

Onion Maggot Control Area in Malheur County

Adm. Order No.: DOA 3-1999

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Rules Amended: 603-052-0360

Subject: This amendment of the Onion Maggot Control Area Order OAR 603-052-0360 sets the amount of chopped or shredded onion returned to the field at the DEQ-approved rate of 80 tons per acre, specifies the need for 12 inches of onion-free soil over composted onion debris, and increases the depth to which bulbs left in the field after harvest must be plowed from 8 to 12 inches. When inclement weather prevents plowing prior to March 15, the PNW Insect Control Handbook will be the source for insecticides to be used to treat culls until proper disposal occurs. Some minor editorial changes, primarily to clarify what is meant by onion debris, are also made.

Rules Coordinator: Lois Shafer – (503) 986-4757

603-052-0360

Control Area: Onion Maggot -- Malheur County

(1) A control area is established within the boundaries of Malheur County for the protection of the onion industry by the eradication or control of the insect pest known as the onion maggot. This control area order is based on IPM principles first recognized and used by Malheur County growers in 1957.

(2) The following methods of eradication and control are declared to be the proper methods used in this control area order:

(a) All cull or waste onions in Malheur County shall be disposed of by a method approved by this control order prior to March 15 each year; for onions sorted after that date, the resulting cull and waste onions shall be disposed of within one week after such sorting;

(b) Disposal of cull or waste onions shall be accomplished only as set forth below:

(A) Disposal by covering in a dumpsite

approved by the Oregon Department of Environmental Quality (DEQ). Culls and onion debris shall be dumped and covered by at least 12 inches of onion-free soil by March 15 each year;

(B) Disposal by animal feeding. Culls and onion debris shall be completely removed from feeding areas by March 15 and buried under 12 inches of onion-free soil. Onions tramped into the soil so they cannot be removed shall be plowed to a depth of 12 inches;

(C) Disposal by chopping or shredding. Chopped or shredded onion debris that is incapable of sprouting may be returned to the field at a tonnage rate no higher than the DEQ-approved rate of 80 tons per acre and plowed to a depth where no onion parts are exposed on the surface;

(D) Composting. All onion debris shall be incorporated into the compost bed and completely covered by 12 inches of onion-free soil;

(E) Disposal of residue in onion producing fields. Commercial onion fields where sort out bulbs are left at harvest shall be disked to destroy the bulbs and shall be plowed to a depth of at least 12 inches by March 15 each year. Seed bulbs shall be disposed of in the same manner following the last harvest;

(F) If inclement weather prevents plowing, the culls will be treated with an EPA-labeled insecticide currently listed in the **PNW Insect Control Handbook** at prescribed intervals until proper disposal occurs.

[Publications: The publication referred to or incorporated by reference in this rule is available from the agency.]

Stat. Auth.: ORS 561.190, ORS 561.510 - ORS 561.600, ORS 570.305, ORS 570.405 & ORS 570.410 - ORS 570.415

Stats. Implemented: ORS 561.190, ORS 561.510 - ORS 561.600, ORS 570.305, ORS 570.405 & ORS 570.410 - ORS 570.415

Hist.: AD 590, f. 9-10-58, ef. 9-28-58; AD 784(8-64), f. 4-29-64, ef. 5-15-64; AD 4-1995, f. & cert. ef. 4-5-95; DOA 3-1999, f. & cert. ef. 1-29-99