

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. 1322  
Emergency rules

relating to (Name of rules or description of subject matter)

Nursery Stock Standards for Ground Covers, Young Plants,  
Vines and Seedlings.

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

pursuant to Notice No. 4076 <sup>①</sup> filed with the code reviser  
on 5/30/73 <sup>②</sup> were regularly adopted as permanent rules of this  
(date)  
agency at Olympia, Washington on 6/26/73 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 7/26/73 <sup>③</sup>

(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 twenty-sixth day of June 1973.

STATE OF WASHINGTON  
**FILED**  
JUN 26 1973  
CODE REVISER'S OFFICE  
DOCKET # 4987 FILE # 36

Department of Agriculture  
(AGENCY)  
Stewart Bledsoe  
By Stewart Bledsoe  
Director of Agriculture  
Title \_\_\_\_\_

① NOTICE NUMBER AS APPEARS ON THE COPY OF NOTICE RETURNED TO YOU BY RE-  
VISER'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 REVIS-  
ER'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 16-429

Nursery Stock Standards for

Ground Covers, Young Plants, Vines and Seedlings

STATE OF WASHINGTON  
DEPARTMENT OF AGRICULTURE  
OLYMPIA  
ORDER NO. 1322  
NURSERY STOCK STANDARDS FOR  
GROUND COVERS, YOUNG PLANTS, VINES AND SEEDLINGS  
Effective July 26, 1973

NEW      WAC-16-429-001 PROMULGATION. I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under Chapter 15.13 RCW and after due notice and public hearing held in Olympia, Washington, on June 22, 1973, pursuant to Chapters 42.30 and 34.04 RCW, do hereby establish the following nursery stock standards for ground covers, young plants, vines and seedlings.

NEW      WAC 16-429-010 GRADES AND STANDARDS. Use of Washington grades is optional. If these grades are used however, the plants must meet the grade specification.

(1) Washington grade No. 1 consists of live ornamental ground covers, young plants, vines and seedlings which are vigorous, well formed, well foliated, of good color, free from dead branches and injury.

(2) Washington grade No. 2 consists of live ornamental ground covers, young plants, vines and seedlings which are vigorous, fairly well formed, fairly well foliated, of good color, free from dead branches, lichens and free from damage.

(3) Washington specimen grade consists of any plants which by special treatment, size, trimming, training or by special cultivation or grafting, or that differ from the true type, shall be classified as they would grade except for form.

NEW      WAC 16-429-020 TOLERANCE. In order to allow for variations incident to proper grading and handling, not more than 2 percent, by count, of any lot may be below the requirements of this grade: PROVIDED, That a lower tolerance may be established by written contract between the parties concerned.

NEW      WAC 16-429-030 MARKING REQUIREMENTS. All ornamental ground covers, young plants, vines and seedlings shall be plainly and legibly labeled with stamped, mechanically printed, typewritten, or handwritten letters not less than 1/4" in height, as noted below:

(1) All collected plants shall be labeled "collected" unless grown in the nursery for at least one year.

(2) When plants are on display for retail sales, one plant per block shall be tagged with correct name, size and price.

(3) All advertising of nursery stock shall include size of material advertised when the ad includes prices.

(4) On mixed blocks, each plant shall be properly labeled.

(5) Wholesale lots sold or shipped with two or more plants must have each variety and size segregated and tagged when requested by purchaser.

NEW      WAC 16-429-040 COMPLIANCE WITH FEDERAL AND STATE LAW. Ornamental ground covers, young plants, vines and seedlings, regardless of certification as to grade, must comply

with the requirements and regulations of the U. S. Department of Agriculture, Agricultural Research Service, Plant Quarantine Division and state nursery laws.

NEW WAC 16-429-050 COLLECTED PLANTS.

(1) Trees collected from native stand or established plantings must be so designated.

(2) Native plants collected and balled and burlapped from the wilds must be grown in the nursery for one year before they can be called "nursery stock". If grown less than a year in the nursery, they shall be marked "collected" as indicated in WAC 16-429-030 (1). (See MARKING REQUIREMENTS)

(3) Collected plants shall be graded in the same manner as nursery grown ornamental ground covers, young plants, vines and seedlings.

NEW WAC 16-429-060 SIZE TERMS.

(1) Size Designation. Container - Trade term (designated) or soil volume.

(a) Measurement - Dwarf and semi-dwarf

Use 2" intervals up to 12"

Use 3" intervals from 12" to 24"

Examples: 4" to 6"

*Berberis atropurpureum* 'Crimson Pigmy'

*Azalea Gumpo*

(b) Measurement - Medium grower

Use 3" intervals up to 24"

Examples: 6" to 9"

*Azalea mollis*

*Prunus laurocerasus* 'zabeliana'

(c) Measurement - Fast grower

Use 6" intervals up to 24"

Examples: 6" to 12"

*Betula alba*

*Forsythia*

*Cytisus* 'Burkwoodi'

(d) Measurement - B. R. Vines

(i) Fast growing

Heavy. Shall have heavy well branched tops with not less than 3 runners 18" and up and vigorous well developed root system.

Light. Shall be a lighter grade than No. 1 without serious defects, 3 runners 12" and up and a root system commensurate with the top.

Examples: *Lonicera japonica*

*Wisteria*

(ii) Medium growing

Heavy. Shall have a heavy well branched top and vigorous well developed root system.

Light. Shall be a lighter grade than the above without serious defects, top not as well branched. However, root system must be in proportion to the top.

Examples: *Campsis radicans* (*Bignonia*)

(iii) Special vines may be designated by age, heavy or light, length of runners, grafted, container size or other characteristics.

(2) Special Conditions.

(a) Caliper shall be adequate to support the above the ground portion of the plant in an upright position. Caliper and/or root length may be specified if desired.

Example: for grafting stock  
3/16" - minimum root length 10"

(b) Caliper measurement when required is taken at the root collar or ground line except on grafted stock.

(c) Height measurement is from the ground level except on grafted stock.

NEW

WAC 16-429-070 CONDITION OF ROOT SYSTEM. B. R., B & B and container grown.

(1) B & B ball shall be solidly held together by the branched root system of the plant in natural position and shall be composed only of the medium in which the plant has actually been growing. The ball shall be securely wrapped with burlap or other packing material not injurious to plant life.

(2) Container grown nursery stock shall be established in the container with branched root system to the extremity of the container (side walls) and shall be grown in a suitable medium.

(3) Plants in pots or other container of adequate size for the size of the plant, and which have been acclimated to outside conditions, should be equal to and acceptable for field grown stock.

(4) Ball sizes should always be of a diameter and depth to encompass enough fibrous and feeding root system necessary for the full recovery characteristic of the plant named.

(5) B. P. - Balled and Potted, are plants dug from the field placed in pots in lieu of B & B.

(6) B. R. - Bare Rooted.

(7) B & B - Balled and Burlapped.

NEW

WAC 16-429-080 DEFINITION OF TERMS.

(1) "Deciduous plants" means plants which lose their leaves at the end of the growing season.

(2) "Young plants" means too small (young) to be graded in ornamental deciduous or ornamental evergreen orders.

(3) "Height" means the height taken from the ground line to the highest contour point on the main axis and not to the tip of the shoot.

(4) "Spread" of all types shall be figured as the average diameter including only to contour of the side and not the widest shoots.

(5) "Injury" means any specific defect caused by freezing, heat, drought, dryness, shipping, mechanical, or chemical that causes more than temporary injury to the plant.

(6) "Damage" means any specific defect caused by freezing, heat, drought, dryness, shipping, mechanical, or chemical, which will permanently affect the appearance or growing quality of the individual plant.

- (7) "Vigorous" means showing evidence of well developed active growth.
- (8) "Well formed" means that plants shall conform to one of the types typical of the species or variety marked.
- (9) "Fairly well formed" means that the plants shall reasonably well conform to the types typical of the species or variety marked.
- (10) "Well foliated" means that the foliage is evenly distributed and well filled for the type typical of the species or variety.
- (11) "Fairly well foliated" means that the foliage is reasonably evenly distributed and reasonably well filled for the type typical of the species or variety.
- (12) "Good color" means the typical foliage and bark coloration of a healthy plant for the area where grown.
- (13) "Dryness" means the drying out of the plant or roots.
- (14) A "stem" is a major structural portion of a plant originating in the lower one third of the plant.
- (15) "Container" means a rigid self supporting unit used to grow or hold plant material.
- (16) "c" means cutting.
- (17) "Div." means division.
- (18) "G" means grafted.
- (19) "R. P." means root pruned.
- (20) "S" means seedling.
- (21) "T" means transplanted. Use one "T" for each time transplanted.
- (22) "2-0" means seedling 2 yrs old and not transplanted.
- (23) "2-1" means seedling 2 yrs old and once transplanted.
- (24) "Growing season" means the normal time a plant has active top growth under normal outside weather conditions during the spring, summer and fall.

A second growing season within a calendar year is obtainable by artificial climate control such as a greenhouse and would be acceptable providing the plants are acclimated to normal outside weather conditions benefitting the planting season.

Additional definitions of terms used in this order will be found in "A Technical Glossary of Horticultural and Landscape Terminology", Library of Congress card catalog number 78-165521.

NEW WAC 16-429-090 MEASUREMENT OF TYPES.

- (1) Type 1. No Stems.  
Measurement designates spread or age.  
Example: *Sagina subulata*, sedums, *ajuga reptans*,  
*Festuca ovina glauca*, thymus.
- (2) Type 2. Single Stem.
- (a) Spreading.  
Measurement designates spread, height not considered.  
Examples: *Ceanothus gloriosus*, *Cotoneaster dammeri*,  
*Erica carnea*, *Juniperus horizontalis*  
'*Wiltenii*', *Mahonia nervosa*.
- (b) Semi-spreading.  
Measurement by spread at least twice height.  
Examples: *Juniperus chinensis* '*pfitzeriana*', *Ilex*  
*crenata* '*Helleri*'
- (c) Globe.  
Measurement spread equal to height.

Examples: Berberis thunbergi 'Crimson Pigmy', Deutzia gracilis, Thuja oc. 'Little Gem'

(d) Medium upright.

Measurement designates height. Height spread ratio of 2 to 1.

Example: Ilex crenata 'Rotundifolia', Pieris japonica, Rhododendron obtusum 'Hinodegiri'.

(e) Upright.

Measurement designates height or age.

Examples: Myrica californica, Mahonia aquifolium, Acer palmatum, Pseudotsuga menzeisii, Betula papyrifera.

(3) Type 3. Stoloniferous.

Measurement fullness or number of stolons.

Examples: Pachysandra terminalis, Gaultheria procumbens, Vinca minor.

(4) Type 4. Vining.

Measurement designates break lengths or numbers, age.

Example: Hedera helix

NEW

WAC 16-429-100 EFFECTIVE DATE. This order shall take effect on and after July 26, 1973.

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



Stewart Bledsoe  
Director of Agriculture  
State of Washington

Signed at Olympia, Washington

Date June 26, 1973