



**RULE-MAKING ORDER**  
(RCW 34.05.360)

**CR-103** (10/1/89)

Agency: Washington State Dept. of Agriculture

- Permanent Rule
- Emergency Rule

(1) Date of adoption: March 23, 1992

(2) Purpose: To place additional restrictions on the use of restricted use pesticides in the area under order in Benton County and portions of Franklin and Walla Walla Counties.

(3) Citation of existing rules affected by this order:

Repealed: 16-231-001 through 16-231-030  
 Amended: 16-230-810; 16-230-825; 16-230-835; 16-230-840; 16-230-845; 16-230-850  
 Suspended: 16-230-855; 16-230-860; 16-230-861.

(4) Authority for adoption: 17.21 and 15.58 RCW  
 Statute:  
 Other Authority:

**(5.1) PERMANENT RULE ONLY**

Pursuant to notice filed as WSR \_\_\_\_\_ on \_\_\_\_\_ (date).  
 Describe any changes other than editing from proposed to adopted version:

**(5.2) EMERGENCY RULE ONLY**

Pursuant to RCW 34.05.350 the agency for good cause finds:

- (a) That immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.
- (b) That state or federal law or federal rule or a federal deadline for state receipt of federal funds requires immediate adoption of a rule.

Herbicide drift was experienced on grapes in the area under order during 1991. Reasons for this finding: The department held a hearing on proposed rules February 25, 1992 and emergency rules were adopted on March 13, 1992. Because the budbreak for grapes and fruit crop is unusually early this year, new emergency rules are hereby adopted which incorporate early dates for restricting the application of pesticides.

(5.3) Any other findings required by other provisions of law as precondition to adoption or effectiveness of rule?

Yes  No If yes, explain:

(6) Effective date of rule:

- |  |   |
|--|---|
| <b>Permanent Rules</b><br><input type="checkbox"/> 31 days after filing<br><input type="checkbox"/> Other (specify) _____* | <b>Emergency Rules</b><br><input checked="" type="checkbox"/> Immediately<br><input type="checkbox"/> Later (specify) _____ |
|--|---|

\* (If less than 31 days after filing, specific finding in 5.3 under RCW 34.05 380(3) is required)

**CODE REVISER USE ONLY**

CODE REVISER'S OFFICE  
STATE OF WASHINGTON  
FILED

MAR 23 1992

TIME 2:48  
 FILED 72-08-027

NAME (TYPE OR PRINT)

C. Alan Pettibone

SIGNATURE

TITLE

Director

DATE

3/23/92

AMENDATORY SECTION (Amending Order 2014, filed 7/31/89, effective 8/31/89)

WAC 16-230-810 APPLICATION OF PESTICIDES IN BENTON COUNTY AND PORTIONS OF FRANKLIN AND WALLA WALLA COUNTIES--RESTRICTED USE PESTICIDES. For the purposes of WAC 16-230-800 through (~~WAC 16-230-865~~) 16-230-870, the following pesticides are declared to be restricted use pesticides:

- (1) Restricted use 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 type herbicides (such as 2,4-D, MCPA)
  - (e) dicamba (such as Banvel)
  - (f) Bromoxynil (such as Brominal, Buctril, ME4 Brominal)
- (2) Restricted use insecticides:
  - (a) All Category I insecticides with the signal words danger/poison on the label, except granular and pellet formulations;
  - (b) Additionally, all insecticides, except granular and pellet formulations, are declared to be restricted use in Area 1 and Area 1A as described in WAC 16-230-835.

NEW SECTION

WAC 16-230-813 APPLICATION OF PESTICIDES IN BENTON COUNTY AND PORTIONS OF FRANKLIN AND WALLA WALLA COUNTIES--OIL TYPE CARRIERS. On and after March 25 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.

AMENDATORY SECTION (Amending Order 2046, filed 6/29/90, effective 7/30/90)

WAC 16-230-825 APPLICATION OF PESTICIDES IN BENTON COUNTY AND PORTIONS OF FRANKLIN AND WALLA WALLA COUNTIES--PERMITS. The following conditions will apply to all permits issued under the authority of WAC 16-230-800 through (~~16-230-865~~) 16-230-870.

(1) Application for a permit may be made to the Washington State Department of Agriculture, Compliance Branch, 2015 S. 1st Street, Yakima, Washington 98903. Applications may also be taken in person or by phone.

(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.

AMENDATORY SECTION (Amending Order 2046, filed 6/29/90, effective 7/30/90)

WAC 16-230-835 APPLICATION OF PESTICIDES IN BENTON COUNTY AND PORTIONS OF FRANKLIN AND WALLA WALLA COUNTIES--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 ((19,--T6N,--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 approximately one mile along the section line to the intersection with the Kennebec Irrigation District (K.I.D.) main canal; thence easterly along the K.I.D. main canal to the Amen 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) 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 ((five and one half)) 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 (~~four~~) two miles along the county line to the point of beginning.

(2) Area 1 restrictions.

(a) Application by air of restricted use 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 restricted use herbicides shall be prohibited on and after March 25 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 March 25 through October 31 of each year, all applications of restricted use herbicides shall be prohibited daily from three hours prior to sunset to sunrise the following morning: PROVIDED, That applications of restricted use herbicides shall be 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 restricted use herbicides shall be exempt from the sunset restrictions: PROVIDED FURTHER, That applications of restricted use herbicides on small experimental plots for research purposes by persons licensed in the demonstration and research category shall be exempt from the sunset restrictions.

AMENDATORY SECTION (Amending Order 2014, filed 7/31/89, effective 8/31/89)

WAC 16-230-840 APPLICATION OF PESTICIDES IN BENTON COUNTY AND PORTIONS OF FRANKLIN AND WALLA WALLA COUNTIES--AREA 2. (1) Area 2 description. Tri-Cities, Benton City area. 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 south approximately one-half mile along the Columbia River to the south section line of Section 8, T7N, R31E; thence east approximately three miles across the Columbia River to the intersection with U.S. Highway 12 at the south section line of Section 10, T7N, R31E; thence northwesterly along Highway 12 to its intersection with Interstate 182; thence westerly along Interstate 182 to the west shoreline of the Columbia River; thence northerly approximately six and one-half miles along the Columbia River to 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 restricted use pesticides as defined in WAC 16-230-810 is prohibited.

(b) The use or application of low volatile ester formulations of restricted use herbicides is prohibited: PROVIDED, That hormone

sprays may be applied by aircraft to orchards for the prevention of fruit drop.

(c) On and after March 25 through October 31 of each year, applications of restricted use herbicides shall be prohibited daily from three hours prior to sunset until two hours after sunrise the following morning: PROVIDED, That applications of restricted use herbicides shall be 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 restricted use herbicides shall be exempt from the sunset and sunrise restrictions: PROVIDED FURTHER, That applications of restricted use herbicides for research purposes by persons licensed in the demonstration and research category shall be exempt from the sunset and sunrise restrictions.

AMENDATORY SECTION (Amending Order 2046, filed 6/29/90, effective 7/30/90)

WAC 16-230-845 APPLICATION OF PESTICIDES IN BENTON COUNTY AND PORTIONS OF FRANKLIN AND WALLA WALLA COUNTIES--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 restricted use herbicides as defined in WAC 16-230-810 is prohibited.

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

(c) On and after March 25 through October 31 of each year, applications of restricted use herbicides shall be prohibited daily from three hours prior to sunset until two hours after sunrise the following morning: PROVIDED, That applications of restricted use herbicides shall be 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 restricted use herbicides shall be exempt from the sunset and sunrise restrictions: PROVIDED FURTHER, That applications of the restricted use herbicides on small experimental plots for research purposes by persons licensed in the demonstration and research category shall be exempt from the sunset and sunrise restrictions.

AMENDATORY SECTION (Amending Order 2046, filed 6/29/90, effective 7/30/90)

WAC 16-230-850 APPLICATION OF PESTICIDES IN BENTON COUNTY AND PORTIONS OF FRANKLIN AND WALLA WALLA COUNTIES--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 restricted use 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 restricted use herbicides is prohibited: PROVIDED, That hormone sprays may be applied by aircraft to orchards for the prevention of fruit drop.

(c) On and after March 25 through October 31 of each year all applications of restricted use herbicides shall be prohibited daily from three hours prior to sunset until two hours after sunrise the following morning: PROVIDED, That applications of restricted use herbicides shall be 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 restricted use herbicides shall be exempt from the sunset and sunrise restrictions: PROVIDED FURTHER, That applications of the restricted use herbicides on small experimental plots for research purposes by persons licensed in the demonstration and research category shall be exempt from the sunset and sunrise restrictions.

AMENDATORY SECTION (Amending Order 2046, filed 6/29/90, effective 7/30/90)

WAC 16-230-855 APPLICATION OF PESTICIDES IN BENTON COUNTY AND PORTIONS OF FRANKLIN AND WALLA WALLA COUNTIES--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 restricted use 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 restricted use herbicides shall be prohibited on and after March 25 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 March 25 through October 31 of each year all applications of restricted use herbicides shall be prohibited daily from three hours prior to sunset until two hours after sunrise the following morning: PROVIDED, That applications of restricted use herbicides shall be 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 restricted use herbicides shall be exempt from the sunset and sunrise restrictions: PROVIDED FURTHER, That applications of the restricted use herbicides on small experimental plots for research purposes by persons licensed in the demonstration and research category shall be exempt from the sunset and sunrise restrictions.



AMENDATORY SECTION (Amending Order 2046, filed 6/29/90, effective 7/30/90)

WAC 16-230-860 APPLICATION OF PESTICIDES IN BENTON COUNTY AND PORTIONS OF FRANKLIN AND WALLA WALLA COUNTIES--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 restricted use herbicides shall be prohibited on and after March 25 through October 31 of each year: PROVIDED, That hormone sprays may be applied by aircraft to orchards for the prevention of fruit drop.

(b) On and after March 25 through October 31 of each year all applications of restricted use herbicides shall be prohibited daily from three hours prior to sunset to sunrise the following morning: PROVIDED, That applications of restricted use herbicides shall be 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 restricted use herbicides shall be exempt from the sunset restrictions: PROVIDED FURTHER, That applications of restricted use herbicides on small experimental plots for research purposes by persons licensed in the demonstration and research category shall be exempt from the sunset restrictions.

(c) On and after March 25 through October 31 of each year, aerial applications of restricted use herbicides shall be prohibited daily from three hours prior to sunset until two hours after sunrise the following morning.

AMENDATORY SECTION (Amending Order 2046, filed 6/29/90, effective 7/30/90)

WAC 16-230-861 APPLICATION OF PESTICIDES IN BENTON COUNTY AND PORTIONS OF FRANKLIN AND WALLA WALLA COUNTIES--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 ((~~twelve~~)) ten miles per hour throughout the year: PROVIDED, That applications shall be allowed in higher velocity winds when an approved ground apparatus is used. 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 restricted use pesticides defined in WAC 16-230-810 as well as applications made to structures shall be exempt from the wind restrictions.

NEW SECTION

WAC 16-230-862 APPLICATION OF PESTICIDES IN BENTON COUNTY AND PORTIONS OF FRANKLIN AND WALLA WALLA COUNTIES--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 it's 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 restricted use 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 restricted use herbicides shall be prohibited on and after March 25 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 March 25 through October 31 of each year, applications of restricted use herbicides shall be prohibited daily from three hours prior to sunset until two hours after sunrise the following morning: PROVIDED, That applications of restricted use herbicides shall be 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 restricted use herbicides shall be exempt from the sunset and sunrise restrictions: PROVIDED FURTHER, That applications of restricted use herbicides for research purposes by persons licensed in the demonstration and research category shall be exempt from the sunset and sunrise restrictions.

NEW SECTION

WAC 16-230-863 APPLICATION OF PESTICIDES IN BENTON COUNTY AND PORTIONS OF FRANKLIN AND WALLA WALLA COUNTIES--RESTRICTED USE HERBICIDES GROUND APPARATUS NOZZLE REQUIREMENTS. Ground applications of restricted use 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 restricted use 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 restricted use 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.

NEW SECTION

WAC 16-230-864 APPLICATION OF PESTICIDES IN BENTON COUNTY AND PORTIONS OF FRANKLIN AND WALLA WALLA COUNTIES--RESTRICTED USE HERBICIDES, AIRCRAFT BOOM LENGTH, PRESSURE, AND NOZZLE REQUIREMENTS. The aerial application of restricted use 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 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.

NEW SECTION

WAC 16-230-866 APPLICATION OF PESTICIDES IN BENTON COUNTY AND PORTIONS OF FRANKLIN AND WALLA WALLA COUNTIES--RESTRICTED USE HERBICIDES--TEMPERATURE CONDITIONS. All phenoxy compounds and Banvel 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.

NEW SECTION

WAC 16-230-868 APPLICATION OF PESTICIDES IN BENTON COUNTY AND PORTIONS OF FRANKLIN AND WALLA WALLA COUNTIES--RESTRICTED USE HERBICIDE WEATHER CONDITIONS. Restricted use 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 restricted use herbicides shall be 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.

NEW SECTION

WAC 16-230-870 OTHER RULES. Provisions of WAC 16-230-800 through 16-230-868 shall take precedence over all existing, less restrictive rules of the department affecting the application of pesticides in Benton, Franklin, or Walla Walla counties. No provision of WAC 16-230-800 through 16-230-868 shall be construed as relieving any requirement of existing rules except those in direct conflict.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 16-230-865 OTHER RULES.

REPEALER

The following sections of the Washington Administrative Code are repealed:

WAC 16-231-001 RESTRICTED USE HERBICIDES--BENTON COUNTY--AREA  
UNDER ORDER.  
WAC 16-231-005 RESTRICTED USE HERBICIDES.  
WAC 16-231-010 OIL-TYPE CARRIERS.  
WAC 16-231-015 RESTRICTED USE HERBICIDES--BENTON COUNTY--AREA 1.  
WAC 16-231-020 RESTRICTED USE HERBICIDES--BENTON COUNTY--AREA 2.  
WAC 16-231-025 AREA 3.  
WAC 16-231-030 RESTRICTED USE HERBICIDES--BENTON COUNTY--WIND  
CONDITIONS.