

Chapter 16-230 WAC

USE OF CHEMICALS AND CHEMICALLY TREATED MATERIALS IN CERTAIN COUNTIES

<p>WAC 16-230-010 16-230-015 16-230-030 16-230-075 16-230-076 16-230-078 16-230-079 16-230-082 16-230-084 16-230-086 16-230-088 16-230-150 16-230-160 16-230-170 16-230-180 16-230-190 16-230-400 16-230-410 16-230-420 16-230-430 16-230-440 16-230-450 16-230-460 16-230-470 16-230-510 16-230-520 16-230-600 16-230-605 16-230-610 16-230-615 16-230-625 16-230-630 16-230-635 16-230-640 16-230-645 16-230-650 16-230-655 16-230-660 16-230-665 16-230-670 16-230-673</p>	<p>What are the restrictions on insecticides used on blossoming alfalfa, clover and mint? What definitions apply to this section? What are the use restrictions for alfalfa and clover pesticide applications? What are the restrictions for blossoming mint pesticide applications? What are the boundaries and restrictions for Area 1? What are the boundaries and restrictions for Area 2? Can the department issue special permits? What are the use restrictions on pesticides used on pollen shedding corn? What are the restrictions in Areas 1 and 2? What are the restrictions in Area 3? May a permit be issued for a variance from restrictions? What areas are under order for use restricted desiccants and defoliant? Desiccants and defoliant—Ground equipment—Nozzle and pressure requirements for the entire area under order. Desiccants and defoliant—Aerial equipment—Boom length, pressure, nozzle requirement, nozzle height of discharge and smoke device requirements for the entire area under order. What are the weather and evening cutoff requirements for desiccants and defoliant? What are the restrictions on the use of desiccants and defoliant in Walla Walla County? What is the area under order for use restricted herbicides in Spokane County? What are use restricted herbicides in Spokane County? What are the boundaries and restrictions for Area 2? What are the boundaries and restrictions for Area 3? What are the boundaries and restrictions for Area 4? What information does an aerial applicator need from the landowner? Does a commercial greenhouse need to be notified? When is the application of use restricted herbicides prohibited due to wind conditions? Definition. Use and application. Can high volatile ester and dust formulations be used in Washington and what are the areas under order for use restricted herbicides? Can additional county rules be applied to herbicides? What are use restricted herbicides in Eastern Washington? What are the restrictions on sale and distribution of use restricted phenoxy-hormone type herbicides and dicamba in Eastern Washington? What are the restrictions on mixing and loading use restricted herbicides? What are the restrictions for storage of use restricted herbicides? What are the restrictions on petroleum and vegetable oil carriers and spray adjuvants? Use restricted herbicides—Eastern Washington—Weather and temperature conditions. What is the evening cutoff for use restricted herbicides? Can a permit be issued for the application of certain use restricted herbicides? Use restricted herbicides—Eastern Washington—Ground equipment pressure requirements. Can an aircraft turn or fly low over cities and towns? What are the restrictions on aerial applications near vineyards? Use restricted herbicides—Eastern Washington—Aircraft boom length and pressure requirements. Use restricted herbicides—Eastern Washington—Application through irrigation systems.</p>	<p>16-230-675 16-230-800 16-230-810 16-230-813 16-230-815 16-230-820 16-230-825 16-230-830 16-230-835 16-230-836 16-230-840 16-230-845 16-230-850 16-230-855 16-230-860 16-230-861 16-230-863 16-230-864 16-230-866 16-230-868</p>	<p>Use restricted herbicides—Eastern Washington—Minimum nozzle orifice and core plate sizes for aircraft application. What is the area under order for Benton County? What are the restrictions on the application of certain pesticides in Benton County? When are oil-type carriers prohibited in Benton County? Can Paraquat and Diquat be applied by air in Benton County? Can sulfonyleurea herbicides be applied by air in Benton County? What are the conditions applying to permits in Benton County? Can use restricted pesticides be applied in an emergency? What are the boundaries and restrictions for Area 1? What are the boundaries and restrictions in Area 1A? What are the boundaries and restrictions for Area 2? What are the boundaries and restrictions for Area 3? What are the boundaries and restrictions for Area 4? What are the boundaries and restrictions for Area 5? What are the boundaries and restrictions for Area 6? What are the restrictions on applications due to wind conditions? Application of pesticides in Benton County—Use restricted herbicides ground apparatus nozzle requirements. Application of pesticides in Benton County—Use restricted herbicides, aircraft boom length, pressure, and nozzle requirements. Application of pesticides in Benton County—Use restricted herbicides—Temperature conditions. What are the restrictions due to weather?</p>
DISPOSITION OF SECTIONS FORMERLY CODIFIED IN THIS CHAPTER			
		<p>16-230-001 16-230-020 16-230-040 16-230-050 16-230-060</p>	<p>Promulgation. [Order 1041, Promulgation, filed 2/15/67, effective 3/20/67; Order 980, Promulgation, filed 4/6/65; Order 945, filed 3/30/64; Order 916, filed 4/22/63; Order 887, filed 4/17/62.] Repealed by 84-09-012 (Order 1818), filed 4/10/84. Statutory Authority: Chapters 15.58 and 17.21 RCW. Nonuse on blossoming alfalfa and clover crops. [Order 1041, Regulation 4, filed 2/15/67, effective 3/20/67; Order 980, Regulation 4, filed 4/6/65; Order 945, Regulation 4, filed 3/30/64; Order 916, Regulation 2, filed 4/22/63; Order 887, Regulation 2, filed 4/17/62.] Repealed by 84-09-012 (Order 1818), filed 4/10/84. Statutory Authority: Chapters 15.58 and 17.21 RCW. Spray chemicals—Time when. [Order 1041, Regulation 6, filed 2/15/67, effective 3/20/67; Order 980, Regulation 6, filed 4/6/65; Order 945, Regulation 6, filed 3/30/64; Order 916, Regulation 4, filed 4/22/63; Order 887, Regulation 4, filed 4/17/62.] Repealed by 84-09-012 (Order 1818), filed 4/10/84. Statutory Authority: Chapters 15.58 and 17.21 RCW. Endrin spray or dust—Time when. [Order 1041, Regulation 7, filed 2/15/67, effective 3/20/67; Order 980, Regulation 7, filed 4/6/65; Order 945, Regulation 7, filed 3/30/64; Order 916, Regulation 5, filed 4/22/63; Order 887, Regulation 5, filed 4/17/62.] Repealed by 84-09-012 (Order 1818), filed 4/10/84. Statutory Authority: Chapters 15.58 and 17.21 RCW. Dieldrin Sevin—Spray or dust—Time when. [Order 1041, Regulation 8, filed 2/15/67, effective 3/20/67; Order 980, Regulation 8, filed 4/6/65; Order 945, Regulation 8, filed 3/30/64; Order 916, Regulation 6, filed 4/22/63; Order 887, Regulation 6, filed 4/17/62.] Repealed by 84-09-012 (Order 1818), filed 4/10/84. Statutory Authority: Chapters 15.58 and 17.21 RCW.</p>

- 16-230-070 Parathion, metacide and methyl parathion—Use when. [Order 916, Regulation 7, filed 4/22/63; Order 887, Regulation 7, filed 4/17/62.] Omitted from Orders 945 and 980 which superseded Orders 916 and 887.
- 16-230-080 Time of sunrise and sunset. [Order 1041, Regulation 10, filed 2/15/67, effective 3/20/67; Order 980 (part), filed 4/6/65; Order 945 (part), filed 3/30/64; Order 916 (part), filed 4/22/63; Order 887, Regulation 7, filed 4/17/62.] Repealed by 84-09-012 (Order 1818), filed 4/10/84. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-230-085 Aircraft carrying restricted use pesticides—Permission required. [Order 1041, Regulation 11, filed 2/15/67, effective 3/20/67.] Repealed by 84-09-012 (Order 1818), filed 4/10/84. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-230-090 Restrictions in certain areas. [Order 1041, Regulation 12, filed 2/15/67, effective 3/20/67.] Repealed by 84-09-012 (Order 1818), filed 4/10/84. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-230-100 Regulations pertaining to the collection of special program fees on sales of 2,4-D—Promulgation. [Order 1424, § 16-230-100, filed 10/2/75.] Repealed by 84-09-013, (Order 1819), filed 4/10/84. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-230-101 Promulgation. [Order 1469, § 16-230-101, filed 5/14/76.] Repealed by 84-09-013, (Order 1819), filed 4/10/84. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-230-110 Regulations pertaining to the collection of special program fees on sales of 2,4-D—Definitions. [Order 1469, § 16-230-110, filed 5/14/76; Order 1424, Regulation 1 (codified as WAC 16-230-110), filed 10/2/75.] Repealed by 91-06-019 (Order 2073), filed 2/26/91, effective 3/29/91. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-230-115 Procedure for collecting special program fees. [Statutory Authority: Chapters 15.58 and 17.21 RCW. 79-07-016 (Order 1637), § 16-230-115, filed 6/12/79; 78-06-076 (Order 1576), § 16-230-115, filed 5/31/78; Order 1534, § 16-230-115, filed 7/1/77; Order 1469, § 16-230-115, filed 5/14/76; Order 1424, Regulation 2 (codified as WAC 16-230-115), filed 10/2/75.] Repealed by 91-06-019 (Order 2073), filed 2/26/91, effective 3/29/91. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-230-120 Procedure for submitting reports. [Statutory Authority: Chapters 15.58 and 17.21 RCW. 79-07-016 (Order 1637), § 16-230-120, filed 6/12/79; 78-06-076 (Order 1576), § 16-230-120, filed 5/31/78; Order 1534, § 16-230-120, filed 7/1/77; Order 1469, § 16-230-120, filed 5/14/76; Order 1424, Regulation 3 (codified as WAC 16-230-120), filed 10/2/75.] Repealed by 91-06-019 (Order 2073), filed 2/26/91, effective 3/29/91. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-230-200 Walla Walla County Area 2. [Order 1545, § 16-230-200, filed 11/30/77.] Repealed by 79-02-046 (Order 1591), filed 1/29/79. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-230-250 Microencapsulated methyl parathion—Area under order. [Statutory Authority: Chapter 17.21 RCW. 93-17-041 (Order 5002), § 16-230-250, filed 8/11/93, effective 9/11/93. Statutory Authority: Chapters 15.58 and 17.21 RCW. 78-05-042 (Order 1573), § 16-230-250, filed 4/21/78.] Repealed by 04-18-023A, filed 8/24/04, effective 9/24/04. Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. Later promulgation, see WAC 16-228-1220.
- 16-230-260 Microencapsulated methyl parathion—Definitions. [Statutory Authority: Chapter 17.21 RCW. 93-17-041 (Order 5002), § 16-230-260, filed 8/11/93, effective 9/11/93. Statutory Authority: Chapters 15.58 and 17.21 RCW. 78-05-042 (Order 1573), § 16-230-260, filed 4/21/78.] Repealed by 04-18-023A, filed 8/24/04, effective 9/24/04. Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. Later promulgation, see WAC 16-228-1220.
- 16-230-270 Microencapsulated methyl parathion—Restrictions. [Statutory Authority: Chapter 17.21 RCW. 93-17-041 (Order 5002), § 16-230-270, filed 8/11/93, effective 9/11/93. Statutory Authority: Chapters 15.58 and 17.21 RCW. 79-04-018 (Order 1595), § 16-230-270, filed 3/16/79; 78-05-042 (Order 1573), § 16-230-270, filed 4/21/78.] Repealed by 04-18-023A, filed 8/24/04, effective 9/24/04. Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. Later promulgation, see WAC 16-228-1220.
- 16-230-280 Six-mile radius. [Statutory Authority: Chapters 15.58 and 17.21 RCW. 78-05-042 (Order 1573), § 16-230-280, filed 4/21/78.] Repealed by 93-17-041 (Order 5002), filed 8/11/93, effective 9/11/93. Statutory Authority: Chapter 17.21 RCW.
- 16-230-281 Microencapsulated methyl parathion—Emergency clause—Permits. [Statutory Authority: Chapter 17.21 RCW. 93-17-041 (Order 5002), § 16-230-281, filed 8/11/93, effective 9/11/93.] Repealed by 04-18-023A, filed 8/24/04, effective 9/24/04. Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. Later promulgation, see WAC 16-228-1220.
- 16-230-290 Microencapsulated methyl parathion—Distribution. [Statutory Authority: Chapter 17.21 RCW. 93-17-041 (Order 5002), § 16-230-290, filed 8/11/93, effective 9/11/93. Statutory Authority: Chapters 15.58 and 17.21 RCW. 78-05-042 (Order 1573), § 16-230-290, filed 4/21/78.] Repealed by 04-18-023A, filed 8/24/04, effective 9/24/04. Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. Later promulgation, see WAC 16-228-1220.
- 16-230-300 Supersedure. [Statutory Authority: Chapters 15.58 and 17.21 RCW. 78-05-042 (Order 1573), § 16-230-300, filed 4/21/78.] Repealed by 93-17-041 (Order 5002), filed 8/11/93, effective 9/11/93. Statutory Authority: Chapter 17.21 RCW.
- 16-230-475 Restricted use herbicides—Distribution, use, and application. [Statutory Authority: Chapters 15.58 and 17.21 RCW. 88-09-013 (Order 1973), § 16-230-475, filed 4/12/88.] Repealed by 91-06-019 (Order 2073), filed 2/26/91, effective 3/29/91. Statutory Authority: Chapters 15.58 and 17.21 RCW.
- 16-230-620 Low volatile. [Statutory Authority: Chapters 15.58 and 17.21 RCW. 80-03-041 (Order 1680), § 16-230-620, filed 2/20/80.] Repealed by 07-11-041A, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW.
- 16-230-805 Application of pesticides in Benton County and portions of Franklin and Walla Walla counties—Recordkeeping. [Statutory Authority: Chapters 17.21 and 15.58 RCW. 89-16-073 (Order 2014), § 16-230-805, filed 7/31/89, effective 8/31/89.] Repealed by 90-14-034 (Order 2046), filed 6/29/90, effective 7/30/90. Statutory Authority: Chapters 17.21 and 15.58 RCW.
- 16-230-862 Application of pesticides in Benton County—Area 1A. [Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-862, filed 11/22/00, effective 12/23/00; 92-13-035, § 16-230-862, filed 6/10/92, effective 7/11/92.] Repealed by 07-11-041A, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW.
- 16-230-865 Other rules. [Statutory Authority: Chapters 17.21 and 15.58 RCW. 90-14-034 (Order 2046), § 16-230-865, filed 6/29/90, effective 7/30/90; 89-16-073 (Order 2014), § 16-230-865, filed 7/31/89, effective 8/31/89.] Repealed by 92-13-035, filed 6/10/92, effective 7/11/92. Statutory Authority: Chapters 17.21 and 15.58 RCW.
- 16-230-870 Other rules. [Statutory Authority: Chapters 17.21 and 15.58 RCW. 92-13-035, § 16-230-870, filed 6/10/92, effective 7/11/92.] Repealed by 00-24-002, filed 11/22/00, effective 12/23/00. Statutory Authority: Chapters 17.21 and 15.58 RCW.

WAC 16-230-010 What are the restrictions on insecticides used on blossoming alfalfa, clover and mint? For the purposes of WAC 16-230-010 through 16-230-079, the following pesticides have additional statewide use restrictions when applied to blossoming alfalfa, clover and mint.

COMMON CHEMICAL NAME	ALSO KNOWN AS*
acephate	Orthene
azinphos-methyl	Guthion
carbaryl	Sevin
carbofuran	Furadan
chlorpyrifos	Lorsban
diazinon	
dimethoate	Cygon

COMMON CHEMICAL NAME	ALSO KNOWN AS*
disulfoton	Di-Syston
endosulfan	Thiodan
fluvalinate	Spur
formetanate hydrochloride	Carzol
malathion	Fyfanon
methidathion	Supracide
methomyl	Lannate, Nudrin
methoxychlor	Marlate
methyl parathion	
naled	Dibrom
oxamyl	Vydate
oxydemeton-methyl	Metasystox-R
phorate	Thimet
phosmet	Imidan
trichlorfon	Dylox

* This column is to be used only as a guide and may not include all brand or trade names under which these chemicals are distributed.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-010, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 88-21-098 (Order 1989), § 16-230-010, filed 10/19/88; 84-09-012 (Order 1818), § 16-230-010, filed 4/10/84; Order 1041, Regulations 2 and 3, filed 2/15/67, effective 3/20/67; Order 980, Regulations 2 and 3, filed 2/30/64; Order 916, Regulation 1, filed 4/22/63; Order 887, Regulation 1, filed 4/17/62.]

WAC 16-230-015 What definitions apply to this section? (1) The term "blossoming alfalfa, mint or clover" as used in WAC 16-230-010 through 16-230-083 shall apply when there are five or more blooms per square yard on the average in a given field: Provided, That following the first cutting the bloom count shall be taken only on the current crop. For the purpose of this rule, a "bloom" on clover or alfalfa is defined as any alfalfa raceme or clover head containing one or more open flowers. A "bloom" on mint is defined as any head or spike with one or more open (florets) flowers.

(2) The time of sunrise and sunset shall be that of the official tables, U.S. Weather Bureau, Yakima, Washington.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-015, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 84-09-012 (Order 1818), § 16-230-015, filed 4/10/84; Order 1041, Regulation 1, filed 2/15/67, effective 3/20/67; Order 980, Regulation 1, filed 4/6/65; Order 945, Regulation 1, filed 3/30/64.]

WAC 16-230-030 What are the use restrictions for alfalfa and clover pesticide applications? (1) The use or application of any formulation (except where the formulation is specified) of the following listed pesticides is prohibited on blossoming alfalfa and clover crops within seven days to blossoming: Provided, That methidathion (Supracide) when used in Kittitas County on timothy hay mixed with alfalfa and/or clover shall only be prohibited within three days to blossoming. See WAC 16-230-076 and 16-230-078 for additional restrictions in certain areas of Walla Walla County.

- Azinphos-methyl (Guthion)
- Carbaryl (Sevin)
- Carbofuran (Furadan)
- Dimethoate (Cygon)
- Methidathion (Supracide)

(2) The use or application of liquid formulations of chlorpyrifos (Lorsban), wettable powder formulations of

naled (Dibrom), and liquid or wettable powder formulations of malathion (Fyfanon) and phorate (Thimet) applied as sprays on blossoming alfalfa or clover crops is restricted to applications only within the period beginning at two hours prior to sunset and ending at midnight of the same day.

(3) The use or application of any formulation (except where the formulation is specified) of the following pesticides is prohibited on blossoming alfalfa and clover crops:

- Carbaryl (Sevin) see number (1) above
- Diazinon
- Fenthion (Baytex)
- Malathion (Fyfanon) ULV and dust
- Methyl parathion
- Naled (Dibrom) dust
- Phosmet (Imidan)

(4) The use or application of the following listed pesticides or any formulation thereof (except where the formulation is specified) on blossoming alfalfa and clover crops is restricted to applications only within the period beginning at two hours prior to sunset and ending at two and one-half hours after sunrise the following morning: Provided, That methomyl (Lannate or Nudrin) shall only be applied to blossoming clover crops pursuant to this rule, and its application to blossoming alfalfa is further restricted to applications only within the period beginning at two hours prior to sunset and ending at midnight the same day: Provided further, That the application of the following use restricted pesticides on blossoming alfalfa in Walla Walla County is further restricted to applications only within the period beginning at sunset and ending at two hours after midnight the following morning:

- Formetanate hydrochloride (Carzol)
- Naled (Dibrom) emulsifiable concentrate
- Disulfoton (Di-Syston)
- Endosulfan (Thiodan)
- Oxydemeton-methyl (Metasystox-R)
- Methomyl (Lannate or Nudrin)
- Methoxychlor (Marlate)
- Phorate (Thimet) granular
- Trichlorfon (Dylox)
- Oxamyl (Vydate)
- Fluvalinate (Spur)

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-030, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 88-21-098 (Order 1989), § 16-230-030, filed 10/19/88; 88-08-050 (Order 1971), § 16-230-030, filed 4/4/88; 84-09-012 (Order 1818), § 16-230-030, filed 4/10/84; Order 1041, Regulation 5, filed 2/15/67, effective 3/20/67; Order 980, Regulation 5, filed 4/6/65; Order 945, Regulation 5, filed 3/30/64; Order 916, Regulation 3, filed 4/22/63; Order 887, Regulation 3, filed 4/17/62.]

WAC 16-230-075 What are the restrictions for blossoming mint pesticide applications? The use or application of malathion dust on blossoming mint is prohibited. The use or application of malathion (Fyfanon) liquid, oxydemeton-methyl (Metasystox-R), and methomyl (Lannate or Nudrin) liquid on blossoming mint is restricted to applications only within the period beginning at two hours prior to sunset and ending at two and one-half hours after sunrise the following morning. The use or application of any formulation of acephate (Orthene) on blossoming mint is restricted to applications only within the period beginning at two and one-half hours prior to sunset and ending at midnight of the same day.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-075, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 88-21-098 (Order 1989), § 16-230-075, filed 10/19/88; 84-09-012 (Order 1818), § 16-230-075, filed 4/10/84; Order 1041, Regulation 9, filed 2/15/67, effective 3/20/67; Order 980, Regulation 9, filed 4/6/65; Order 945, Regulation 9, filed 3/30/64.]

WAC 16-230-076 What are the boundaries and restrictions for Area 1? (1) Area 1 description. South central Walla Walla County - All lands lying within a line starting at the junction of the Washington-Oregon border and the Rainville Road; thence north along the Rainville Road to the Frog Hollow Road; thence west along the Frog Hollow Road to the McDonald Road; thence north along the McDonald and Bridge Road to State Highway 12; thence west along Highway 12 to the Woodward Canyon Road; thence north and west along the Woodward Canyon Road to the northeast corner of Section 24, T7N, R33E; thence west along the section lines to the northwest corner of Section 23, T7N, R32E; thence south along the section lines to the Walla Walla River; thence southerly along the Walla Walla River to its intersection with the west section line of Section 7, T6N, R33E; thence south along the section lines to the Washington-Oregon border; thence east along the border to the point of beginning.

(2) Area 1 restrictions. In addition to the restrictions in WAC 16-230-030, the use or application of azinphos-methyl (Guthion), carbofuran (Furadan), phosmet (Imidan), chlorpyrifos (Lorsban), and methidathion (Supracide) on alfalfa and clover crops, is prohibited after May 23 of each year, and the use or application of dimethoate (Cygon) on alfalfa and clover crops is prohibited after May 30 of each year.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-076, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 88-21-098 (Order 1989), § 16-230-076, filed 10/19/88; 84-09-012 (Order 1818), § 16-230-076, filed 4/10/84.]

WAC 16-230-078 What are the boundaries and restrictions for Area 2? (1) Area 2 description. South central Walla Walla County - All lands lying within a line starting at the junction of the Rainville Road and the Washington-Oregon border; thence north to the Frog Hollow Road; thence east along the Frog Hollow Road to the Valley Chapel Road; thence south along the Valley Chapel Road to the Washington-Oregon border; thence west along the border to the point of beginning.

(2) Area 2 restrictions. In addition to the restrictions in WAC 16-230-030, the use or application of azinphos-methyl (Guthion), carbofuran (Furadan), phosmet (Imidan), chlorpyrifos (Lorsban), and methidathion (Supracide) on alfalfa and clover crops, is prohibited after May 30 of each year, and the use or application of dimethoate (Cygon) on alfalfa and clover crops is prohibited after June 6 of each year.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-078, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 88-21-098 (Order 1989), § 16-230-078, filed 10/19/88; 84-09-012 (Order 1818), § 16-230-078, filed 4/10/84.]

WAC 16-230-079 Can the department issue special permits? The department may issue a permit upon receipt of a written request to apply use restricted pesticides listed in WAC 16-230-010 in variation of any restrictions listed in

WAC 16-230-015, 16-230-030, and 16-230-075 through 16-230-078. The department will consider the hazard to pollinating insects before a permit is issued.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-079, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 88-08-050 (Order 1971), § 16-230-079, filed 4/4/88.]

WAC 16-230-082 What are the use restrictions on pesticides used on pollen shedding corn? (1) The term "pollen shedding corn" as used in WAC 16-230-082 through 16-230-088 shall be that stage of growth when ten percent or more of the corn plants in any one quarter portion of a field are showing spike anthers.

(2) The insecticides* carbaryl (Sevin), diazinon, endosulfan (Thiodan), fenvalerate (Pydrin), malathion (Fyfanon), methomyl (Lannate or Nudrin), methyl parathion, parathion, and permethrin (Ambush or Pounce) are by this order declared to be use restricted insecticides. Such insecticides are restricted in their use in Areas 1, 2 and 3 in eastern Washington.

(3) Area under order. Area 1 - Yakima County; Area 2 - Franklin, Adams and Grant counties; Area 3 - Area within Area 2 in Grant County.

* Listed trade names are to be used as a guide and may not include all the trade or brand names under which the chemicals are distributed.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-082, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 84-09-013 (Order 1819), § 16-230-082, filed 4/10/84.]

WAC 16-230-084 What are the restrictions in Areas 1 and 2? (1) Area 1 description - Yakima County. This area includes all of the irrigable lands encompassed by a line beginning at the southwest corner of Section 18, T8N, R21E; thence north nine miles more or less to the southeast corner of Section 36, T10N, R20E; thence fifteen miles west more or less to the southwest corner of Section 34, T10N, R18E; thence north fifteen miles more or less to the northwest corner of Section 22, T12N, R18E; thence east four miles more or less to the Northern Pacific Railroad tracks; thence following the tracks southeast to the Oldenway Road; thence north along the Oldenway Road and section lines to the Yakima River; thence southeast along the Yakima River to Highway 22 north of Toppenish; thence north along Highway 22 to Highway 12 at Buena; thence southeasterly along Highway 12 to the southern section line of Section 31, T11N, R21E; thence south one-quarter mile more or less to the Yakima River; thence southeast along the Yakima River to the Sunnyside-Mabton Road; thence south one mile to the Boundary Road; thence southwest along the Boundary Road and the Yakima Indian reservation boundary to the northern section line of Section 22, T8N, R22E; thence west nine miles more or less to the point of beginning.

(2) Area 2 description - Franklin, Adams and Grant counties. This area includes all of the irrigable lands encompassed by a line beginning at Highway 12 and the Columbia River; thence north and west following the river the length of Franklin County and into Grant County to the junction of Grant-Douglas County line; thence north on Grant-Douglas County line to the fifth standard parallel north; thence east twenty-five miles more or less to Highway 17; thence south-

east seventeen miles more or less on Highway 17 to Highway 90; thence east twelve miles more or less to Grant-Adams County line; thence south on county line twelve miles more or less to the southeast corner of Section 36, T17N, R30E (southeast corner of Grant County); thence south twelve miles more or less (in Adams County) along east boundary of Section 1, 12, 13, 24, 25, 36, T16N, R30E; thence south along east boundary of Sections 1, 12, 13, 24, 25, 36, T15N, R30E continuing south into Franklin County along east boundary of Section 1 and 12, T14N, R30E to southeast corner of said Section 12; thence west one mile to Highway 17 (Franklin County); thence south on Highway 17 seventeen miles more or less to junction with Highway 395; thence south on Highway 395 fifteen miles more or less to Highway 12; thence west and south four miles more or less to Columbia River to the point of beginning.

(3) Area 1 and 2 restrictions.

(a) On and after August 1 to October 1 of any given year, application of carbaryl (Sevin) (except Sevin XLR), methyl parathion and malathion dust in any combination on pollen shedding corn is prohibited.

(b) On and after August 1 to August 15 of any given year, application of diazinon, fenvalerate (Pydrin), endosulfan (Thiodan), Sevin XLR, methomyl (Lannate or Nudrin), malathion liquid, and permethrin (Ambush or Pounce) on pollen shedding corn is prohibited between the hours of 7:00 a.m. and 2:00 p.m.

(c) On and after August 15 to September 1 of any given year, application of diazinon, fenvalerate (Pydrin), endosulfan (Thiodan), Sevin XLR, methomyl (Lannate or Nudrin), malathion (Fyfanon) liquid, and permethrin (Ambush or Pounce) on pollen shedding corn is prohibited between the hours of 8:30 a.m. and 3:30 p.m.

(d) On and after September 1 to October 1 of any given year, application of diazinon, fenvalerate (Pydrin), endosulfan (Thiodan), Sevin XLR, methomyl (Lannate or Nudrin), malathion (Fyfanon) liquid, and permethrin (Ambush or Pounce) on pollen shedding corn is prohibited between the hours of 10:00 a.m. and 4:00 p.m.

(e) The application of microencapsulated methyl parathion shall be prohibited on all pollen shedding corn when properly marked honey bee apiaries occur within a six-mile radius of the pollen shedding corn to be treated.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-084, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 84-09-013 (Order 1819), § 16-230-084, filed 4/10/84.]

WAC 16-230-086 What are the restrictions in Area 3? (1) Area 3 description - Area within Area 2 in Grant County. This area includes all of the irrigable lands encompassed by a line beginning at the junction of West 645 wasteway and White Trail Road and proceeding east four miles more or less on White Trail Road to Winchester wasteway; thence southeast four miles more or less along Winchester wasteway to I-90; thence east on I-90 nine miles more or less to Potholes Reservoir; thence following the west shoreline southeast to the Frenchmen Hills wasteway; thence west along Frenchmen Hills wasteway fourteen miles more or less to its junction with West 645 wasteway; thence northwest and north fourteen miles more or less along West 645 waste-

way to junction with White Trail Road, the point of beginning.

(2) Area 3 restriction. This area is unrestricted as to the use of carbaryl (Sevin), diazinon, endosulfan (Thiodan), fenvalerate (Pydrin), malathion (Fyfanon), methomyl (Lannate or Nudrin), methyl parathion, and permethrin (Ambush or Pounce) on pollen shedding corn: Provided, That the application of microencapsulated methyl parathion shall be prohibited on all pollen shedding corn when properly marked honey bee apiaries occur within a six-mile radius of the pollen shedding corn to be treated.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-086, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 84-09-013 (Order 1819), § 16-230-086, filed 4/10/84.]

WAC 16-230-088 May a permit be issued for a variance from restrictions? Upon receipt of a written request and justification for a variance, the director of the Washington state department of agriculture may issue a permit granting a variance from restrictions pertaining to pollen shedding corn.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-088, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 84-09-013 (Order 1819), § 16-230-088, filed 4/10/84.]

WAC 16-230-150 What areas are under order for use restricted desiccants and defoliants? (1) Area under order: All counties located east of the crest of the Cascade Mountains.

(2) Use restricted desiccants and defoliants: The following desiccants and defoliants are declared to be use restricted desiccants and defoliants in the area under order: Diquat; Paraquat; and Endothall.

(3) Additional restrictions apply for certain areas of Walla Walla County (see WAC 16-230-190).

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-150, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-08-058 (Order 2081), § 16-230-150, filed 4/2/91, effective 5/3/91; 79-05-043 (Order 1598), § 16-230-150, filed 4/26/79; 79-02-046 (Order 1591), § 16-230-150, filed 1/29/79; Order 1545, § 16-230-150, filed 11/30/77.]

WAC 16-230-160 Desiccants and defoliants—Ground equipment—Nozzle and pressure requirements for the entire area under order. The following requirements apply to the entire area under order as listed in WAC 16-230-150:

(1) Nozzle requirements - A minimum orifice diameter of .052 inches shall be used for application of all use restricted desiccants and defoliants: Provided, That a RD-2 Raindrop nozzle shall be allowed.

(2) Pressure requirements - Maximum pressure at the nozzles for all applications of use restricted desiccants and defoliants shall be 30 psi.

(3) The Washington state department of agriculture may issue a permit upon receipt of a written request to apply use restricted desiccants and defoliants within the area as described in WAC 16-230-150 with nozzles, nozzle type, drift control additives, and/or arrangements other than those allowed herein. The director will consider safety factors and

the possible exposure to susceptible crops in the areas of proposed application before a permit will be issued.

(4) Diesel and other fuel oils are prohibited in all tank mixes with desiccants and defoliants.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-160, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-08-058 (Order 2081), § 16-230-160, filed 4/2/91, effective 5/3/91; 87-15-001 (Order 1938), § 16-230-160, filed 7/2/87; 80-05-005 (Order 1682), § 16-230-160, filed 4/4/80; 79-02-046 (Order 1591), § 16-230-160, filed 1/29/79; Order 1545, § 16-230-160, filed 11/30/77.]

WAC 16-230-170 Desiccants and defoliants—Aerial equipment—Boom length, pressure, nozzle requirement, nozzle height of discharge and smoke device requirements for the entire area under order. The following requirements apply to the entire area under order as listed in WAC 16-230-150:

(1) Boom length restrictions:

(a) Fixed wing: The working boom length shall not exceed 3/4 of the distance from the center of aircraft to wing tip on each side of aircraft.

(b) Helicopters: The working boom length shall not exceed 6/7 of the distance from the center of rotor to rotor tip on each side of the aircraft for rotors 40 feet or under or 3/4 of the distance from the center of rotor to rotor tip on each side of the aircraft where the rotor exceeds 40 feet while applying use restricted desiccants and defoliants.

(2) Pressure restrictions: Maximum pressure at the nozzles for all aerial applications of use restricted desiccants and defoliants shall be 25 psi.

(3) Nozzle requirements for applications of use restricted desiccants and defoliants:

(a) Fixed wing:

(i) Aircraft shall not be equipped with core plates or any device or mechanism which would cause a sheet, cone, fan or other dispersion of the discharged material. Nozzle orifices shall not be less than 0.094 inches: Provided, That the RD8-46 Raindrop® nozzles may be used with a minimum orifice diameter of 0.156 inches;

(ii) Nozzles shall be directed downward and backward 135 degrees from the direction of flight.

(b) Helicopter:

(i) Straight stream jet nozzles, without core plates, with a minimum orifice diameter of 0.063 inches;

(ii) Straight stream jet nozzles with a minimum orifice diameter of 0.125 inches with No. 46 core plates or larger;

(iii) RD8-46 Raindrop® nozzles may be used with a minimum orifice diameter of .075 inches;

(iv) Nozzles shall be directed downward and backward 135 degrees from the direction of flight for applications over 50 miles per hour and 90 degrees downward and backward for applications under 50 miles per hour.

(4) Height of discharge requirements by aircraft of use restricted desiccants and defoliants: The nozzles must be closed while either descending onto or ascending from the target field, and also ascending or descending over an obstacle or obstruction within the target field that would alter the height of application more than ten feet.

(5) Smoke device requirements: All aircraft applying use restricted desiccants and defoliants shall utilize a smoke

device to determine wind directions and temperature inversion situations.

(6) The Washington state department of agriculture may issue a permit upon receipt of a written request to apply use restricted desiccants and defoliants within the area under order as described in WAC 16-230-150 with nozzles, nozzle type, drift control additives and/or arrangements other than those allowed herein. The director will consider safety factors and the possible exposure to susceptible crops in the areas of proposed application before a permit will be issued.

(7) Diesel and other fuel oils are prohibited in all tank mixes with desiccants and defoliants.

(8) Aerial applications of desiccants and defoliants are prohibited within a distance of one mile of the city limits of any incorporated city or town and the same distance from the center of any unincorporated city or town comprised of ten or more inhabited, closely grouped residences.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-170, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-08-058 (Order 2081), § 16-230-170, filed 4/2/91, effective 5/3/91. Statutory Authority: RCW 17.21.030. 82-14-081 (Order 1767), § 16-230-170, filed 7/6/82. Statutory Authority: Chapters 15.58 and 17.21 RCW. 80-05-005 (Order 1682), § 16-230-170, filed 4/4/80; 79-02-046 (Order 1591), § 16-230-170, filed 1/29/79; 78-02-053 (Order 1548), § 16-230-170, filed 1/19/78; Order 1545, § 16-230-170, filed 11/30/77.]

WAC 16-230-180 What are the weather and evening cutoff requirements for desiccants and defoliants? The following requirements apply to the entire area under order as listed in WAC 16-230-150:

(1) Weather conditions: Use restricted desiccants and defoliants shall not be applied when there is a temperature inversion, or if wind or weather conditions are such that damage could result to susceptible crops or ornamentals: Provided, That aircraft applications of Paraquat shall be prohibited until the temperature inversion ceiling at the site of application is 1,000 feet or greater. Aircraft must be equipped with thermometers to detect the height of the inversion.

(2) Evening cutoff: All applications of use restricted desiccants and defoliants are prohibited from three hours prior to sunset to one hour after sunrise the following morning: Provided, That ground applications in Area 2 of Walla Walla County may begin at sunrise: Provided further, That ground applications may be allowed at other times by obtaining a written permit from the department.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-180, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-08-058 (Order 2081), § 16-230-180, filed 4/2/91, effective 5/3/91; 80-05-005 (Order 1682), § 16-230-180, filed 4/4/80; 79-02-046 (Order 1591), § 16-230-180, filed 1/29/79; Order 1545, § 16-230-180, filed 11/30/77.]

WAC 16-230-190 What are the restrictions on the use of desiccants and defoliants in Walla Walla County? The following restrictions shall apply in Walla Walla County:

(1) Area 1 description - Town of Walla Walla and vicinity: This area includes all lands lying within the town of Walla Walla and vicinity beginning at the Washington-Oregon border and the west section line of Section 15, T6N, R34E; thence north along section lines and McDonald Road approximately seven miles to the southwest corner of Section 3, T7N, R36E; thence east along section lines approximately

twenty miles to the southeast corner of Section 1, T7N, R37E; thence south approximately seven miles to the Washington-Oregon border; thence west approximately fifteen miles to point of beginning.

(2) Area 1 restrictions:

During the period of February 15 through November 1 of any year, any aerial application of use restricted desiccants and defoliant must have prior approval by obtaining a written permit from the Washington state department of agriculture.

(3) Area 2 description - Southern portion of Walla Walla County: This area includes all lands lying within an area encompassed by a line beginning at the Washington-Oregon border and the west section line of Section 18, T6N, R33E; thence north along section lines approximately eight miles to the northwest corner of Section 7, T7N, R33E; thence west along section lines approximately nine miles to the southeast corner of Section 4, T7N, R34E; thence south along section lines approximately eight miles to the Washington-Oregon border; thence west along the border approximately nine miles to the point of beginning.

(4) Area 2 restrictions:

(a) Paraquat restrictions:

During the period of February 15 through November 1 of any year, any aerial application of Paraquat or any mixture containing Paraquat must have prior approval by obtaining a written permit from the Washington state department of agriculture.

(b) Diquat restrictions:

During the period of February 15 through November 1 of any year, any application of Diquat or any mixture containing Diquat is restricted to ground apparatus only.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-190, filed 5/9/07, effective 6/9/07. Statutory Authority: RCW 17.21.030 (b)(c) and 15.58.040(h). 95-14-093 (Order 5071), § 16-230-190, filed 6/30/95, effective 7/31/95. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-08-058 (Order 2081), § 16-230-190, filed 4/2/91, effective 5/3/91; 87-15-001 (Order 1938), § 16-230-190, filed 7/2/87; 85-17-066 (Order 1871), § 16-230-190, filed 8/21/85; 85-12-012 (Order 1858), § 16-230-190, filed 5/24/85; 80-05-005 (Order 1682), § 16-230-190, filed 4/4/80; 79-05-043 (Order 1598), § 16-230-190, filed 4/26/79; 79-02-046 (Order 1591), § 16-230-190, filed 1/29/79; Order 1545, § 16-230-190, filed 11/30/77.]

WAC 16-230-400 What is the area under order for use restricted herbicides in Spokane County? (1) The area under order includes all lands lying within the borders of Spokane County. WAC 16-230-410 through 16-230-470 applies to the area under order.

(2) The distribution, use, and application of use restricted herbicides in the area under order shall comply with rules relating to the use of pesticides in chapter 16-228 WAC, and rules relating to use restricted herbicides in WAC 16-230-600 through 16-230-675.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-400, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-06-019 (Order 2073), § 16-230-400, filed 2/26/91, effective 3/29/91; 79-01-038 (Order 1585), § 16-230-400, filed 12/20/78.]

WAC 16-230-410 What are use restricted herbicides in Spokane County? All formulations of phenoxy hormone-type herbicides, (e.g., 2,4-D, 2,4-DB, 2,4-DP (dichlorprop),

(7/8/10)

MCPA, MCPB, MCPP (mecoprop)) and dicamba are declared as use restricted herbicides except as listed below:

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

(2) 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.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 09-21-006, § 16-230-410, filed 10/8/09, effective 11/8/09; 07-11-041A, § 16-230-410, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-06-019 (Order 2073), § 16-230-410, filed 2/26/91, effective 3/29/91; 79-01-038 (Order 1585), § 16-230-410, filed 12/20/78.]

WAC 16-230-420 What are the boundaries and restrictions for Area 2? (1) This area includes all lands lying

within a boundary line starting at the intersection of state Highway 2 and Christianson Road; thence north two miles more or less to the northwest corner of Section 17, T25N, R41E; thence east five miles more or less to Hayford Road; thence north eight miles more or less to the northwest corner of Section 6, T26N, R41E; thence east ten miles more or less to the northeast corner of Section 3, T26N, R43E; thence south five miles more or less to the northeast corner of Section 34, T26N, R43E; thence east fourteen miles more or less to the Idaho-Washington border; thence south seven miles more or less to the common boundary line between T24N and 25N; thence west six miles more or less to Chapman Road; thence south one mile more or less along Chapman Road to the common boundary line between Sections 1 and 12, T24N, R44E; thence east thirteen miles more or less to the Cheney-Spokane Road; thence southwesterly along the Cheney-Spokane Road two miles more or less to the common boundary line between Sections 14 and 15, T24N, R42E; thence south one and one-half miles more or less to the southeast corner of Section 22, T24N, R42E; thence west one and one-half miles more or less to the Cheney-Spokane Highway; thence southerly one mile more or less along the Cheney-Spokane Highway to the common boundary line between Section 28 and 33, T24N, R42E; thence east six miles more or less to Interstate 90; thence southerly three miles more or less to the intersection of Interstate 90 and Salnave Road; thence northwesterly along the Salnave Road three miles more or less to its intersection with the Medical Lake-Tyler Road; thence north four miles more or less to the intersection of Hallet and Richey Road; thence east one mile more or less along Hallet Road to the intersection of Hallet Road and Brooks Road; thence north three miles more or less on Brooks Road to the intersection of Brooks Road and Highway 2; thence east one mile more or less along Highway 2 to the point of beginning.

(2) Area 2 restrictions.

(a) On and after May 1 through October 15, ground applications of use restricted herbicides shall be made with nozzles having a minimum orifice diameter of 0.036 inches.

(b) For roadside and right of way application drift reduction type systems such as directo-spray, raindrop or invert systems must be used.

(c) The use or application of low volatile ester formulations of use restricted herbicides is prohibited from May 1 through October 15: Provided, That the department, upon

written request, may issue a permit for the use of low volatile formulations for special weed control.

(d) The application of use restricted herbicides is prohibited from three hours prior to sunset to sunrise the next day: Provided, That lawn and turf residential weed control, using nonvolatile formulations are exempt from the evening cutoff.

(e) The aerial application of use restricted herbicides is prohibited within Area 2: Provided, That the department may issue a special permit, upon written request, for special weed control.

(f) Use restricted herbicides shall not be applied on or after May 1 through October 15 when the temperature is 85° or above at the point of application.

(g) Ground applications of use restricted herbicides are allowed when using No. 2RD or 2RA Raindrop nozzles: Provided, That the mean sustained wind velocity is fifteen miles per hour or less.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-420, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 80-03-039 (Order 1678), § 16-230-420, filed 2/20/80; 79-01-038 (Order 1585), § 16-230-420, filed 12/20/78.]

WAC 16-230-430 What are the boundaries and restrictions for Area 3? (1) An area within a distance of two-thirds of a mile of the city limits of incorporated cities and towns and the same distance from the center of any unincorporated town comprised of ten or more inhabited, closely grouped residences within Area 4 exclusive of Area 2.

(2) Area 3 restrictions.

(a) The aerial application of use restricted herbicides is prohibited within Area 3: Provided, That the department, upon written request, may issue a permit to allow aerial applications of nonvolatile formulations of use restricted herbicides up to one-half mile of the city limits of incorporated towns and cities and up to one-half mile of the center of any unincorporated towns comprised of ten or more inhabited closely grouped residences.

(b) On and after May 1 through October 15, aerial applications shall be made using the danger area restrictions (see WAC 16-230-675).

(c) Ground applications of use restricted herbicides shall be made with nozzles having a minimum orifice diameter of 0.031 inches.

(d) Ground applications of use restricted herbicides shall be allowed when using No. 2RD or 2RA Raindrop nozzles: Provided, That the mean sustained wind velocity is fifteen miles per hour or less.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-430, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 80-03-039 (Order 1678), § 16-230-430, filed 2/20/80; 79-01-038 (Order 1585), § 16-230-430, filed 12/20/78.]

WAC 16-230-440 What are the boundaries and restrictions for Area 4? (1) Area 4 description. All remaining lands in Spokane County not included in WAC 16-230-420 and 16-230-430.

(2) Area 4 restrictions.

(a) On and after May 1 through October 15, ground applications of use restricted herbicides shall be made with nozzles having a minimum orifice diameter of 0.031 inches.

[Ch. 16-230 WAC—p. 8]

(b) On and after May 1 through October 15, aircraft applications of use restricted herbicides shall be made using the caution area restrictions (see WAC 16-230-675).

(c) Ground applications of use restricted herbicides shall be allowed when using No. 2RD or 2RA Raindrop nozzles: Provided, That the mean sustained wind velocity is fifteen miles per hour or less.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-440, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-06-019 (Order 2073), § 16-230-440, filed 2/26/91, effective 3/29/91; 80-03-039 (Order 1678), § 16-230-440, filed 2/20/80; 79-01-038 (Order 1585), § 16-230-440, filed 12/20/78.]

WAC 16-230-450 What information does an aerial applicator need from the landowner? The landowner or person in charge of the farming operation shall notify the aerial applicator he/she hires of any susceptible crops planted or to be planted bordering the field to which use restricted herbicides are to be applied in the area under order (see WAC 16-230-400).

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-450, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-06-019 (Order 2073), § 16-230-450, filed 2/26/91, effective 3/29/91; 79-01-038 (Order 1585), § 16-230-450, filed 12/20/78.]

WAC 16-230-460 Does a commercial greenhouse need to be notified? The owners of commercial greenhouses located in the area under order shall be notified in person or by certified mail by aerial applicators and public operators at least forty-eight hours prior to the application of allowable use restricted herbicides to be applied within one-half mile of the above greenhouses.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-460, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-06-019 (Order 2073), § 16-230-460, filed 2/26/91, effective 3/29/91; 79-01-038 (Order 1585), § 16-230-460, filed 12/20/78.]

WAC 16-230-470 When is the application of use restricted herbicides prohibited due to wind conditions? The use or application of use restricted herbicides shall be prohibited in the area under order when the mean sustained wind velocity is over twelve miles per hour throughout the year: Provided, That applications of use restricted herbicides shall be allowed in winds up to and including twenty miles per hour when an approved ground apparatus is used and allowed by the label. Ground apparatus shall be approved by the department of agriculture. Approval will be based on research data.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-470, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-06-019 (Order 2073), § 16-230-470, filed 2/26/91, effective 3/29/91; 87-09-015 (Order 1923), § 16-230-470, filed 4/6/87; 79-01-038 (Order 1585), § 16-230-470, filed 12/20/78.]

WAC 16-230-510 Definition. Picloram means all registered pesticide products containing 4-amino-3,5,6-trichloropicolinic acid as the potassium salt. This formulation may be known as Tordon.

[Statutory Authority: Chapters 15.57 and 17.21 RCW. 79-07-091 (Order 1633), § 16-230-510, filed 6/29/79.]

WAC 16-230-520 Use and application. Picloram (Tordon) is hereby declared to be a restricted use pesticide and the use or application of any formulation of picloram shall be prohibited in the following portion of Spokane County: An area beginning at the intersection of Brooks Road and state Highway 902; thence northerly along the Brooks Road four miles more or less to state Highway 2; thence easterly along state Highway 2 four miles more or less to the Craig Road; thence northerly on Craig Road for 1/2 mile more or less to the Airway Heights city limits; thence easterly one mile more or less along the north boundary of the Airway Heights city limits; thence southerly 1/2 mile more or less along the east boundary of the Airway Heights city limits to state Highway 2; thence easterly one mile along state Highway 2 to the Hayford Road; thence southerly three miles more or less along the Hayford Road to state Highway 902; thence westerly along state Highway 902 to the point of beginning.

[Statutory Authority: Chapters 15.57 and 17.21 RCW. 79-07-091 (Order 1633), § 16-230-520, filed 6/29/79.]

WAC 16-230-600 Can high volatile ester and dust formulations be used in Washington and what are the areas under order for use restricted herbicides? (1) The distribution, use and application of all high volatile ester and dust formulations of restricted use herbicides are prohibited throughout the state.

(2) WAC 16-230-605 through 16-230-675 apply to all counties located east of the crest of the Cascade Mountains.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-600, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 80-03-041 (Order 1680), § 16-230-600, filed 2/20/80.]

WAC 16-230-605 Can additional county rules be applied to herbicides? The rules in WAC 16-230-600 through 16-230-675 shall not preclude any additional restrictions on the application of use restricted herbicides provided for in the rules for specific counties located east of the Cascade Mountains.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-605, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-06-019 (Order 2073), § 16-230-605, filed 2/26/91, effective 3/29/91; 80-03-041 (Order 1680), § 16-230-605, filed 2/20/80.]

WAC 16-230-610 What are use restricted herbicides in Eastern Washington? 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 except as listed below are use restricted herbicides.

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

(2) 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.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-610, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-06-019 (Order 2073), § 16-230-610, filed 2/26/91, effective 3/29/91; 80-03-041 (Order 1680), § 16-230-610, filed 2/20/80.]

(7/8/10)

WAC 16-230-615 What are the restrictions on sale and distribution of use restricted phenoxy-hormone type herbicides and dicamba in Eastern Washington? Phenoxy-hormone type herbicides and dicamba shall be sold and distributed only by licensed pesticide dealers to certified applicators or their duly authorized representatives except those listed in WAC 16-230-610 (1) and (2).

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-615, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-22-045, § 16-230-615, filed 10/26/00, effective 11/26/00; 91-06-019 (Order 2073), § 16-230-615, filed 2/26/91, effective 3/29/91; 87-09-015 (Order 1923), § 16-230-615, filed 4/6/87; 80-03-041 (Order 1680), § 16-230-615, filed 2/20/80.]

WAC 16-230-625 What are the restrictions on mixing and loading use restricted herbicides? The mixing of use restricted herbicides, the loading and decontamination of equipment used to apply use restricted herbicides, and aircraft entering on to and exiting from landing sites shall be done in a manner as not to cause possible damage to susceptible crops.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-625, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-06-019 (Order 2073), § 16-230-625, filed 2/26/91, effective 3/29/91; 80-03-041 (Order 1680), § 16-230-625, filed 2/20/80.]

WAC 16-230-630 What are the restrictions for storage of use restricted herbicides? Use restricted herbicides shall not be stored in areas where their use is prohibited unless they are in a sealed container (tight screw-type bungs, tightly closed lids or packages), and the outside of the containers not contaminated with the use restricted herbicide.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-630, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 80-03-041 (Order 1680), § 16-230-630, filed 2/20/80.]

WAC 16-230-635 What are the restrictions on petroleum and vegetable oil carriers and spray adjuvants? Petroleum and vegetable oil carriers and spray adjuvants may be used when not in excess of one pint per acre: Provided, That oil-type carriers in excess of one pint per acre may be used with invert systems: Provided further, That invert systems may be used on aircraft by written permit only.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-635, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 80-03-041 (Order 1680), § 16-230-635, filed 2/20/80.]

WAC 16-230-640 Use restricted herbicides—Eastern Washington—Weather and temperature conditions. Use restricted herbicides shall not be applied on and after April 1 through October 31 of each year when there is a temperature inversion; or throughout the year if weather conditions are such that damage could result to adjacent and nearby towns, susceptible crops and plantings through physical drift or volatilization, or the temperature is 85°F. or above at the point of application: Provided, That application at the rate of fifty gallons or more per acre using nozzles having a minimum orifice diameter of .072 inches shall be exempt from the 85°F. temperature cutoff requirement: Provided further, That when using the invert system, applications may continue up

[Ch. 16-230 WAC—p. 9]

to 95°F. with a maximum wind velocity of fifteen miles per hour and with water carrier at twelve or more gallons per acre.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-640, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 88-05-033 (Order 1965), § 16-230-640, filed 2/12/88; 87-09-015 (Order 1923), § 16-230-640, filed 4/6/87; 80-03-041 (Order 1680), § 16-230-640, filed 2/20/80.]

WAC 16-230-645 What is the evening cutoff for use restricted herbicides? On and after May 1 through October 31 of each year, the application of use restricted herbicides is prohibited daily from three hours prior to sunset to sunrise the following morning: Provided, That if there is a mean sustained legal wind velocity of not less than five miles per hour the application of use restricted herbicides is allowed in Areas 3 and 4 up to one hour prior to sunset in all counties as restricted by rule except Benton, Franklin, Yakima, and Walla Walla counties.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-645, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 87-09-015 (Order 1923), § 16-230-645, filed 4/6/87; 80-03-041 (Order 1680), § 16-230-645, filed 2/20/80.]

WAC 16-230-650 Can a permit be issued for the application of certain use restricted herbicides? The Washington state department of agriculture may issue a permit, upon receipt of a written request, to mix, load and apply certain use restricted herbicides for purposes of critical weed control when such activities are restricted by rule. The director may consider recommendations of the 2,4-D committee for the county in question: Provided, That the 2,4-D committee is kept current for each county.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-650, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 87-09-015 (Order 1923), § 16-230-650, filed 4/6/87; 80-03-041 (Order 1680), § 16-230-650, filed 2/20/80.]

WAC 16-230-655 Use restricted herbicides—Eastern Washington—Ground equipment pressure requirements. Pressure shall not exceed twenty-five pounds per square inch at the nozzles: Provided, That pressure up to fifty pounds per square inch at the nozzle may be used for equipment with handguns, up to ninety pounds per square inch at the nozzle manifold for an invert system: Provided further, That when using a LP 8002 nozzle instead of a regular 8004 or equivalent, the maximum pressure shall be fifteen pounds per square inch at the nozzle.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-655, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 88-05-033 (Order 1965), § 16-230-655, filed 2/12/88; 87-09-015 (Order 1923), § 16-230-655, filed 4/6/87; 80-03-041 (Order 1680), § 16-230-655, filed 2/20/80.]

WAC 16-230-660 Can an aircraft turn or fly low over cities and towns? Aircraft carrying use restricted herbicides are prohibited from turning and/or low flying during spraying operations over cities and towns unless authorized by the city or town in question pursuant to an agreement for pesticide applications; or residences, windbreaks, orchards or susceptible crops belonging to any person other than the owner of the property being treated, except by permission of

the person whose residence, windbreak, orchard or susceptible crop is involved.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-660, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 80-03-041 (Order 1680), § 16-230-660, filed 2/20/80.]

WAC 16-230-665 What are the restrictions on aerial applications near vineyards? (1) Aerial application of use restricted herbicides is prohibited within one mile of any commercial vineyard: Provided, That the Washington state department of agriculture may approve written requests and issue permit for aerial application of use restricted herbicides that may be applied to lands located one-half to one mile from commercial vineyards: Provided further, That no distance restrictions shall apply to aerial applications of use restricted herbicides near vineyards during the grape dormant season if written permission of the vineyard owner/manager is obtained. EXCEPTIONS are found in Franklin and Grant County restrictions.

(2) 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.

[Statutory Authority: Chapters 15.58, 17.21, and 34.05 RCW. 10-15-015, § 16-230-665, filed 7/8/10, effective 8/8/10; 07-11-041A, § 16-230-665, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 87-18-060 (Order 1950), § 16-230-665, filed 9/1/87; 80-03-041 (Order 1680), § 16-230-665, filed 2/20/80.]

WAC 16-230-670 Use restricted herbicides—Eastern Washington—Aircraft boom length and pressure requirements. In all Areas 1 and 2, of all counties restricted by rule the working boom length on fixed wing aircraft shall not exceed 3/4 of the wing span and the working boom length on helicopters shall not exceed 6/7 of the total rotor length or 3/4 of the total rotor length where the rotor length exceeds forty feet.

Pressure for aerial equipment shall not exceed 25 psi at the nozzles: Provided, That helicopters shall be allowed to use up to 35 psi in Areas 3 and 4 of all counties restricted by rule: Provided further, That pressure up to 50 psi at the nozzle may be used with invert systems which are allowed by written permit only.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-670, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-06-019 (Order 2073), § 16-230-670, filed 2/26/91, effective 3/29/91; 80-03-041 (Order 1680), § 16-230-670, filed 2/20/80.]

WAC 16-230-673 Use restricted herbicides—Eastern Washington—Application through irrigation systems. Use restricted herbicides applied through irrigation systems are subject to the same requirements as ground applications of use restricted herbicides except for nozzle size and pressure requirements.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-673, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 87-18-060 (Order 1950), § 16-230-673, filed 9/1/87.]

WAC 16-230-675 Use restricted herbicides—Eastern Washington—Minimum nozzle orifice and core plate sizes for aircraft application. Minimum nozzle orifice and core plate sizes shall be as listed in the dormant season, caution, warning, and danger area restrictions.

(1) DORMANT SEASON AREA. (Dormant season only - Refer to specific county regulations.)

(a) Fixed wing -

(i) Minimum nozzle orifice of 0.063 inches (no core plate). Nozzles shall be directed downward and backward 135 degrees or more from the direction of flight.

(ii) Minimum nozzle orifice of 0.075 inches (may use No. 45 or larger core plate) and nozzles shall be directed downward and backward 170 degrees or more from the direction of flight.

(b) Helicopter -

Minimum nozzle orifice of 0.047 inches (may use No. 45 or larger core plate) and nozzles shall be directed downward and backward 90 degrees or more from the direction of flight. Pressure over 35 psi is prohibited.

(2) CAUTION AREA.

(a) Fixed wing -

(i) Minimum nozzle orifice of 0.075 inches (no core plate). Nozzles shall be directed downward and backward 135 degrees or more from the direction of flight.

(ii) Minimum nozzle orifice of 0.125 inches (may use No. 45 or larger core plate). Nozzles shall be directed downward and backward 170 degrees or more from the direction of flight.

(b) Helicopter -

(i) Area 2 of all counties restricted by rule -

Minimum nozzle orifice of 0.063 inches (may use No. 46 or larger core plate). Nozzles shall be directed downward and backward 90 degrees or more from the direction of flight.

(ii) Areas 3 and 4 of all counties restricted by rule -

Minimum nozzle orifice of 0.063 inches (may use No. 45 or larger core plate). Nozzles shall be directed downward and backward 90 degrees or more from the direction of flight.

(3) WARNING AREA

(a) Fixed wing -

(i) Minimum nozzle orifice of 0.075 inches (no core plate). Nozzles shall be directed downward and backward 135 degrees or more from the direction of flight.

(ii) Minimum nozzle orifice of 0.125 inches (may use No. 46 or larger core plate in all counties under order except Franklin County and Benton County). Nozzles shall be directed downward and backward 170 degrees or more from the direction of flight: Provided, That RD8 nozzles with orifice size of 0.125 inches and No. 45 core plates may be used. Nozzles shall be directed downward and backward 170 degrees or more from direction of flight.

(iii) No flat fan nozzles shall be allowed.

(b) Helicopter -

(i) Minimum nozzle orifice of 0.047 inches for applications made under sixty miles per hour (no core plate) and minimum orifice of 0.063 for applications made over sixty miles per hour (no core plate). Nozzles shall be directed downward and backward 90 degrees or more from the direction of flight.

(ii) Minimum nozzle orifice of 0.125 inches (may use No. 46 or larger core plate in all counties under order except

Franklin County and Benton County). Nozzles shall be directed downward and backward 90 degrees or more from the direction of flight: Provided, That RD8 nozzles with orifice size of 0.125 inches and No. 45 core plates may be used.

(ii) No flat fan nozzles shall be allowed.

(4) DANGER AREA

(a) Fixed wing - Minimum nozzle or

(i) Minimum nozzle orifice of 0.075 inches (no core plate): Provided, That RD8 nozzles with orifice size of 0.125 inches and No. 46 core plates may be used. Nozzles shall be directed downward and backward 170 degrees or more from the direction of flight.

(ii) No flat fan nozzles shall be allowed.

(b) Helicopter -

(i) Minimum nozzle orifice of 0.063 inches (no core plate): Provided, That RD8 nozzles with orifice size of 0.125 inches and core plate No. 46 may be used. Nozzles shall be directed downward and backward 90 degrees or more from the direction of flight.

(ii) No flat fan nozzles shall be allowed.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-675, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 15.58 and 17.21 RCW. 91-06-019 (Order 2073), § 16-230-675, filed 2/26/91, effective 3/29/91; 80-03-041 (Order 1680), § 16-230-675, filed 2/20/80.]

WAC 16-230-800 What is the area under order for Benton County? The area under order includes: All lands lying within the boundaries of Benton County.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-800, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-800, filed 11/22/00, effective 12/23/00; 89-16-073 (Order 2014), § 16-230-800, filed 7/31/89, effective 8/31/89.]

WAC 16-230-810 What are the restrictions on the application of certain pesticides in Benton County? For the purposes of WAC 16-230-800 through 16-230-870, the following pesticides are declared to be use restricted pesticides:

(1) Use restricted herbicides:*

(a) Sulfonylurea herbicides (such as Glean, Telar, Finesse, Escort)

(b) Desiccants and defoliants (such as Paraquat, Diquat, Endothall)

(c) Glyphosate (such as Roundup, Landmaster)

(d) Phenoxy hormone-type herbicides (such as 2,4-D, 2,4-DB, 2,4-DP (dichlorprop), MCPA, MCPB, MCPP (mecoprop))

(e) Dicamba (such as Banvel)

(f) Bromoxynil except that the cutoff date of April 5 does not apply.

(2) Use restricted insecticides:

(a) Aerial applications of category I insecticides with the signal words danger/poison on the label, except granular and pellet formulations;

(b) Aerial applications of category I insecticides, except granular and pellet formulations in Area 1 and Area 1A.

*Listed trade names are to be used as a guide and may not include all the trade or brand names under which the chemicals are distributed.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-810, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-810, filed 11/22/00, effective 12/23/00; 92-13-035, § 16-230-810, filed 6/10/92, effective 7/11/92; 89-16-073 (Order 2014), § 16-230-810, filed 7/31/89, effective 8/31/89.]

WAC 16-230-813 When are oil-type carriers prohibited in Benton County? On and after April 5 through October 31, oil-type carriers are prohibited for brush control: Provided, That oil-type carriers may be used in invert systems the entire year.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-813, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-813, filed 11/22/00, effective 12/23/00; 92-13-035, § 16-230-813, filed 6/10/92, effective 7/11/92.]

WAC 16-230-815 Can Paraquat and Diquat be applied by air in Benton County? Aerial application of Paraquat or Diquat is prohibited in the entire area under order listed in WAC 16-230-800.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-815, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-815, filed 11/22/00, effective 12/23/00; 89-16-073 (Order 2014), § 16-230-815, filed 7/31/89, effective 8/31/89.]

WAC 16-230-820 Can sulfonylurea herbicides be applied by air in Benton County? Application of sulfonylurea herbicides (such as Glean, Telar, Finesse, Escort) to fallow land or to land during the time between harvest and emergence above the furrows of the subsequent cereal grain crop is prohibited.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-820, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-820, filed 11/22/00, effective 12/23/00; 89-16-073 (Order 2014), § 16-230-820, filed 7/31/89, effective 8/31/89.]

WAC 16-230-825 What are the conditions applying to permits in Benton County? The following conditions will apply to all permits issued under the authority of WAC 16-230-800 through 16-230-870.

(1) Application for a permit may be made to the Washington State Department of Agriculture, Compliance Branch, 21 N. First Avenue Suite 236, Yakima, Washington 98902. Applications may also be taken in person or by facsimile. Permits will not be granted by telephone.

(2) The department may make on-site monitoring of the application a condition of any permit. A representative of the department may condition, deny, or revoke a permit at any time, if the representative determines that the situation at the application site creates an unreasonable risk of drift. In determining whether the situation at the application site creates an unreasonable risk of drift, the representative may consider all relevant factors such as temperature, air inversions, time of day, burning restrictions, wind direction, wind velocity, topography, and type and condition of application equipment.

(3) No permit shall be issued to apply any pesticide unless that permit is consistent with existing department laws and rules.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-825, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-825, filed 11/22/00, effective

12/23/00; 92-13-035, § 16-230-825, filed 6/10/92, effective 7/11/92; 90-14-034 (Order 2046), § 16-230-825, filed 6/29/90, effective 7/30/90; 89-16-073 (Order 2014), § 16-230-825, filed 7/31/89, effective 8/31/89.]

WAC 16-230-830 Can use restricted pesticides be applied in an emergency? In the event of an emergency, as declared by the director, the department may issue permits for the use of use restricted pesticides in variation of any restrictions contained in the area under order as defined in WAC 16-230-800. An emergency under this section may be declared if the director determines that the risk and amount of economic harm to any agriculture crop substantially outweighs the risk and amount of damage likely to occur if a variance permit is issued.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-830, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-830, filed 11/22/00, effective 12/23/00; 89-16-073 (Order 2014), § 16-230-830, filed 7/31/89, effective 8/31/89.]

WAC 16-230-835 What are the boundaries and restrictions for Area 1? (1) Area 1 description (North Horse Heaven Hills). An area including all lands lying within a boundary line beginning at the northwest corner of Section 31, T8N, R24E; thence east two miles along section lines to the northwest corner of Section 33, T8N, R24E; thence north one mile along section lines to the northwest corner of Section 28, T8N, R24E; thence east seven miles along section lines to the northwest corner of Section 27, T8N, R25E; thence north two miles along section lines to the northwest corner of Section 15, T8N, R25E; thence east eight miles along section lines to the northwest corner of Section 13, T8N, R26E; thence south two miles along section lines to the northwest corner of Section 25, T8N, R26E; thence east two miles along section lines to the northwest corner of Section 29, T8N, R27E; thence south one mile along section lines to the northwest corner of Section 32, T8N, R27E; thence east three miles along section lines to the northwest corner of Section 35, T8N, R27E; thence south one mile along section lines to the northwest corner of Section 2, T7N, R27E; thence east one mile along section lines to the northwest corner of Section 1, T8N, R27E; thence south two miles along section lines to the northwest corner of Section 13, T7N, R27E; thence east four miles along section lines to the northwest corner of Section 15, T7N, R28E; thence south one mile along section lines to the northwest corner of Section 22, T7N, R28E; thence east ten miles along section lines to the northwest corner of Section 20, T7N, R30E; thence south two miles along section lines to the northwest corner of Section 32, T7N, R30E; thence east seven miles along section lines to the Columbia River in Section 29, T7N, R31E; thence south approximately two miles along the Columbia River to the south section line of Section 5, T6N, R31E; thence west approximately eight miles along section lines to the southwest corner of Section 1, T6N, R29E; thence north two miles along section lines to the southwest corner of Section 25, T7N, R29E; thence west thirteen miles along section lines to the southeast corner of Section 27, T7N, R27E; thence north one mile along the section line to the northeast corner of Section 27, T7N, R27E; thence west one mile along the section line to the northwest corner of Section 27, T7N, R27E; thence north two miles along section lines to the northeast corner of

Section 16, T7N, R27E; thence west one mile along the section line to the southeast corner of Section 8, T7N, R27E; thence north one mile along the section line to the northeast corner of Section 8, T7N, R27E; thence west approximately twenty miles along section lines to the Benton-Yakima County line at the southwest corner of Section 6, T7N, R24E; thence north two miles along the county line to the point of beginning.

(2) Area 1 restrictions.

(a) Application by air of use restricted pesticides as defined in WAC 16-230-810 is prohibited: Provided, That the department may issue written permits for application of insecticides not containing the signal words danger/poison on the label.

(b) The use or application of low volatile ester formulations of use restricted herbicides is prohibited on and after April 5 through October 31 of each year: Provided, That hormone sprays may be applied by aircraft to orchards for the prevention of fruit drop.

(c) On and after April 5 through October 31 of each year, all applications of use restricted herbicides are prohibited daily from three hours prior to sunset to sunrise the following morning: Provided, That applications of use restricted herbicides are exempt from the sunset restrictions when using an application rate of forty gallons of water carrier or greater per treated acre at twenty pounds of pressure or less at the nozzle: Provided further, That applications of granular and pellet formulations of the use restricted herbicides are exempt from the sunset restrictions: Provided further, That applications of use restricted herbicides on small experimental plots for research purposes are exempt from the sunset restrictions.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-835, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-835, filed 11/22/00, effective 12/23/00; 92-13-035, § 16-230-835, filed 6/10/92, effective 7/11/92; 90-14-034 (Order 2046), § 16-230-835, filed 6/29/90, effective 7/30/90; 89-16-073 (Order 2014), § 16-230-835, filed 7/31/89, effective 8/31/89.]

WAC 16-230-836 What are the boundaries and restrictions in Area 1A? (1) Area 1A description. All lands lying within a boundary line beginning at the northwest corner of Section 31, T8N, R24E; thence east two miles along section lines to the northwest corner of Section 33, T8N, R24E; thence north one mile along section lines to the northwest corner of Section 28, T8N, R24E; thence east seven miles along section lines to the northwest corner of Section 27, T8N, R25E; thence north two miles along section lines to the northwest corner of Section 15, T8N, R25E; thence east eight miles along section lines to the northwest corner of Section 13, T8N, R26E; thence south two miles along section lines to the northwest corner of Section 25, T8N, R26E; thence east two miles along section lines to the northwest corner of Section 29, T8N, R27E; thence south one mile along section lines to the northwest corner of Section 32, T8N, R27E; thence east three miles along section lines to the northwest corner of Section 35, T8N, R27E; thence south one mile along section lines to the northwest corner of Section 2, T7N, R27E; thence east one mile along section lines to the northwest corner of Section 1, T8N, R27E; thence south two miles along section lines to the northwest corner of Section 13, T7N, R27E; thence east four miles along section lines to the

northwest corner of Section 15, T7N, R28E; thence south one mile along section lines to the northwest corner of Section 22, T7N, R28E; thence east ten miles along section lines to the northwest corner of Section 20, T7N, R30E; thence south two miles along section lines to the northwest corner of Section 32, T7N, R30E; thence east seven miles along section lines to the Columbia River in Section 29, T7N, R31E; thence north approximately three miles to the Kennewick Irrigation District (K.I.D.) Division Four Canal in Section 8, T7N, R31E; thence westerly along the K.I.D. Division Four Canal to the intersection with the K.I.D. Main Irrigation Canal at the Amon Pumping Station located in Section 7, T8N, R29E; thence westerly along the K.I.D. Main Irrigation Canal to its intersection with the east section line of Section 14, T9N, R26E; thence south approximately one mile along the section line to the northwest corner of Section 25, T9N, R26E; thence northwest approximately one and four tenths miles diagonally across Section 23 to the northwest corner of Section 23, T9N, R26E; thence west two miles along section lines to the northwest corner of Section 21, T9N, R26E; thence southwest approximately one and four tenths miles diagonally across Section 20 to the northwest corner of Section 29, T9N, R26E; thence west one mile along section lines to the northwest corner of Section 30, T9N, R26E; thence south one mile along section lines to the northwest corner of Section 31, T9N, R26E; thence west two miles along section lines to the northwest corner of Section 35, T9N, R25E; thence southwest approximately one and four tenths miles diagonally across Section 34 to the northwest corner of Section 3, T8N, R25E; thence west one mile along section lines to the northwest corner of Section 4, T8N, R25E; thence southwest approximately one and four tenths miles diagonally across Section 5 to the northwest corner of Section 8, T8N, R25E; thence west one mile along section lines to the northwest corner of Section 7, T8N, R25E; thence south one mile along section lines to the northwest corner of Section 18, T8N, R25E; thence west two miles along section lines to the northwest corner of Section 14, T8N, R24E; thence south one mile along section lines to the northwest corner of Section 23, T8N, R24E; thence west four miles to the northwest corner of Section 19, T8N, R24E; thence south two miles along the county line to the point of beginning.

(2) Area 1A restrictions.

(a) Application by air of use restricted pesticides as defined in WAC 16-230-810 is prohibited: Provided, That the department may issue written permits for application of insecticides not containing the signal words danger/poison on the label.

(b) The use or application of low volatile ester formulations of use restricted herbicides is prohibited on and after April 5 through October 31 of each year: Provided, That phenoxy hormone-type sprays may be applied by aircraft to orchards for the prevention of fruit drop.

(c) On and after April 5 through October 31 of each year, applications of use restricted herbicides are prohibited daily from three hours prior to sunset until two hours after sunrise the following morning: Provided, That applications of use restricted herbicides are exempt from the sunset and sunrise restrictions when using an application rate of forty gallons of water carrier or greater per treated acre at twenty pounds of pressure or less at the nozzle: Provided further, That applica-

tions of granular and pellet formulations of the use restricted herbicides are exempt from the sunset and sunrise restrictions: Provided further, That applications of use restricted herbicides on small experimental plots for research purposes are exempt from the sunset and sunrise restrictions.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-836, filed 5/9/07, effective 6/9/07.]

WAC 16-230-840 What are the boundaries and restrictions for Area 2? (1) Area 2 description. An area including all lands lying within a boundary line beginning at the northwest corner of Section 25, T10N, R26E; thence south approximately five miles along section lines to the intersection with the Kennewick Irrigation District (K.I.D.) main canal; thence easterly along the K.I.D. main canal to the Amon pumping station located in Section 7, T8N, R29E; thence southeasterly along the K.I.D. Division Four Canal to the Columbia River in Section 8, T7N, R31E; thence northwesterly along the Columbia River until its intersection with the United States Department of Energy Hanford Site south boundary line; thence west approximately one mile and south approximately two and one-half miles along the south boundary line to the southeast corner of Section 27, T10N, R28E; thence west seven miles along section lines to the southwest corner of Section 27, T10N, R27E; thence north one mile along the section line to the northwest corner of Section 27, T10N, R27E; thence west four miles along section lines to the point of beginning.

(2) Area 2 restrictions.

(a) Application by air of use restricted pesticides as defined in WAC 16-230-810 is prohibited.

(b) The use or application of low volatile ester formulations of use restricted herbicides is prohibited: Provided, That hormone sprays may be applied by aircraft to orchards for the prevention of fruit drop.

(c) On and after April 5 through October 31 of each year, applications of use restricted herbicides are prohibited daily from three hours prior to sunset until two hours after sunrise the following morning: Provided, That applications of use restricted herbicides are exempt from the sunset and sunrise restrictions when using an application rate of forty gallons of water carrier or greater per treated acre at twenty pounds of pressure or less at the nozzle: Provided further, That applications of granular and pellet formulations of the use restricted herbicides are exempt from the sunset and sunrise restrictions: Provided further, That applications of use restricted herbicides on small experimental plots for research purposes are exempt from the sunset and sunrise restrictions.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-840, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-840, filed 11/22/00, effective 12/23/00; 92-13-035, § 16-230-840, filed 6/10/92, effective 7/11/92; 89-16-073 (Order 2014), § 16-230-840, filed 7/31/89, effective 8/31/89.]

WAC 16-230-845 What are the boundaries and restrictions for Area 3? (1) Area 3 description.

(a) Eastern Yakima Valley. An area including all lands lying within a boundary line beginning at the northwest corner of Section 19, T8N, R24E; thence east four miles along section lines to the southwest corner of Section 14, T8N, R24E; thence north one mile along the section line to the

northwest corner of Section 14, T8N, R24E; thence east two miles along section lines to the southwest corner of Section 7, T8N, R25E; thence north one mile along the section line to the northwest corner of Section 7, T8N, R25E; thence east one mile along the section line to the southwest corner of Section 5, T8N, R25E; thence northeast approximately one and four-tenths of a mile diagonally across Section 5 to the northeast corner of Section 5, T8N, R25E; thence east one mile along the section line to the southwest corner of Section 34, T9N, R25E; thence northeast approximately one and four-tenths of a mile diagonally across Section 34 to the northeast corner of Section 34, T9N, R25E; thence east two miles along section lines to the southwest corner of Section 30, T9N, R26E; thence north one mile along the section line to the northwest corner of Section 30, T9N, R26E; thence east one mile along the section line to the southwest corner of Section 20, T9N, R26E; thence northeast approximately one and four-tenths of a mile diagonally across Section 20 to the northeast corner of Section 20, T9N, R26E; thence east two miles along section lines to the northwest corner of Section 23, T9N, R26E; thence southeast approximately one and four-tenths of a mile diagonally across Section 23 to the southeast corner of Section 23, T9N, R26E; thence north six miles along section lines to the northwest corner of Section 25, T10N, R26E; thence west four miles along section lines to the northwest corner of Section 29, T10N, R26E; thence south one mile along the section line to the southwest corner of Section 29, T10N, R26E; thence west eleven miles along section lines to the southeast corner of Section 29, T10N, R24E; thence north one mile along the section line to the intersection with Anderson Road at the northeast corner of Section 29, T10N, R24E; thence west two miles along Anderson Road and section lines to the Benton-Yakima County line at the northwest corner of Section 30, T10N, R24E; thence south approximately eleven miles along the Benton-Yakima county line to the point of beginning.

(b) Cold Creek Area. An area including all lands lying within a boundary line beginning at the intersection of the Benton-Yakima County line and the Columbia River in Section 7, T13N, R24E; thence south approximately six and one-half miles along the Benton-Yakima County line to the southwest corner of Section 7, T12N, R24E; thence east five miles along section lines to the southeast corner of Section 11, T12N, R24E; thence north approximately seven miles along section lines to the Columbia River; thence west approximately five miles along the Columbia River to the point of beginning.

(c) Horse Heaven Hills southwest buffer zone. An area near Patterson starting at the southeast corner of Section 7, T5N, R26E following section lines north five miles to the northeast corner of Section 19, T6N, R26E; thence west two miles to the northwest corner of Section 24, T6N, R25E; thence south one-half mile along section line; thence west two miles to the common boundary of Sections 21 and 22, T6N, R25E; thence north one-half mile to the northeast corner of Section 21, T6N, R25E; thence west three miles to the northwest corner of Section 19, T6N, R25E; thence south three miles to the southwest corner of Section 31, T6N, R25E; thence east three miles to the southeast corner of Section 33, T6N, R25E; thence south three miles to the southeast corner of Section 16, T5N, R25E; thence west one mile to the

northwest corner of Section 21, T5N, R25E; thence south one mile to the southwest corner of Section 21, T5N, R25E; thence east two miles to the southeast corner of Section 22, T5N, R25E; thence north one mile to the northeast corner of Section 22, T5N, R25E; thence east two miles to the southeast corner of Section 13, T5N, R25E; thence north one mile to the northeast corner of Section 13, T5N, R25E; thence east one mile to the point of origin.

(2) Area 3 restrictions.

(a) Application by air of use restricted herbicides as defined in WAC 16-230-810 is prohibited.

(b) The use or application of low volatile ester formulations of use restricted herbicides is prohibited: Provided, That hormone sprays may be applied by aircraft to orchards for the prevention of fruit drop.

(c) On and after April 5 through October 31 of each year, applications of use restricted herbicides are prohibited daily from three hours prior to sunset until two hours after sunrise the following morning: Provided, That applications of use restricted herbicides are exempt from the sunset and sunrise restrictions when using an application rate of forty gallons of water carrier or greater per treated acre at twenty pounds of pressure or less at the nozzle: Provided further, That applications of granular and pellet formulations of the use restricted herbicides are exempt from the sunset and sunrise restrictions: Provided further, That applications of the use restricted herbicides on small experimental plots for research purposes are exempt from the sunset and sunrise restrictions.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-845, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-845, filed 11/22/00, effective 12/23/00; 92-13-035, § 16-230-845, filed 6/10/92, effective 7/11/92; 90-14-034 (Order 2046), § 16-230-845, filed 6/29/90, effective 7/30/90; 89-16-073 (Order 2014), § 16-230-845, filed 7/31/89, effective 8/31/89.]

WAC 16-230-850 What are the boundaries and restrictions for Area 4? (1) Area 4 description.

(a) Tri-cities northwest buffer zone. An area including all lands lying within a boundary line beginning at the northwest corner of Section 25, T10N, R26E; thence north two miles along section lines to the northwest corner of Section 13, T10N, R26E; thence east one mile along the section line to the northeast corner of Section 13, T10N, R26E; thence north approximately one-half mile along the section line to the United States Department of Energy Hanford Site south boundary line; thence easterly approximately ten miles and south approximately two and one-half miles along the south boundary line to the south section line of Section 27, T10N, R28E; thence west approximately six and three-fourths miles along section lines to the southwest corner of Section 27, T10N, R27E; thence north one mile along the section line to the northwest corner of Section 27, T10N, R27E; thence west four miles along section lines to the point of beginning.

(b) Tri-cities northeast buffer zone. An area including all lands lying within a boundary line beginning at the intersection of the Esquatzel Diversion Channel drain and the Columbia River; thence east along the Esquatzel Channel to its intersection with Road 68; thence southeasterly approximately one mile along Road 68 to its intersection with Fraser Drive near the northeast corner of Section 24, T10N, R28E; thence south approximately four miles along section lines

and portions of Fraser Drive and Dent Road to the southwest corner of Section 6, T9N, R29E; thence east approximately eight and one-half miles along section lines and a portion of Foster Wells Road to its intersection with the Bonneville Power Administration power line in Section 4, T9N, R30E; thence southeasterly approximately seven miles along the power line to its intersection with SR 124 in Section 32, T9N, R31E; thence easterly approximately two and one-half miles along SR 124 to the east section line of Section 34, T9N, R31E near the intersection of SR 124 and the Union Pacific Railroad; thence south approximately three miles along section lines to the southeast corner of Section 15, T8N, R31E; thence west approximately one-fourth mile along the section line to the Union Pacific Railroad; thence southerly approximately four and one-half miles along the railroad to its intersection with U.S. Highway 12 near the Boise Cascade paper mill; thence northwesterly along Highway 12 to its intersection with Interstate 182; thence westerly along I-182 to the west shoreline of the Columbia River; thence northerly approximately six and one-half miles along the Columbia River to the U.S. Department of Energy Hanford Site south boundary line in Section 14, T10N, R28E; thence east approximately one-half mile across the Columbia River to its east shoreline; thence northerly approximately one-half mile to the point of beginning.

(2) Area 4 restrictions.

(a) Application by air of use restricted pesticides as defined in WAC 16-230-810 may be made by written permit only.

(b) The use or application of low volatile ester formulations of use restricted herbicides is prohibited: Provided, That hormone sprays may be applied by aircraft to orchards for the prevention of fruit drop.

(c) On and after April 5 through October 31 of each year all applications of use restricted herbicides are prohibited daily from three hours prior to sunset until two hours after sunrise the following morning: Provided, That applications of use restricted herbicides are exempt from the sunset and sunrise restrictions when using an application rate of forty gallons of water carrier or greater per treated acre at twenty pounds of pressure or less at the nozzle: Provided further, That applications of granular and pellet formulations of the use restricted herbicides are exempt from the sunset and sunrise restrictions: Provided further, That applications of the use restricted herbicides on small experimental plots for research purposes are exempt from the sunset and sunrise restrictions.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-850, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-850, filed 11/22/00, effective 12/23/00; 92-13-035, § 16-230-850, filed 6/10/92, effective 7/11/92; 90-14-034 (Order 2046), § 16-230-850, filed 6/29/90, effective 7/30/90; 89-16-073 (Order 2014), § 16-230-850, filed 7/31/89, effective 8/31/89.]

WAC 16-230-855 What are the boundaries and restrictions for Area 5? (1) Area 5 description.

(a) Cold Creek buffer zone. An area including all lands lying within a boundary line beginning at the southwest corner of Section 7, T12N, R24E; thence east five miles along section lines to the southeast corner of Section 11, T12N, R24E; thence north approximately seven miles along section

lines to the Columbia River; thence easterly approximately two miles along the Columbia River to the east section line of Section 6, T13N, R25E, near the Vernita Bridge; thence south approximately eight and one-half miles along section lines to the southeast corner of Section 18, T12N, R25E; thence west seven miles along section lines to the Benton-Yakima County line at the southwest corner of Section 18, T12N, R24E; thence north one mile along the county line to the point of beginning.

(b) Roza buffer zone. An area including all lands lying within a boundary line beginning at the northwest corner of Section 25, T10N, R26E; thence west four miles along section lines to the northwest corner of Section 29, T10N, R26E; thence south one mile along the section line to the southwest corner of Section 29, T10N, R26E; thence west eleven miles along section lines to the southeast corner of Section 29, T10N, R24E; thence north one mile along the section line to the intersection with Anderson Road at the northeast corner of Section 29, T10N, R24E; thence west two miles along Anderson Road and section lines to the Benton-Yakima County line at the northwest corner of Section 30, T10N, R24E; thence north two miles along the county line to the northwest corner of Section 18, T10N, R24E; thence east four miles along section lines to the northeast corner of Section 15, T10N, R24E; thence south one mile along the section line to the southeast corner of Section 15, T10, R24E; thence east seven miles along section lines to the southwest corner of Section 13, T10N, R25E; thence north one mile along the section line to the northwest corner of Section 13, T10N, R25E; thence east six miles along section lines to the northwest corner of Section 13, T10N, R26E; thence south two miles along section lines to the point of beginning.

(c) Horse Heaven Hill southwest buffer zone. An area including all lands lying within a boundary line beginning at the northwest corner of Section 13, T6N, R24E; thence south five miles along section lines to the southwest corner of Section 1, T5N, R24E; thence east three miles along the section lines to the northeast corner of Section 8, T5N, R25E; thence south one mile along the section line to the southeast corner of Section 8, T5N, R25E; thence west one mile along the section line to the southwest corner of Section 8, T5N, R25E; thence south approximately five miles to the Washington Oregon border; thence northeasterly along the Washington Oregon border until its intersection with the eastern section line of Section 8, T5N, R26E; thence north approximately six miles along section lines to the northeast corner of Section 17, T6N, R26E; thence west nine miles to the point of beginning.

(2) Area 5 restrictions.

(a) Application by air of use restricted herbicides as defined by WAC 16-230-810 may be made by written permit only.

(b) The use or application of low volatile ester formulations of use restricted herbicides is prohibited on and after April 5 through October 31 of each year: Provided, That hormone sprays may be applied by aircraft to orchards for the prevention of fruit drop.

(c) On and after April 5 through October 31 of each year all applications of use restricted herbicides are prohibited daily from three hours prior to sunset until two hours after sunrise the following morning: Provided, That applications

of use restricted herbicides are exempt from the sunset and sunrise restrictions when using an application rate of forty gallons of water carrier or greater per treated acre at twenty pounds of pressure or less at the nozzle: Provided further, That applications of granular and pellet formulations of the use restricted herbicides are exempt from the sunset and sunrise restrictions: Provided further, That applications of the use restricted herbicides on small experimental plots for research purposes are exempt from the sunset and sunrise restrictions.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-855, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-855, filed 11/22/00, effective 12/23/00; 92-13-035, § 16-230-855, filed 6/10/92, effective 7/11/92; 90-14-034 (Order 2046), § 16-230-855, filed 6/29/90, effective 7/30/90; 89-16-073 (Order 2014), § 16-230-855, filed 7/31/89, effective 8/31/89.]

WAC 16-230-860 What are the boundaries and restrictions for Area 6? (1) Area 6 description. All remaining lands in the area under order.

(2) Area 6 restrictions.

(a) The use or application of low volatile ester formulations of use restricted herbicides is prohibited on and after April 5 through October 31 of each year: Provided, That phenoxy hormone-type sprays may be applied by aircraft to orchards for the prevention of fruit drop.

(b) On and after April 5 through October 31 of each year all applications of use restricted herbicides are prohibited daily from three hours prior to sunset to sunrise the following morning: Provided, That applications of use restricted herbicides are exempt from the sunset restrictions when using an application rate of forty gallons of water carrier or greater per treated acre at twenty pounds of pressure or less at the nozzle: Provided further, That applications of granular and pellet formulations of the use restricted herbicides are exempt from the sunset restrictions: Provided further, That applications of use restricted herbicides on small experimental plots for research purposes are exempt from the sunset restrictions.

(c) On and after April 5 through October 31 of each year, aerial applications of use restricted herbicides are prohibited daily from three hours prior to sunset until two hours after sunrise the following morning.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-860, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-860, filed 11/22/00, effective 12/23/00; 92-13-035, § 16-230-860, filed 6/10/92, effective 7/11/92; 90-14-034 (Order 2046), § 16-230-860, filed 6/29/90, effective 7/30/90; 89-16-073 (Order 2014), § 16-230-860, filed 7/31/89, effective 8/31/89.]

WAC 16-230-861 What are the restrictions on applications due to wind conditions? The use or application of all herbicides and class 1 and 2 insecticides are prohibited in the area under order listed in WAC 16-230-800 when the mean sustained wind velocity is over ten miles per hour throughout the year: Provided, That applications shall be allowed in higher velocity winds when an approved ground apparatus is used and allowed by the label. Ground apparatus shall be approved by the department prior to application. Approval shall be based on research data: Provided further, That applications of granular and pellet formulations of use restricted pesticides defined in WAC 16-230-810 as well as

applications made to structures are exempt from the wind restrictions.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-861, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-861, filed 11/22/00, effective 12/23/00; 92-13-035, § 16-230-861, filed 6/10/92, effective 7/11/92; 90-14-034 (Order 2046), § 16-230-861, filed 6/29/90, effective 7/30/90.]

WAC 16-230-863 Application of pesticides in Benton County—Use restricted herbicides ground apparatus nozzle requirements. Ground applications of use restricted herbicides in the area under order listed in WAC 16-230-800 shall be made, throughout the year, using nozzles having a single orifice and minimum diameter of .052 inches or a LP 8002 nozzle. Pressure shall not exceed twenty-five pounds per square inch at the nozzle for .052 and other orifice openings and pressure shall not exceed fifteen pounds per square inch at the nozzle for LP 8002 or equivalent nozzle. Pressure up to fifty pounds per square inch at the nozzle may be used for equipment with handguns and up to ninety pounds per square inch at the nozzle manifold for an inert system: Provided, That the department may issue a permit for other nozzles and pressure combinations that are equal or better. Prior to issuing such permits, the request shall be reviewed by a scientific committee established by the director: Provided further, That when Glyphosate is the only use restricted herbicide being used during an application for weed control in reduced tillage cropping any nozzles may be used that delivers at a minimum ten gallons of water carrier or greater per treated acre at a pressure not exceeding twenty-five pounds per square inch at the nozzle: Provided further, That Glyphosate applications using a .052 nozzle at twenty-five pounds of pressure or less at the nozzle, and a LP 8002 nozzle at fifteen pounds of pressure or less at the nozzle shall be exempt from the ten-gallon minimum volume: Provided further, That pressurized handsized household devices used to apply use restricted herbicides, or any equipment, device, or contrivance of which the person who is applying the pesticide is the source of power or energy in making such herbicide applications shall be exempt from nozzle requirements.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-863, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-863, filed 11/22/00, effective 12/23/00; 92-13-035, § 16-230-863, filed 6/10/92, effective 7/11/92.]

WAC 16-230-864 Application of pesticides in Benton County—Use restricted herbicides, aircraft boom length, pressure, and nozzle requirements. The aerial application of use restricted herbicides in the area under order listed in WAC 16-230-800 shall be made in accordance with the following requirements:

(1) The working boom length on fixed wing aircraft shall not exceed three-fourths of the wing span and the working boom length on a helicopter shall not exceed six-sevenths of the total rotor length where the rotor length exceeds forty feet.

(2) Pressure for aerial equipment shall not exceed twenty-five psi at the nozzles.

(3) Nozzles for aircraft:

(a) Fixed wing:

(i) Minimum nozzle orifice of .075 inches (no core plate) provided, that RD8 nozzles with orifice size of 0.125 inches

and No. 46 core plates may be used. Nozzles shall be directed downward and backward one hundred seventy degrees or more from the direction of flight.

(ii) No flat fan nozzles shall be allowed.

(b) Helicopter:

(i) Minimum nozzle orifice of .063 inches (no core plate) provided, that RD8 nozzles with orifice size of .125 inches and core plate No. 46 may be used. Nozzles shall be directed downward and backward ninety degrees or more from the direction of flight.

(ii) No flat fan nozzles shall be allowed.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-864, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-864, filed 11/22/00, effective 12/23/00; 92-13-035, § 16-230-864, filed 6/10/92, effective 7/11/92.]

WAC 16-230-866 Application of pesticides in Benton County—Use restricted herbicides—Temperature conditions. All phenoxy compounds and dicamba shall not be applied when the temperature is above eighty-five degrees F. or above at the point of application: Provided, That application at the rate of fifty gallons or more per acre using nozzles having a minimum orifice diameter of .072 inches shall be exempt from the eighty-five degrees F. temperature requirement: Provided further, That when using the invert system, applications may continue up to ninety-five degrees F. with a maximum wind velocity of fifteen miles per hour and with water carrier at twelve or more gallons per acre.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-866, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-866, filed 11/22/00, effective 12/23/00; 92-13-035, § 16-230-866, filed 6/10/92, effective 7/11/92.]

WAC 16-230-868 What are the restrictions due to weather? Use restricted herbicides shall not be applied throughout the year in the entire area under order when there is a temperature inversion present or weather conditions are such that damage could result to adjacent and nearby towns, susceptible crops, and plantings through physical drift or volatilization: Provided, That applications of use restricted herbicides are exempt from the inversion requirements when using one hundred gallons or greater of water carrier per treated acre while using no greater than fifteen pounds of pressure per square inch at the nozzle.

[Statutory Authority: Chapters 17.21, 15.58, and 34.05 RCW. 07-11-041A, § 16-230-868, filed 5/9/07, effective 6/9/07. Statutory Authority: Chapters 17.21 and 15.58 RCW. 00-24-002, § 16-230-868, filed 11/22/00, effective 12/23/00; 92-13-035, § 16-230-868, filed 6/10/92, effective 7/11/92.]