

FROM: Department of Agriculture
(Name of Agency)

TO: CODE REVISER
LEGISLATIVE BLDG (Southwest Corner, Ground Floor)
Olympia 98501

The enclosed Permanent rules , being order No. 1265
Emergency rules
relating to (Name of rules or description of subject matter)

Grades and Standards for Hop Rootstock

(ALTERNATIVE A. Use only for adoption of permanent rules)

pursuant to Notice No. 3432 ① filed with the code reviser
on 4/4/72 ② were regularly adopted as permanent rules of this
(date)
agency at Olympia, Washington on May 10, 72 and are herewith
(place) (date)
filed in the office of the code reviser pursuant to chapter 34.04
RCW. The effective date of such rules shall be 6/9/72. ③

(ALTERNATIVE B. Use only for adoption of emergency rules)

pursuant to its finding that the immediate adoption of
these rules is necessary for the preservation of the public
health, safety, or general welfare and that observance of the
requirements of notice and opportunity to present views on
the proposed action would be contrary to the public interest,
were regularly adopted as emergency rules of this agency at
_____ on _____ and are herewith filed in
(place) (date)
the office of the code reviser pursuant to chapter 34.04 RCW.

The undersigned hereby certifies that the requirements of chapter
34.04 RCW and of the Open Public Meetings Act of 1971, chapter
42.30 RCW (1971 ex.s. c 250) have been fulfilled.

Dated this tenth day of May 19 72.

STATE OF WASH. GTON
FILED
MAY 10 1972
CODE REVISER'S OFFICE
KET.# 404 FILE # 35

Department of Agriculture
(AGENCY)
Cameron S. Adams
By Cameron S. Adams
Acting Director of Agriculture
Title

- ① NOTICE NUMBER AS APPEARS ON THE COPY OF NOTICE RETURNED TO YOU BY REVISER'S OFFICE (IF PROCEEDINGS WERE CONTINUED, USE NO. OF LAST NOTICE)
- ② STAMPED DATE AS APPEARS ON THE COPY OF NOTICE RETURNED TO YOU BY REVISER'S OFFICE (IF PROCEEDINGS WERE CONTINUED, USE DATE OF LAST NOTICE)
- ③ UNLESS A LATER DATE IS SPECIFIED IN THIS ORDER OR IS PRESCRIBED IN ANOTHER STATUTE, RULES ARE EFFECTIVE 30 DAYS AFTER FILING: RCW 34.04.040. LEAVE THIS SPACE BLANK EXCEPT IN SUCH SPECIAL CASES.

Chapter 16-426

GRADES AND STANDARDS FOR HOP ROOTSTOCK

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
OLYMPIA

ORDER NO. 1265
GRADES AND STANDARDS FOR HOP ROOTSTOCK
Effective June 9, 1972

NEW WAC 16-426-001 PROMULGATION. I, Cameron S. Adams, acting director of agriculture of the state of Washington, by virtue of the authority vested in me under Chapter 15.14 RCW and after due notice and public hearing held in Yakima, Washington, on May 3, 1972, pursuant to Chapters 42.30 and 34.04 RCW do hereby establish the following grades and standards for hop rootstock.

NEW WAC 16-426-005 WASHINGTON NO. 1. Washington No. 1 shall consist of hop slips or rhizomes and/or layered stem cuttings of one strain, not less than 5 inches in length and not less than 5/16 inch in diameter and containing at least one visible bud, and crowns not less than 6 inches in length and not less than 3/4 inch in diameter, with 1 or more visible buds which are:

- (1) Fairly fresh.
- (2) Firm.
- (3) Moist.
- (4) Fairly clean.
- (5) Free from damage caused by:
 - (a) Mold.
 - (b) Freezing injury.
 - (c) Broken or mutilated rootstocks.
 - (d) Crown gall.
 - (e) Black rot.

NEW WAC 16-426-010 TOLERANCES. (1) In order to allow for variations incident to proper grading and packing, not more than a combined total of 6 per cent, by count, of the rootstocks in any lot may fail to meet the requirements of the above grade, and not more than 6 per cent of the rootstock may have rhizomes or layered stem cuttings less than 5 inches in length.

(2) The contents of individual containers in the lot, based on sample inspection, are subject to the following limitations, provided the averages for the entire lot are within the tolerances specified:

(a) When a tolerance is 6 per cent or more, individual containers in any lot shall have not more than one and one-half times the tolerance specified.

(3) Hop plants are to be packed in such a manner that they will retain a fresh condition.

NEW WAC 16-426-015 SPECIFIC REQUIREMENTS. (Percentage tolerances)

<u>Diseases or Defects</u>	<u>Registered</u>	<u>Certified</u>
Downy Mildew	0	5%
*Nematodes (cyst)	0	0
*Nematodes (rootknot)	0.1%	1%

*Visible

NEW

WAC 16-426-020 DEFINITIONS.

(1) "Fairly fresh" means that the roots or cuttings are not excessively wilted.

(2) "Firm" means that the plant parts are not soft or spongy, although they may yield to slight pressure.

(3) "Moist" means that the plant parts are reasonably turgid and not dried to a degree that would affect normal growth.

(4) "Fairly clean" means that the plant parts are not matted or caked with dirt.

(5) Free from damage caused by:

(a) "Mold" means that the plants must be free from excessive mold or decay. Plants slightly affected by mold will be allowed.

(b) "Freezing injury" means that the roots must be of a normal color and only moderately affected by discolored roots which affect the normal growth of the plant. Black roots caused by disease shall not be permitted.

(c) "Broken or mutilated rootstock" means the breaking of the root section or splitting of the plant part or other mechanical injury that would affect the normal growth of the plant.


(d) "Crown gall" means the disease caused by Agrobacterium tumefaciens.

(e) "Black rot" means the disease caused by Pseudoperonospora Humuli (Downy Mildew).

NEW

WAC 16-426-025 EFFECTIVE DATE. This order shall take effect on and after June 9, 1972.

I hereby certify that the foregoing is a true and correct copy of the regulations promulgated.


CAMERON S. ADAMS
Acting Director of Agriculture
State of Washington

Signed at Olympia, Washington

Date: May 10, 1972