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IDAPA 02
TITLE 06
Chapter 12

02.06.12 - QUARANTINE ORDER NO. 8-1962
PERTAINING TO EUROPEAN PINE SHOOT MOTH

000. -- 009. (RESERVED).

010. PEST.

The pest is determined to be the European pine shoot moth (*Rhyacionia buoliana*) (Schiff). (4-1-83)

011. -- 049. (RESERVED).

050. AREA UNDER QUARANTINE.

The area under quarantine is all States and Districts of the United States, except Alaska and Hawaii. (4-1-83)

01. Infested Area. The entire states of Connecticut, Delaware, Illinois, Indiana, Iowa, Maine, Maryland, Massachusetts, Michigan, Missouri, New Hampshire, New Jersey, New York, Ohio, Oregon, Pennsylvania, Rhode Island, Washington, West Virginia, and Wisconsin are considered to be infested. (4-1-83)

02. Non-Infested Area. Any State or District of the United States under quarantine which is not described as "Infested Area" in Subsection 050.01 is considered to be a non-infested State or District. (4-1-83)

051. -- 099. (RESERVED).

100. REGULATED ARTICLES.

All species and varieties of pine (*Pinus* species) trees (with or without roots) and any branches or twigs of pines bearing terminal buds, needles or shoots are hereby declared to be hosts and possible carriers of the pests herein quarantined against. (4-1-83)

101. -- 149. (RESERVED).

150. RULES GOVERNING SHIPMENTS.

Certificate of Origin or Treatment Required: (4-1-83)

01. Prohibition. Except as hereinafter provided in Subsection 150.02, regulated articles as defined in Section 100 are prohibited entry into the State of Idaho from the area under quarantine unless each lot or shipment is accompanied by a certificate signed by or bearing a facsimile signature of the authorized agricultural inspection official of the origin state, affirming that the restricted articles accompanied thereby have been produced in and shipped from a non-infested State or District described in Subsection 050.02, or that the restricted articles accompanied thereby have been treated under official supervision previous to shipment in a manner and by a method which has been approved and prescribed by the Director of Agriculture. (4-1-83)

02. Special Permits to Official Agencies. The Director of Agriculture may issue special permits to official State or Federal Departments of Forestry, authorizing the entry of seedling trees from the infested area without treatment for reforestation or scientific research providing such trees have been greenhouse grown under official supervision or otherwise produced and subsequently handled under conditions satisfactory to the Director of Agriculture to preclude infestation or exposure to infestation by the European pine shoot moth. (4-1-83)

03. Shipments of regulated articles destined to the state of Idaho shall be routed for purposes of inspection through one of the following terminal points: (4-1-83)

a. Burley -- This station is designated a terminal inspection point from September 15 through June 30. (4-1-83)

b. Boise. (4-1-83)

c. Lewiston. (4-1-83)

- 30. d. Rexburg -- This station is designated a terminal inspection point from September 15 through June (4-1-83)
- e. Blackfoot. (4-1-83)
- f. Caldwell. (4-1-83)
- g. Nampa. (4-1-83)
- h. Twin Falls. (4-1-83)
- i. Idaho Falls. (4-1-83)
- j. Parma. (4-1-83)
- k. Payette. (4-1-83)
- 30. l. Pocatello -- This station is designated a terminal inspection point from September 15 through June (4-1-83)
- m. Emmett. (4-1-83)
- n. Sandpoint. (4-1-83)

151. -- 199. (RESERVED).

200. APPROVED TREATMENT.

The following methods and procedures are approved and prescribed in accordance with Section 150 of the European Pine Shoot Moth Quarantine for treating pine trees and parts thereof produced in or shipped from infested areas described in Subsection 050.01 as a condition of certification for shipment to Idaho or within the state of Idaho.

(4-1-83)

01. Requirements for Chamber or Gastight Enclosure. All methyl bromide fumigation of pine stock shall be performed in a chamber or gastight enclosure approved by the proper plant quarantine official of the State Department of Agriculture as being properly constructed, equipped and operated to assure correct dosage, temperature control and uniform distribution of fumigant. After an initial introduction of four (4) pounds per one thousand (1,000) cubic feet, the chamber must be capable of maintaining a gas concentration of not less than fifty-one (51) ounces per one thousand (1,000) cubic feet at the termination of the recommended fumigation period. All chambers and gastight enclosures used for fumigation of pine stock with methyl bromide shall be tested at regular intervals, at least annually, by the certifying agency.

(4-1-83)

02. Load Arrangement. Not over two-thirds (2/3) of the chamber may be occupied by the commodity. Free air space must be left between the top, bottom and sides of the chamber. If the load is to be stacked, a minimum of five (5) inches of air space shall be provided between layers. With the exception of baled stock, space between the top of the material and the top of the chamber shall be no less than twelve (12) inches; space between the side of the material and the side of the chamber and between rows shall be no less than six (6) inches. For baled stock, these minimum distances shall be doubled.

(4-1-83)

03. Volatilizer. Gas must volatilized. A suitable volatilizer consists of twenty-five (25) feet of one quarter inch (1/4") or three-eighths inch (3/8") coiled copper tubing immersed in a container of hot water maintained at a minimum temperature of one hundred eighty (180) degrees F. The volatilizer must be in the introduction system bromide dispenser and the chamber.

(4-1-83)

04. Safety Factors. Maintenance of humidity of seventy-five percent (75%) or over is recommended to reduce hazard of plant injury. Also, recommend thorough aeration of plants after fumigation and protection from direct sun and wind for forty-eight (48) hours.

(4-1-83)

05. Fumigation Schedule. The treatment consists of methyl bromide fumigation under normal atmospheric pressure. Methyl bromide shall be applied at the rate of four (4) pounds for each one thousand (1,000) cubic feet of chamber space for the following periods according to chamber temperature: (4-1-83)

a. Table.

Chamber Temperature	Treatment Period	
	Hours	Minutes
Degrees F.		
45-49	3	28
50-54	3	8
55-59	2	52
60-64	2	38
65-69	2	22
70-74	2	9

(4-1-83)

b. Temperatures above sixty-five (65) degrees F. may result in injury to stock. (4-1-83)

06. Certificates. Certificates shall affirm that no less than four (4) pounds of methyl bromide was applied per one thousand (1,000) cubic feet of chamber space and set forth the chamber temperature and period of exposure. (4-1-83)

201. -- 249. (RESERVED).

250. DISPOSITION OF REGULATED ARTICLES SHIPPED IN VIOLATION OF QUARANTINE.
Regulated articles not meeting the requirements of this quarantine shall be returned to the point of origin of shipment, or destroyed at the option and expense of the shipper or owner. (4-1-83)

251. -- 299. (RESERVED).

300. PENALTIES.
Any person, firm, corporation, or other organizations who violates any provisions of this quarantine will be subject to the penalty provisions of Chapters 19 and 20, Idaho Code. (4-1-83)

301. -- 349. (RESERVED).

350. DUTIES.
All deputies of the Director of Agriculture and all quarantine officers are hereby empowered to carry out the provisions of this quarantine. (4-1-83)

351. -- 399. (RESERVED).

400. EFFECTIVE DATE.
This Quarantine Order shall be in full force and effect on and after April 1, 1983. (4-1-83)

401. -- 999. (RESERVED).