use of the product to control the target pest.
 - (f) Characteristics of pesticides including the following:
 - (i) Types of pesticides and pesticide formulations;
 - (ii) Compatibility, synergism, persistence, and animal and plant toxicity of the formulations;
 - (iii) Hazards and residues associated with use;
 - (iv) Factors that influence effectiveness or lead to problems such as pesticide resistance;
 - (v) Dilution procedures.
 - (g) Application equipment including the following:
 - (i) Types of equipment and the advantages and limitations of each type;
 - (ii) Use, maintenance, and calibration procedures.
 - (h) Selecting appropriate application methods including the following:
 - (i) Methods to apply various forms and formulations of pesticides;
 - (ii) Knowledge of which application method to use in a given situation and that certain uses require additional certification;
 - (iii) How selection of application method and use of a pesticide may or may not result in proper use;
 - (iv) Prevention of drift and pesticide loss into the environment.
 - (i) Knowledge of the responsibilities of certified applicators supervising noncertified applicators including the following:
 - (i) Understanding and complying with requirements in WAC 16-228-1548 for private applicators who directly supervise noncertified applicators using restricted use pesticides;
 - (ii) Providing use-specific instructions to noncertified applicators using pesticides under the direct supervision of a certified applicator;
 - (iii) Explaining appropriate state, tribal, and federal laws and regulations to noncertified applicators working under the direct supervision of a certified applicator.
 - (j) Understanding the importance of stewardship including the following:
 - (i) Maintaining chemical security for restricted use pesticides;
 - (ii) How to communicate information about pesticide exposures and risks with agricultural workers, handlers, and other individuals.
 - (k) Practical knowledge of pest control applications to agricultural commodities including the following:
 - (i) Specific pests of relevant agricultural commodities;
 - (ii) How to avoid contamination of ground and surface waters;
 - (iii) Understanding preharvest and restricted entry intervals and other entry-restricted periods and areas;
 - (iv) Understanding specific pesticide toxicity and residue potential when pesticides are applied to animal or animal product agricultural commodities;
 - (v) Relative hazards associated with using pesticides on animals or places in which animals are confined based on formulation, application technique, age of animal, stress, and extent of treatment.

(2) In addition to satisfying the requirements of subsection (1) of this section, private applicators, limited private applicators, and rancher private applicators must demonstrate through written examination practical knowledge of the principles and practices of pest control and proper and effective use of pesticides for each of the areas of pesticide use specified in WAC 16-228-1546(2).

(a) Aerial pest control: Minimum competency standards for this classification for private applicators are equivalent to those listed in WAC 16-228-15451 (2)(a).

(b) Aquatic pest control: Minimum competency standards for this classification for private applicators are equivalent to those listed in WAC 16-228-15451 (2)(d).

(c) Soil fumigation: Minimum competency standards for this classification for private applicators are equivalent to those listed in WAC 16-228-15451 (2)(k).

(d) Space (nonsoil) fumigation: Minimum competency standards for this classification for private applicators are equivalent to those listed in WAC 16-228-15451 (2)(l).

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-15461, filed 10/31/25, effective 1/1/26.]

WAC 16-228-1547 Dealer manager license requirements. (1) To qualify for a dealer manager license, an individual must pass a dealer manager examination. The examination shall be written and taken without the aid of any materials that contain information relevant to the exam content. Individuals must be capable of independently reading and interpreting exam content.

(2) A passing score of 70 percent is established for the examination required under this section. The department may establish a separate passing score for the examination if a validated process is used. Passing scores are valid for obtaining a license in the calendar year in which the examination is taken plus the following calendar year.

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-1547, filed 10/31/25, effective 1/1/26. Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1547, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.58 and 17.21 RCW. WSR 00-24-013, § 16-228-1547, filed 11/27/00, effective 12/28/00.]

WAC 16-228-1548 Requirements for direct supervision of noncertified applicators by certified applicators. (1) General requirements:

(a) The certified applicator must meet the following general requirements before supervising the use of federal restricted use pesticides by a noncertified applicator:

(i) The certified applicator must have practical knowledge of applicable state and federal supervisory requirements including any requirements on the product label and labeling regarding use of pesticides by noncertified applicators.

(ii) The certified applicator must be certified in each classification applicable to the use being supervised.

(b) The certified applicator must ensure that each noncertified applicator using a pesticide under the direct supervision of the certified applicator meets all the following requirements:

(i) The noncertified applicator has met all the qualification requirements listed in subsection (2) of this section.

(ii) The noncertified applicator has been instructed in the last 12 months in the safe operation of any equipment they will be using for mixing, loading, transferring, or applying pesticides.

(iii) The noncertified applicator has met the minimum age required to use pesticides under the supervision of the certified applicator. The noncertified applicator must be at least 18 years of age except that the noncertified applicator may be at least 16 years of age if all the following are met in addition to any applicable minimum age requirements under the worker protection standard:

(A) The noncertified applicator is using the restricted use pesticide under the direct supervision of a certified private applicator who is an immediate family member as defined in WAC 16-233-016(20).

(B) The pesticide is not a federal restricted use fumigant.

(C) The noncertified applicator is not applying pesticides aerially.

(c) The certified applicator must ensure that all the following are met before allowing a noncertified applicator to use a pesticide under their direct supervision:

(i) The certified applicator must ensure that the noncertified applicator has access to the applicable product labeling at all times during its use.

(ii) The certified applicator must ensure that any noncertified applicator has clean labeling-required personal protective equipment in proper operating condition when the labeling requires that personal protective equipment be worn for mixing, loading, applying, or any other use activities. The certified applicator must also ensure that the personal protective equipment is worn and used correctly for its intended purpose.

(iii) Before use of a pesticide, the certified applicator must provide to each noncertified applicator instructions specific to the site and pesticide used. These instructions must include labeling directions, precautions, and requirements applicable to the specific use and site and how the characteristics of the use site and the conditions of application might affect the risk of adverse effects. The certified applicator must provide this information in a manner that the noncertified applicator can understand.

(iv) The certified applicator must ensure that before each day of use, equipment used for mixing, loading, transferring, or applying pesticides is in proper operating condition as intended by the manufacturer and can be used without risk of adverse effects to the noncertified applicator, other individuals, or the environment.

(v) The certified applicator must ensure that a means to immediately communicate with the certified applicator is available to each noncertified applicator using pesticides under their direct supervision.

(vi) All certified applicators except private applicators, limited private applicators, and rancher private applicators must be physically present at the site of application when supervising any type of application, except when general use pesticides are applied using non-apparatus type equipment in forest situations. All certified applicators must be physically present at the site of the use being supervised when required by the product labeling.

(2) Before any noncertified applicator uses a federal restricted use pesticide under the direct supervision of a certified applicator, in addition to the general requirements listed in subsection (1) of

this section, the supervising certified applicator must ensure that the noncertified applicator has met one of the following qualifications:

(a) The noncertified applicator has been trained in accordance with subsection (3) of this section within the last 12 months.

(b) The noncertified applicator has met the training requirements for an agricultural handler under WAC 16-233-201 within the last 12 months.

(c) The noncertified applicator is currently a certified applicator but is not certified to perform the type of application being conducted or is not certified in the jurisdiction where the use will take place.

(3) Requirements for training programs for noncertified applicators applying federal restricted use pesticides under the direct supervision of a certified applicator:

(a) General noncertified applicator training must be presented to noncertified applicators either orally from written materials or audiovisuals. The information must be presented in a manner that the noncertified applicator can understand. The person conducting the training must be present during the entire training program and must respond to the noncertified applicator's questions.

(b) The person who conducts the training must meet one of the following requirements:

(i) Trainer must be currently licensed as an applicator under this chapter.

(ii) Trainer must be currently designated as a trainer of certified applicators or pesticide handlers by the director.

(iii) Trainer must have completed an approved pesticide safety train-the-trainer program for trainers of handlers under the worker protection standard, chapter 16-233 WAC.

(c) The noncertified applicator training materials include the information that noncertified applicators need in order to protect themselves, other individuals, and the environment before, during, and after making a restricted use pesticide application. The noncertified applicator training materials must include, at a minimum, the following:

(i) Potential hazards from toxicity and exposure that pesticides present to noncertified applicators and their families, including acute and chronic effects, delayed effects, and sensitization.

(ii) Different routes of exposure and how they may occur.

(iii) Signs and symptoms of pesticide poisoning.

(iv) Routing and emergency first aid and decontamination procedures including:

(A) Emergency eye flushing techniques.

(B) Steps to follow after dermal exposure to pesticides such as washing with soap and water, shampooing hair, and changing into clean clothes.

(C) Washing hands before eating, drinking, using chewing gum or tobacco, or using the toilet.

(v) How and when to obtain emergency medical care.

(vi) Potential hazards from pesticide residues on clothing and shoes and precautions to take to avoid exposure.

(vii) Potential hazards to children and pregnant women from pesticide exposure.

(viii) How to report suspected pesticide use violations to the director or other appropriate agency responsible for pesticide enforcement.

(ix) Format and meaning of information contained on pesticide labels and in labeling applicable to the safe use of the pesticide, including the location and meaning of the restricted use pesticide statement, how to identify when the labeling requires the certified applicator to be physically present during the use of the pesticide, and information on personal protective equipment.

(x) The need for and appropriate use of personal protective equipment.

(xi) How to recognize, prevent, and provide first-aid treatment for heat-related illness.

(xii) Safety requirements and restrictions for handling, transporting, storing, and disposing of pesticides including general procedures for spill cleanup.

(xiii) The potential for environmental consequences of the use and misuse of pesticides including factors such as drift, runoff, and wildlife hazards.

(xiv) Restrictions on the use of restricted use pesticides and who can apply them.

(xv) Restrictions on taking pesticides or pesticide containers used at work to the home.

(xvi) The responsibilities of the certified applicator as specified in subsection (1)(c) of this section.

(4) Recordkeeping.

(a) Certified applicators except private applicators, limited private applicators, and rancher private applicators, prior to directly supervising the use of federal restricted use pesticides, must create or verify the existence of records documenting that each noncertified applicator has the qualifications required in subsection (2) of this section. For each noncertified applicator, the records must contain the information appropriate to the method of qualification:

(i) If the noncertified applicator was trained in accordance with subsection (3) of this section, the record must contain all the following information:

(A) The noncertified applicator's printed name and signature;

(B) The date the noncertified applicator met the training requirement;

(C) The name of the individual who provided the training;

(D) The title and description of the training provided.

(ii) If the noncertified applicator was trained in accordance with subsection (2)(b) of this section, the record must contain all the information required by WAC 16-233-201(4).

(iii) If the noncertified applicator is a certified applicator who is not certified to perform the type of application being conducted or not certified in the jurisdiction where the use will take place, the record must include all the following information:

(A) The noncertified applicator's name;

(B) The noncertified applicator's license number;

(C) The expiration date of the noncertified applicator's license;

(D) The certifying authority that issued that license.

(b) Certified applicators except for private applicators, limited private applicators, and rancher private applicators must create or verify the existence of the record containing the required information specified in (a) of this subsection before allowing the noncertified applicator to use federal restricted use pesticides under their direct supervision.

(c) Certified applicators, except for private applicators, limited private applicators, and rancher private applicators, supervising

any noncertified applicator must have access to records documenting the information required in (a) of this subsection at the certified applicator's principal place of business for two years from the date the certified applicator used the federal restricted use pesticide.

(d) Private applicators supervising noncertified applicators must comply with training records recordkeeping requirements specified in WAC 16-233-201.

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-1548, filed 10/31/25, effective 1/1/26.]

WAC 16-228-1550 Apparatus display sign requirements. (1) A certified applicator making a landscape application shall display the name and telephone number of the applicator or applicator's employer on any apparatus.

(2) A certified applicator making a right of way application shall display the name and telephone number of the applicator or the applicator's employer and the words "VEGETATION MANAGEMENT APPLICATION" on any apparatus.

(3) Apparatus license plates, as provided for in chapter 17.21 RCW, shall be attached to and prominently displayed on the apparatus for which they have been issued: Provided that an apparatus license plate may be affixed to a vehicle which contains the particular apparatus. Attached plates shall be clearly visible and in a location easily accessible for inspection by the department.

(4) Lettering of the apparatus display signs shall be, at a minimum, two inches in height and shall be printed in color contrasting to the background.

[Statutory Authority: RCW 17.21.030(2) and 15.58.040(2). WSR 25-22-065, s 16-228-1550, filed 10/31/25, effective 1/1/26. Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1550, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1550, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1570 What are the circumstances when certification permits are used? (1) Private applicator certification, demonstration and research applicator certification, user permits and private-commercial applicator licenses shall be considered as certified applicator permits as provided for in RCW 17.21.030 and 15.58.040 (2) (h).

(2) User permits may be issued by the director as temporary applicator certification in emergency situations. User permits will be issued in a form prescribed by the director, which shall include the following:

- (a) Permit number
- (b) Date of issuance
- (c) Expiration date, which shall be not longer than one year from the date of issuance
- (d) Name and address of certified applicator
- (e) Crop or site and area to which the pesticide will be applied
- (f) Amount of pesticide obtained
- (g) Any other information prescribed by the director.

(3) Pesticide dealers shall keep user permits for a period of one year from the date of issuance, and the director shall have access to these records upon request.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1570, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1570, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1585 Are ground maintenance persons exempt from licensing? Grounds maintenance persons are exempt from licensing requirements as a commercial pesticide applicator, as provided under chapter 17.21 RCW, only if they perform ground maintenance on an occasional basis not amounting to a regular occupation. Exempted persons shall only perform pesticide applications to the grounds of residential dwellings and shall only use home and garden products.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1585, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1585, filed 10/20/99, effective 11/20/99.]

WAC 16-228-1590 What are the licensing requirements for pesticide dealers and dealer-manager businesses? (1) When more than one pesticide dealer is engaged in the business from the same outlet or location, each pesticide dealer shall obtain a license for said outlet or location.

(2) A licensed pesticide dealer manager shall be available to the staff, customers, and department representatives at all times that an outlet or location distributes pesticides. A dealer manager may be the designated dealer manager of more than one outlet or location only if the dealer manager can be physically present at both outlets or locations during all times of pesticide distribution and handling.

[Statutory Authority: Chapters 17.21, 15.58, 34.05 RCW. WSR 03-22-029, § 16-228-1590, filed 10/28/03, effective 11/28/03. Statutory Authority: Chapters 15.54, 15.58 and 17.21 RCW. WSR 99-22-002, § 16-228-1590, filed 10/20/99, effective 11/20/99.]

GENERAL PESTICIDE REGULATIONS—WOOD DESTROYING ORGANISMS

WAC 16-228-2005 Wood destroying organism inspections and reporting criteria. All persons required to be licensed to conduct wood destroying organism (WDO) inspections must comply with the rules set forth in this chapter.

(1) **Purpose:** This section will define terms associated with WDO inspections, identify the types of and specify the uses for WDO inspections and reports, and establish minimum rules under which WDO inspections must be conducted and reports written in the state of Washington.

(2) **Definitions:** The definitions set forth in this section must apply throughout unless the context otherwise requires. Definitions

contained in this section are nonexclusive to other uses in expanded or contracted form found elsewhere in the RCW or the Washington Administrative Code (WAC).

(a) Accessible areas: Areas typically and routinely visible by normal access.

(b) Conducive debris: Cellulose or noncellulose material that provides no structural support but can be a source of food or provide a habitat for WDOs. This definition includes, but is not limited to, tree roots, stumps, formboards, scrap wood, paper, wood product, paper product, or other natural or manufactured product.

(c) Complete wood destroying organism inspection: Inspection for the purpose of determining evidence of infestation, damage, or conducive conditions as part of the transfer, exchange, or refinancing of any structure in Washington state. Complete WDO inspections must also include any WDO inspection that is conducted as the result of telephone solicitation by an inspection, pest control, or other business, even if the inspection would fall within the definition of a specific WDO inspection.

(d) Conducive conditions: Conditions that may lead to or enhance an infestation of WDOs.

(e) Detached structure: Separate structure that is not physically connected to the subject structure by a foundation or roof system.

(f) Earth: Includes, but is not limited to, soil, decorative bark, gravel, rock, or other landscape materials.

(g) Excluded area: Area not inspected and therefore, not included in a WDO inspection.

(h) Frass: Specifically, solid larval insect excrement, but can include by-products of insect feeding or tunneling activity in wood or insulation materials.

(i) Inaccessible areas: Parts of a structure that cannot be inspected without excavation or the physical removal of objects are inaccessible and may be subject to infestation by WDOs. Such areas include, but are not limited to, wall voids, spaces between floors, areas concealed by insulation, substructures with clearances less than eighteen inches between unimproved ground and wood joists or the bottom of wood structural floors without joists or, less than twelve inches between unimproved ground and wood girders, substructures with insufficient clearance between structural members and/or ducts and piping and the finished grade to permit passage by an inspector for the purposes of a WDO inspection, floors beneath coverings, sleeper floors, areas concealed by furniture, appliances, and/or personal possessions, exterior wood decks with less than a five-foot clearance, locked rooms, or areas that imperil the health or safety of the inspector. These rules will not require inspectors to make extraordinary efforts to gain access to areas deemed inaccessible by the inspector. Inaccessible areas are, by their nature, excluded from the inspection.

(j) Inadequate ventilation: Condition promoting the retention of excessive moisture in substructures or other confined spaces and identified by, but not limited to, the presence of metal rust, condensation, mold, mildew, or fungal growth.

(k) Specific wood destroying organism inspection: Inspection of a structure for purposes of identifying or verifying evidence of an infestation of WDOs prior to pest management activities.

(l) Person is defined as any individual, partnership, association, corporation, or organized group of persons whether or not incorporated.

(m) Structure: A single building that includes any exterior attached decks, walks, stairways, or porches. For the purposes of this definition, entry and exit decks to manufactured homes are considered to be a part of the structure.

(n) Wood: Any material used in a structure that can be damaged by WDOs.

(o) Wood destroying organism: Insects or fungi that will consume, excavate, develop in, or otherwise modify the integrity of wood or wood products. For the purposes of this section, WDOs include, but are not limited to, carpenter ants, moisture ants, subterranean termites, dampwood termites, beetles in the family Anobiidae, and wood decay fungi (wood rot).

(p) Wood destroying organism inspection: The service of inspecting a building for the presence of WDOs, their damage, or conducive conditions leading to their development. For purposes of these rules, a WDO inspection must be defined as either a "complete WDO inspection" or a "specific WDO inspection."

(q) Wood destroying organism inspection report: The written opinion of an inspector licensed by the WSDA and based upon what was visible and evident at the time of an inspection.

(r) WSDA: Washington state department of agriculture.

[Statutory Authority: RCW 15.58.040 and chapter 34.05 RCW. WSR 02-24-025, § 16-228-2005, filed 11/27/02, effective 12/28/02.]

WAC 16-228-2015 Wood destroying organisms. (1) Evidence of WDOs found during an inspection must be described in all complete and specific WDO inspection reports. Report terminology must include, but is not limited to, the following:

(a) Carpenter ants: Carpenter ants must be reported as carpenter ants or carpenter ant activity when one or more of the following are found on or in any accessible area of the inspected structure. The report must identify approximate location and type of evidence found. Evidence indicating the presence of carpenter ants includes, but is not limited to:

(i) Live carpenter ants or carpenter ant carcasses.

(ii) An accumulation of frass unique to carpenter ants.

(iii) Excavation or tunneling unique to carpenter ants.

(b) Moisture ants: Moisture ants must be reported as moisture ants or moisture ant activity when one or more of the following are found on or in any accessible area of the inspected structure. The report must identify approximate location and type of evidence found. Evidence indicating the presence of moisture ants includes, but is not limited to:

(i) Live moisture ants or moisture ant carcasses.

(ii) An accumulation of frass unique to moisture ants.

(iii) Excavation or tunneling unique to moisture ants.

(c) Subterranean termites: Subterranean termites must be reported as subterranean termites or subterranean termite activity when one or more of the following are found on or in any accessible area of the inspected structure or, within three feet of the structure. The report must identify approximate location and type of evidence found. Evidence indicating the presence of subterranean termites includes, but is not limited to:

(i) Live subterranean termites, including winged reproductive forms.

(ii) Galleries or fecal material, unique to subterranean termites, in structural members.

(iii) Mud tubes, unique to subterranean termites, on or in the structure.

(iv) Evidence of subterranean termite activity found on or in form wood, other nonstructural materials, or wood products in landscape materials.

(d) Dampwood termites: Dampwood termites must be reported as dampwood termites or dampwood termite activity when one or more of the following are found on or in any accessible area of the inspected structure. The report must identify approximate location and type of evidence found. Evidence indicating the presence of dampwood termites includes, but is not limited to:

(i) Live dampwood termites, including winged reproductive forms.

(ii) Galleries or fecal material unique to dampwood termites.

(iii) Evidence of dampwood termite activity found on or in form wood, cellulose debris, other nonstructural materials, or wood products.

(e) Anobiid beetles: Anobiid beetles must be reported as anobiid beetles or anobiid beetle activity when one or more of the following are found on or in any accessible area of the inspected structure. The report must identify approximate location and type of evidence found. Evidence indicating the presence of anobiid beetles includes, but is not limited to:

(i) Circular, 1/16th to 1/8th inch (1.5 to 3 mm) emergence holes made by adult beetles in structural timbers.

(ii) An accumulation of frass, unique to anobiid beetles, in and around adult beetle emergence holes or beneath the wood where emergence holes are present.

(iii) Wood displaying the characteristic tunnels formed by anobiid beetle larvae.

(f) Wood decay fungi: Wood decay fungi must be reported as wood decay fungi or wood rot. The report must identify approximate location and type of evidence found. Conditions indicating that wood decay fungi, or damage attributable to these fungi, must be reported when one or more of the following are found on or in any accessible area of the structure subject to inspection. Evidence indicating the presence of wood decay fungi includes, but is not limited to:

(i) Wood or wood products containing visible damage unique to wood decay fungi.

(ii) Wood or wood products in which fungal bodies are developing.

(2) Adult beetle emergence holes, unique to wood infesting species in the families Buprestidae, Cerambycidae, and Lyctidae, may be reported for clarification purposes at the discretion of the inspector.

(3) Signs of wood decay fungi, such as brown pocket rot, and the marine mollusk (*Teredo*, shipworm) that may have occurred prior to the manufacturing or processing of lumber must, when observed, be reported as a nonreinfesting species or condition.

[Statutory Authority: RCW 15.58.040 and chapter 34.05 RCW. WSR 02-24-025, § 16-228-2015, filed 11/27/02, effective 12/28/02.]

WAC 16-228-2025 Conductive conditions. (1) Conducive conditions found during a complete WDO inspection must be noted in the complete WDO inspection report.

(2) Conducive conditions include, but are not limited to, the following:

(a) Earth in direct contact with wood or inadequate clearance between earth and any wood or material subject to damage from moisture.

(b) Vegetation, in direct contact with the exterior of a structure, which may contribute to moisture or damage by WDOs.

(c) Restricted or nonfunctioning gutter systems.

(d) Conducive debris in substructures.

(e) Bare or unimproved ground in substructures.

(f) Standing water or evidence of seasonal standing water in a substructure.

(g) Failed or missing caulk or grout at water splash areas.

(h) Moisture from plumbing leaks, lack of ventilation, or other sources that may contribute to damage by WDOs.

[Statutory Authority: RCW 15.58.040 and chapter 34.05 RCW. WSR 02-24-025, § 16-228-2025, filed 11/27/02, effective 12/28/02.]

WAC 16-228-2035 Complete wood destroying organism inspections.

(1) Any WDO inspection conducted by any person pursuant to the sale, exchange, or refinancing of real property or, as a result of telephone solicitation by an inspection, pest control, or other business, must be a complete WDO inspection and must be performed by individuals required to be licensed. Such inspections will be conducted in accordance with the rules established by this chapter.

(2) Inspectors must make a thorough inspection of accessible areas that are not specifically excluded in the report. Inspectors will not be required to place themselves into a position or gain access to any portion of a structure that may cause physical injury or otherwise imperil their health and safety. Access to structures should be restricted to the use of accepted methods and practices.

(3) Substructure crawl areas must be inspected when accessible. Inaccessibility of substructure crawl areas due to inadequate clearance, the presence of ducting or piping, foundation walls, partitions or other such conditions that block access must be explained in the inspection report and annotated on the report diagram. The report findings must state that inaccessible substructure crawl areas may be vulnerable to infestation by WDOs and should be made accessible for inspection.

(4) Limits of inspections: Complete WDO inspections will identify conditions present at a subject property at the time of an inspection. Inspectors are not required to report on any WDO infestation or other condition that might be subject to seasonal constraints or environmental conditions if evidence of those constraints or conditions is not visible at the time of the inspection.

[Statutory Authority: RCW 15.58.040 and chapter 34.05 RCW. WSR 02-24-025, § 16-228-2035, filed 11/27/02, effective 12/28/02.]

WAC 16-228-2045 Complete wood destroying organism inspection reports.

(1) Any report that identifies damage or infestation by WDOs or, conditions conducive to damage or infestation by WDOs pursuant to the sale, exchange, or refinancing of any structure or, as a result of telephone solicitation by an inspection, pest control, or other business, must be a complete WDO inspection report and must comply with

this section. The terms "Report" or "report" as used in this section will mean a complete WDO inspection report.

(2) Report form: A written report may take any form in presentation, provided that all elements of this section are included and identifiable.

(3) A complete WDO inspection report must be issued to the person paying for and/or otherwise requesting the inspection.

(4) Report contents: Reports must contain the information identified in this section, when and where applicable.

(a) Washington state department of agriculture inspection control number (WSDA ICN): A WSDA ICN must be obtained in accordance with the provisions of RCW 15.58.450 and be prominently displayed in the upper third of the front page of each report. This number must be unique to the structure(s) subject to the report. The assigned WSDA ICN must follow the original report and supplemental reports (if any) pertaining to the sale, exchange, or refinancing activity on a property for a specific client. A new WSDA ICN must be issued for any subsequent sale, exchange, or refinancing activity.

(b) Date: The date the inspection was conducted must be provided on the first page of the report.

(c) Parties involved in the real estate transaction: The name of the property owner, their designated representative, or purchaser of the inspection report must be identified on the first page of the report.

(d) Address of structure inspected: The complete address will include, but is not limited to, building number, street name, city, and state and must be identified on the first page of the report. Where multiple structures at a property may have the same basic address, a building letter, unit number, or other recognizable method must be used to identify the specific building inspected.

(e) Inspector: The name of the inspector and WSDA license number must be provided on the first page of the report.

(5) Report of findings: A complete WDO inspection report must detail the findings of the inspector. The following minimum conditions, where applicable, must be in the body of the report.

(a) Damage and/or infestation by WDOs: The report must identify any damage or infestation by WDOs on or in the structure.

(b) Conditions conducive to damage and/or infestation by WDOs must be explained in narrative form in accordance with the provisions of WAC 16-228-2025. When evidence of moisture ants, dampwood termites, wood infesting anobiids, or wood decay fungi is detected during a complete WDO inspection, the inspector must identify and report the condition(s) conducive to such infestations. It must be stated in the report that such infestations may be eliminated by removal of all infested wood and correction of any contributing conducive conditions.

(c) When reporting conducive conditions, the inspector must describe the condition and annotate the diagram with an approximate location of that condition. Provided that; if conducive conditions within the interior of the structure can be clearly described in the report findings, diagramed representation of such conditions is not required.

(d) Inaccessible areas will be fully identified in narrative form where such areas are annotated on the report diagram.

(e) Excluded areas: The report must list all excluded areas not already defined in WAC 16-228-2005 (2)(i) as inaccessible.

(6) Diagrams: A diagram must be prepared for each inspection report. Upon request, a copy must be provided to the person paying for and/or otherwise requesting the inspection.

(a) A diagram is not required when there are no findings as described in WAC 16-228-2015 and 16-228-2025.

(b) Scaled diagrams are not required; however, diagrams must reasonably resemble the perimeter or footprint of the building being inspected and legibly convey any information that is a required part of the diagram.

(c) Diagrams must identify the approximate location of inaccessible areas.

(d) Diagrams must identify the approximate location of WDOs, damage, and/or conducive conditions leading to an infestation of WDOs.

(e) Where abbreviations are used on a diagram, a legend must be provided to explain the abbreviations.

(f) When a diagram is not provided as part of the report, the following statement must appear in a prominent location. "WAC 16-228-2045 requires that a diagram be prepared for WDO inspection reports. A copy is available upon request."

(g) Locations for this statement include, but are not limited to, the following:

(i) Above or beneath the WSDA ICN;

(ii) On written documents such as preinspection agreements or attachments to the report.

(h) This statement must stand out by having larger print than the main body of the report, be highlighted, or be in bold print.

(7) Excluded areas must be annotated on the diagram.

(8) A record of all complete WDO inspection reports prepared for real estate transactions or resulting from telephone solicitation must be maintained on file by the inspecting firm for a period of four years. Upon written request, these records must be made available to the WSDA.

[Statutory Authority: RCW 15.58.040 and chapter 34.05 RCW. WSR 02-24-025, § 16-228-2045, filed 11/27/02, effective 12/28/02.]

WAC 16-228-2050 Specific wood destroying organism inspections.

(1) Specific WDO inspections must only be conducted by individuals licensed in the classification of pest control operator structural specified in WAC 16-228-1545 (3)(a)(vii) or structural pest inspector specified in WAC 16-228-1545 (3)(a)(xiii). Such inspections will be conducted in accordance with the rules established by this section.

(2) A specific WDO inspection must be conducted in conjunction with any proposal or estimate for prevention or control of WDOs.

(3) When no evidence of infestation is observed and any proposed treatment is for preventative purposes only, a statement explaining such a situation must stand out by having larger print than the main body of the report, be highlighted, underlined, or be in bold print and be signed by the property owner or their designated representative.

[Statutory Authority: RCW 15.58.040, 17.21.030, and chapter 34.05 RCW. WSR 16-24-052, § 16-228-2050, filed 12/2/16, effective 1/2/17. Statutory Authority: RCW 15.58.040 and chapter 34.05 RCW. WSR 02-24-025, § 16-228-2050, filed 11/27/02, effective 12/28/02.]

WAC 16-228-2060 Specific wood destroying organism inspection reports.

(1) A specific WDO inspection report must be completed in conjunction with any proposal or estimate for prevention or control of WDOs. Pest management activities performed under an existing warranty will not require the preparation of a specific WDO inspection report.

(2) A specific WDO inspection report must not be construed as a complete WDO inspection report or, in any case, be used in lieu of a complete WDO inspection report for the sale, exchange, or refinancing of real property. A statement explaining the restriction against use in real estate transactions must stand out by having larger print than the main body of the report, be highlighted, underlined, or be in bold print on all specific WDO inspection reports.

(3) Report form: A specific WDO inspection report may take any written form in presentation, provided that all elements of this section are identifiable.

(4) A specific WDO inspection report must be issued to the person requesting the inspection.

(5) Report contents: Specific WDO inspection reports will contain the information identified in this section, when and where applicable.

(a) The name of the owner (or their representative) requesting the inspection or estimate for pest management of WDOs must be provided on the first page of the report.

(b) Date: The date the inspection was conducted must be provided on the first page of the report.

(c) Address of structure inspected: The complete address will include, but is not limited to, building number, street name, city, and state and must be identified on the first page of the report. Where multiple buildings at a property may have the same basic address, a building letter, unit number, or other recognizable method must be used to identify the specific building inspected.

(d) Inspector: The name of the inspector and WSDA license number must be provided on the first page of the report.

(6) Report of findings: A specific WDO inspection report must detail the findings of the inspector. The following minimum conditions, where applicable, must be in the body of the report.

(a) The report must include a statement describing the presence of, or signs of, infestation by WDOs that were identified and resulted in the proposal or estimate. Approximate location(s) of the WDOs or signs of infestation(s) reported on or in the structure must be clearly identified on a diagram. If the proposed treatment is for preventative purposes only, the report must so state. All WDOs must be identified by their proper name as described in WAC 16-228-2005.

(b) When a proposal or estimate is prepared for the treatment of moisture ants, dampwood termites, wood infesting beetles, or wood decay fungi the inspector must, where possible, identify and report the condition(s) conducive to such infestations. It must be stated in the report that infestations of such WDOs may be eliminated by removal of all infested wood and correction of any contributing conducive conditions.

(7) Diagrams: A diagram must be prepared for each inspection report and must accompany that report.

(a) A diagram is not required when there are no findings as described in WAC 16-228-2015 and 16-228-2025.

(b) Scaled diagrams are not required however, diagrams must reasonably resemble the perimeter or footprint of the building being inspected and legibly convey any information that is a required part of the diagram.

(c) A diagram must identify the approximate location of WDOs and/or signs of infestation(s) by WDOs.

(d) Where abbreviations are used on a diagram, a legend must be provided to explain the abbreviations.

(8) A record of all specific WDO inspection reports must be maintained on file by the inspecting firm for a period of one year. Upon request, these records must be made available to the WSDA.

[Statutory Authority: RCW 15.58.040 and chapter 34.05 RCW. WSR 02-24-025, § 16-228-2060, filed 11/27/02, effective 12/28/02.]