

TRANSMITTAL OF RULES ADOPTED

FROM: AGRICULTURE
(Name of Agency)

TO: CODE REVISER
LEGISLATIVE BLDG. (Southwest Corner, Ground Floor)
OLYMPIA 98504

The enclosed rules Permanent rules , being Order No. 1451 - 1468
Emergency rules

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

Seed certification standards for various seed varieties; interagency certification; phyto-sanitary certificates; fees; and annual bluegrass quarantine.

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

pursuant to Notice No. 5826 ^① filed with the code reviser on 4/5/76 ^② were regularly adopted as permanent rules of this agency at Olympia on 5/12/76 and are herewith filed in the office of the code reviser pursuant to chapter 34.04 RCW. The effective date of such rules shall be 6/11/76. ^③

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

pursuant to its finding in the attached administrative order, 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 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 have been fulfilled.

Dated this twelfth day of May 19 76

STATE OF WASHINGTON
FILED
MAY 13 1976
CODE REVISER'S OFFICE
DOCKET 937 FILE # 28

Agriculture
(AGENCY)
Stewart Blakeslee
By _____
Director
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.
[Order 9, filed 9/25/74, eff. 10/25/74] [Form CR-2: Rev. 9/21/74]

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1451
(Supersedes Order 1111 & 1419)
Effective June 11, 1976

NEW

WAC 16-316-0046 PROMULGATION. (This promulgation relates to Orders 1111 and 1419, WAC 16-316-035 through WAC 16-316-060).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations relating to the standards for bentgrass seed certification.

NEW

WAC 16-316-035 BENTGRASS CERTIFICATION STANDARDS. (1) The general seed certification standards are basic and together with the list of varieties eligible and the following specific regulations constitute the standards for bentgrass seed certification.

NEW

WAC 16-316-040 CERTIFICATION FEES. (1) Seedling Applications: Due within sixty days after planting, however, may be accepted after due date at the discretion of the certifying agency.

- (a) Seedling application fee:
Per variety, per grower..... \$10.00
- (b) Late seedling penalty fee:..... \$10.00

This additional fee shall be charged for each seedling application received more than sixty days after planting.

(2) Renewal Applications: Due May 1, however, may be accepted after due date at the discretion of the certifying agency.

- (a) Renewal application fee:
Per variety, per grower..... \$10.00
- (b) Late renewal penalty fee:..... \$10.00

This additional fee shall be charged per grower for renewal applications received after May 1.

- (3) Reinspection: (each field)..... \$10.00

If a field is rejected for certification, the grower may apply for reinspection after the cause for rejection is corrected.

Only two reinspections are permitted for each field each year.

- (4) Sampling fee: (per 100 lbs.)..... \$ 0.25
- Production fee - includes tagging: (per 100 lbs) \$ 0.25

The sampling and production fees are billed at completion of tests. If none of the seed is tagged, 10¢ of the 25¢ cwt. production fee charged is refundable.

(5) Purity & Germination test:.....Fees as established by the director of agriculture.

(6) Fees for resampling, retagging, or services not listed in this order shall be the most applicable fee established by the director of agriculture.

(7) Fees for reissue of tags shall be \$ 0.05 a tag with minimum fee of \$5.00.

NEW

WAC 16-316-045 LAND REQUIREMENTS. (1) A field to be eligible for production of foundation seed shall not have grown

or have been seeded to bentgrass during the previous five years, and for the production of registered or certified seed shall not have grown or have been seeded to bentgrass during the previous year unless the previous crop was of the same variety or strain and certified.

(2) Reseeding of a field because of failure or partial failure of the first seeding may be done with permission of the seed branch.

NEW

WAC 16-316-050 ISOLATION REQUIREMENTS. (1) A seed field to be eligible for the production of foundation, registered, or certified seed must be isolated from any other variety or strain of the same species in accordance with the requirements in the following table:

| Class of seed produced | Isolation requirements* | |
|------------------------|-------------------------|-------------------|
| | Less than 5 acres | More than 5 acres |
| Foundation | 1320 feet | 900 feet |
| Registered | 600 feet | 300 feet |
| Certified | 300 feet | 165 feet |

*This distance must be maintained between all other varieties or fields of the same variety not meeting varietal purity requirements for certification.

(2) Isolation between different classes (generations) of the same variety shall be as follows:

| Class being produced | Distance required from fields planted with: | Fields less than 5 acres | Fields more than 5 acres |
|----------------------|---|--------------------------|--------------------------|
| Foundation | Foundation or Registered | 330 feet | 225 feet |
| Registered | Registered or Certified | 165 feet | 75 feet |
| *Certified | Certified | 75 feet | 45 feet |

*Applicable only to varieties certified on generation basis.

(3) A strip at least five feet in width and which is mowed, uncropped or planted to some crop other than the kind in question shall constitute a field boundary.

NEW

WAC 16-316-055 FIELD TOLERANCES SHALL BE AS FOLLOWS: (1) Maximum other varieties permitted in fields producing:

Foundation: 0% Registered: 0% Certified: 0%

(2) A trace of redtop is permitted in certified blue tag bentgrass fields.

(3) Prohibited noxious weeds must be controlled to prevent seed formation.

NEW

WAC 16-316-060 SEED STANDARDS SHALL BE AS FOLLOWS:

| Specific Seed Standards | Foundation | Registered | Certified |
|---------------------------|------------|------------|-----------|
| Pure Seed** (Minimum) | 98.00% | 98.00% | 98.00% |
| Other Crop Seed (Maximum) | .20% | .20% | .60% |
| Inert Matter (Maximum) | 2.00% | 2.00% | 2.00% |
| Weed Seed (Maximum) | .30% | .30% | .40%* |

Germination
(Minimum)

85.00%

85.00%

85.00%

(a) Blue tag bentgrass shall not contain over 900 seeds per pound, singly or collectively, of the following weeds: Plantain spp., Big Mouse-ear Chickweed, Yarrow, Spotted Cat's Ear, and Dandelion.

(b) Bentgrass seed must not contain more than 90 per pound for blue tag, singly or collectively of objectionable weeds (see general rules). Bentgrass seed must be free of the seed of weeds listed as prohibited noxious.

* A maximum of .50% weed seed will be allowed in bentgrass containing silver hairgrass providing the total of all other weed seed does not exceed .40%.

** 1.50% other fine bentgrasses and .50% redtop will be allowed in certified bentgrass containing a minimum of 98.00% total bentgrass.

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

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/12/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1452
(Supersedes Orders 1181 & 1249)
Effective June 11, 1976

NEW WAC 16-316-0064 PROMULGATION. (This promulgation relates to Order 1181 and Order 1249, WAC 16-316-100 through WAC 16-316-215).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations relating to general seed certification standards.

NEW WAC 16-316-100 GENERAL SEED CERTIFICATION STANDARDS. The purpose of seed certification is to maintain and make available sources of high quality seeds and propagating material of plant varieties so grown and distributed as to insure genetic identity and genetic purity. The word seed or seeds as used in these standards shall be understood to include all propagating materials.

NEW WAC 16-316-105 BY WHOM CERTIFIED. (1) Seed Certification in the state of Washington is conducted by the Washington State Department of Agriculture in cooperation with the Washington State Crop Improvement Association, Inc.; Institute of Agricultural Sciences, Washington State University; and Association of Official Seed Certifying Agencies.

(2) Designation of the Washington State Crop Improvement Association, Inc. to assist in the certification of certain agricultural seeds was initiated in 1953. A revised memorandum of agreement between the Washington State Department of Agriculture and the Washington State Crop Improvement Association, Inc. designates the Washington State Crop Improvement Association, Inc., to act as the director's duly authorized agent for the purpose of certifying seed of field peas, lentils, soybeans, small grain, sorghum and forest trees.

(3) Certification of seeds other than field peas, lentils, soybeans, small grain, sorghum and forest trees shall be conducted by the Seed Branch, State Department of Agriculture, Yakima.

NEW WAC 16-316-110 VARIETIES ELIGIBLE. (1) Only those varieties that are accepted by the certifying agency as meriting certification, in accordance with the criteria listed below, shall be eligible for certification. For those crops where National Variety Review Boards exist, it is required that

varieties be submitted to appropriate board to determine their merit for certification.

(2) Acceptance of a variety for certification shall be based on the following:

(a) A statement and supporting evidence by the originator, developer, or owner requesting certification that the variety has been adequately tested to determine its value and probable area of adaptation, and that it merits certification, and that it is distinguishable from other varieties as set forth in Article 5, International Code of Nomenclature for Cultivated Plants, which reads as follows: "The term cultivar (variety) denotes an assemblage of cultivated individuals which are distinguished by any characters (morphological, physiological, cytological, chemical or others) significant for the purposes of agriculture, forestry, or horticulture, and which, when reproduced (sexually or asexually) retain their distinguishing features."

(b) A statement on origin and breeding procedure.

(c) A description of the morphological characteristics, (such as color, height, uniformity, leaf, head or flower characteristics, etc.) physiological characteristics, disease and insect reactions, and any other identifying characteristics of value to field inspectors and such other pertinent factors as the breeder or sponsor considers relevant.

(d) Evidence of performance, including data on yield, insect or disease resistance and other factors supporting the value of the variety. These performance tests may be conducted by private seed firms or Agricultural Experiment Stations, and shall include appropriate check varieties which are used extensively in the area of intended usage.

(e) A statement giving suggested region of probable adaptation and purposes for which the variety will be used. This shall include where the breeder of the variety has tested it and anticipates recommending and merchandising.

(f) Procedure for maintenance of stock seed classes shall be described. At the time a variety is accepted for certification, a sample lot of breeder seed shall be presented to the certifying agency. This is to be retained as a control varietal sample against which all future seed stock released for certified seed production may be tested to establish continued trueness of variety.

NEW

WAC 16-316-115 LIMITATION OF GENERATIONS. (1) Except as

provided elsewhere in this section, the number of generations through which a variety may be multiplied shall be limited to that specified by the originating breeder or owner of a variety.

(2) The following exceptions to the above limitations of generations are permitted:

(a) Unlimited recertification of the certified class may be permitted for older crop varieties where foundation seed is not being maintained.

(b) The production of an additional generation of the certified class may be permitted on a one-year basis when:

(i) An emergency is declared prior to the planting season by the certifying agency stating that foundation and registered seed supplies in the United States are not adequate to plant the needed acreage of the variety.

(ii) Permission of the originating breeder and/or owner

of the variety is obtained (if applicable).

(iii) The additional generation of certified seed produced to meet the emergency need is declared to be ineligible for certification.

NEW WAC 16-316-120 SEED CLASSES. (1) Four classes of seed shall be recognized in seed certification, namely: breeder, foundation, registered, and certified.

(2) Breeder seed is seed or vegetative propagating material directly controlled by the originating, or in certain cases, the sponsoring plant breeder, institution, or firm. Breeder seed supplies the source for the initial and recurring increase of foundation seed.

(3) Foundation seed (identified by white tags) shall be first-generation seed increased from breeder seed or its equivalent. Production must be carefully supervised and approved by the certifying agency and/or the agricultural experiment station. Increase may be vegetative or seed.

(4) Registered seed (identified by purple tags) shall be the progeny of foundation seed that is so handled as to maintain satisfactory genetic identity and purity and that has been approved and certified by the certifying agency.

(5) Certified seed (identified by blue tags) shall be the progeny of foundation, registered or certified seed that is so handled as to maintain satisfactory genetic identity and purity and that has been approved and certified by the certifying agency.

NEW WAC 16-316-125 LABELS AND SEALING REQUIREMENTS. (1) The certification tag or label attached to the container is evidence of the genetic identity and purity of the contents. Certification tags, labels, and seals must be obtained from the certifying agency and must be attached to seed containers under the supervision of the certifying agency.

(2) Certification is valid only if the tag or label is affixed to each container in a manner approved by the certifying agency.

(3) Tags or labels shall not be removed and reused without permission of the certifying agency.

(4) Certified seed sale certificates or proper invoices may be used in lieu of tags or labels with the approval of the certifying agency.

NEW WAC 16-316-130 AGENCY DEVIATION FROM CERTIFICATION STANDARDS. Seed that fails to meet certification requirements because of genetic purity is not eligible for tagging. At the discretion of the certifying agency, seed that fails to meet certification requirements on factors other than genetic purity may be designated substandard. The certification tag or label attached to such seed shall clearly show the respects in which the seed is substandard.

NEW WAC 16-316-135 AGENCY POWER TO REJECT. The certifying agency shall have authority to reject from certification any lot of seed not meeting these regulations.

NEW WAC 16-316-140 REJECTION FOR COLOR OR APPEARANCE. The certifying agency reserves the right to refuse certification on any lot of seed if, in the opinion of the certifying agency, the color, appearance, or condition of the seed might be detrimental to the certification program.

NEW WAC 16-316-145 AGENCY POWER TO REFUSE CERTIFICATION. The certifying agency shall have the authority to refuse certification if the labeling of containers is misleading or may tend to be confusing as to its contents.

NEW WAC 16-316-150 SPECIFIC CROP REGULATIONS. Crops approved for certification for which rules are not in effect may be certified under the latest Minimum Rules for Seed Certification published by the Association of Official Seed Certifying Agencies. Fees for such certification shall be the most applicable fees in effect.

NEW WAC 16-316-151 LAND HISTORY. (See specific crop Rules) Requirements may be modified upon approval of the Seed Certification Agency when a cultural practice has proven to be successful. Cultural practice may include mechanical means such as deep plowing and/or chemical means such as fumigants or other material for seed bed preparation. Materials and methods must be a matter of record. Whichever method used, it must be approved and adequate to insure varietal purity. To distinguish between any possible volunteer, the crop seeded must be planted in distinct rows but may vary in drill spacings. Plants outside the defined row may be construed as volunteers.

NEW WAC 16-316-155 PENALTY. (1) Persons found guilty of violation or misuse or abuse of these regulations shall be subject to prosecution under the Washington State Seed Act.
(2) Proof of violation may result in removal of privileges of certifying, dealing in or handling certified seeds for at least one year.

NEW WAC 16-316-160 PROHIBITED NOXIOUS WEEDS. The following weeds shall be considered prohibited noxious weeds for the purpose of seed certification:

| <u>English or Common Name</u> | <u>Botanical or Scientific Name</u> |
|--|---|
| Austrian fieldcress | Rorippa austriaca (Crantz) Bess. |
| Field bindweed | Convolvulus arvensis L. |
| Hedge bindweed | Convolvulus sepium L. |
| Camelthorn | Alhagi camelorum Fisch. |
| Canada thistle | Cirsium arvanse (L.) Scop. |
| Dodder | Cuscuta spp. |
| Hairy whitetop | Cardaria pubescens (C.A. Mey.) |
| Hoary cress | Cardaria draba (L.) Desv. |
| Leafy spurge | Euphorbia esula L. |
| Pacific meadow-foxtail | Alopecurus myosuroides Huds. Fl. Angl. |
| Perennial pepperweed | Lepidium latifolium L. |
| Perennial sowthistle | Sonchus arvensis L. |
| Quackgrass | Agropyron repens (L.) Beauv. |
| Russian knapweed | Centaurea repens L. |
| Silverleaf nightshade | Solanum elaeagnifolium Cav. |
| Sorghum perennial such as, but not limited to, johnsongrass, sorghum almum, and perennial sweet sudangrass | Sorghum spp. |
| Tansy ragwort | Senecio jacobaea L. |
| Yellow-flowering skeleton weed | Chondrilla juncea L. |

NEW WAC 16-316-165 OBJECTIONABLE WEEDS. The following weeds shall be considered objectionable weeds for the purpose of seed certification:

| <u>English or Common Name</u> | <u>Botanical or Scientific Name</u> |
|-------------------------------|--|
| Bermudagrass | Cynodon dactylon (L.) Pers. |
| Blue lettuce | Lactuca pulchella (Pursh) DC. |
| Docks and Sorrel | Rumex spp. |
| Field pennycress (fanweed) | Thlaspi arvense |
| Field sandbur | Cenchrus pauciflorus Benth. |
| Halogeton | Halogeton glomeratus (M. Biev.) C.W. Mey. |
| Diffuse knapweed | Centaurea diffusa Lam. |
| Spotted knapweed | Centaurea maculosa Lam. |
| Medusahead | Elymus caput-medusae L. or Taeniatherum asperum (Sim) Nevski |
| Plantains | Plantago spp. |
| Poverty weed | Iva axillaris Pursh. |
| Puncturevine | Tribulus terrestris L. |
| St. Johnswort | Hypericum perforatum L. |
| Dalmation toadflax | Linaria dalmatica (L.) Mill. |
| Yellow toadflax | Linaria vulgaris Hill. |
| Western ragweed | Ambrosia psilostachya DC. |
| Wild mustard | Brassica kaber (DC.) L.C. Wheeler Var. |
| Wild oat | Avena fatua L. |
| Yellow starthistle | Centaurea solstitialis L. |
| Goatgrass (in small grain) | Aegilops cylindrica |
| Gromwell (in small grain) | Lithospermum arvense |
| Rye (in other small grain) | Secale cereale |

NEW WAC 16-316-170 PROCEDURE TO FOLLOW FOR CERTIFICATION.

(1) Persons who wish to participate in this program must submit applications for seed certification with required fees in accordance with the requirements of these regulations and specific rules for each crop. The responsibility for payment of all fees rests with the applicant. (Applications are available from certified seed processors or the Seed Branch office in Yakima)

(2) Seedling applications (applications for new planting of alfalfa, clover and grasses) are to be submitted as follows:

(a) Separate applications must be submitted for each crop and variety.

(b) Applications are due with required application fee within sixty days after planting. Late applications (those received more than sixty days after planting) may be accepted at the discretion of the certifying agency and are assessed a late seedling application fee.

(c) Attach official tags/labels and/or other verification from seed stock planted.

(d) Additional fees are not required when it is necessary for a grower to reseed due to failure to get a stand. The grower shall advise the certifying agency the date of reseeding, and submit proof of seed stock used to reseed. Reseeding must be done within one year of original planting date.

(3) Annual crops (beans, peas, grain): An application must be submitted each year a grower plans to produce seed for certification.

(a) A separate application is required for each crop and variety.

(b) Attach official tags/labels and/or other verification from seed stock planted.

(4) Perennial crops (alfalfa, clover, grass): After a stand is established, a renewal application shall be submitted each year that a grower plans to produce seed for certification.

(5) Refer to certification regulations for the specific crop you plan to certify.

(6) Washington State University, its official agents and U.S.D.A. Plant Material Center may be exempt from paying fees on seed stock.

NEW WAC 16-316-175 ALL GROWERS IN THE CERTIFICATION PROGRAM SHALL: (1) Show that reasonable precaution has been taken to control contaminating crops and varieties, noxious weeds, and seedborne diseases.

(2) Exercise precaution to prevent crop and lot mixture when harvesting.

(3) Identify his crop with the assigned field number of numbers as it is delivered to the processor.

(4) Have his seed cleaned at a seed processor which has been approved by the Seed Branch, Department of Agriculture.

NEW WAC 16-316-180 FIELD INSPECTIONS. (1) Field inspections shall be made as follows:

(a) A seedling field shall be inspected at the most appropriate time after receipt of seedling application. The inspection will be repeated prior to harvest in case the field produces seed the same season.

(b) Field inspections shall be made each year that a crop of certified seed is to be produced when factors affecting certification are most evident.

(c) A field will not be eligible for certification unless a field inspection has been made prior to defoliation or harvesting.

(d) The unit of certification will be the entire field standing at the time of inspection. A portion of a field may be certified if the area to be certified is clearly defined.

(e) A field producing foundation or registered seed that warrants a rejection because of noxious weeds may be reclassified to certified blue tag class if upon reinspection these fields meet certified blue tag standards.

(f) Excessive objectionable weeds may be cause for rejection of a field. Excessive weeds, poor stands, lack of vigor, or other conditions which make inspection inaccurate may also be cause for rejection.

(g) If a field is rejected, the grower may apply for reinspection after the cause for rejection has been corrected. No more than two reinspections will be granted each field. (See specific crop rules for reinspection fee).

NEW WAC 16-316-185 THE SEED PROCESSOR SHALL: (1) Notify the Seed Branch, State Department of Agriculture, of their intent to process seed for certification.

(2) Request the Seed Branch to inspect its plant to determine if they can be approved to process seed for certification. Upon approval its name shall be added to the list of approved processing plants.

(3) Handle all seed for certification in a manner so as to prevent mixture of lots, clearly identifying each lot with a lot number.

(4) Show evidence of clean maintenance. Installations shall be easily accessible for cleaning and inspection and all equipment must be thoroughly cleaned between lots.

(5) Obtain approval from the certifying agency for handling seed for certification in bulk.

(6) Dispose of screenings in compliance with the Washington State Seed Act.

(7) Obtain approval from the certifying agency to ship seed for certification out-of-state for processing.

(8) Have his permit to process seed for certification rescinded should a subsequent inspection reveal that the processing of seed for certification is not being handled in the manner prescribed when the approval was granted and the operator fails to take corrective measures. The name of the establishment will then be removed from the list of approved processors, and the growers of seed for certification notified of the same.

NEW WAC 16-316-190 CONTAINERS AND LOT NUMBERS. (1) When harvesting, use clean equipment and take all precautions to prevent mixture. The field number must be on all containers or bulk delivery documents to insure identity when delivered to processor.

NEW WAC 16-316-195 SAMPLING. A representative sample of each lot of seed for certification shall be obtained by the certifying agency for laboratory analysis. The sample shall be obtained in accordance with official sampling procedures or with mechanical sampling device approved by the certifying agency. The entire lot must be cleaned and in condition for sale at the time of sampling.

NEW WAC 16-316-205 WITHDRAWAL FROM CERTIFICATION. The applicant may withdraw a field from field inspection by notifying the certifying agency before the field is inspected.

NEW WAC 16-316-210 COMPLETION OF CERTIFICATION. All seed carrying official tags (and seals, when required) must have met seed certification standards before distribution.

NEW WAC 16-316-212 REFUNDS. Request for refund of refundable fees must be submitted by June 30 of the year following harvest.

REP WAC 16-316-200 and chapter 16-308 are by this order repealed.

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

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/12/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1453
(Supersedes Order 1182, 1359 & 1409)
Effective June 11, 1976

NEW WAC 16-316-0047 PROMULGATION. (This promulgation relates to Orders 1182, 1359 and 1409, WAC 16-316-220 through WAC 16-316-250).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations relating to standards for alfalfa seed certification.

NEW WAC 16-316-220 ALFALFA SEED CERTIFICATION STANDARDS. The general seed certification standards are basic and together with the list of varieties eligible and the following specific regulations constitute the standards for alfalfa seed certification.

NEW WAC 16-316-230 CERTIFICATION FEES. (1) Seedling Applications: Due within sixty days after planting, however, may be accepted after due date at the discretion of the certifying agency.

- (a) Seedling application fee:
Per variety, per grower..... \$10.00
- (b) Late seedling penalty fee:..... \$10.00

This additional fee shall be charged for each seedling application received more than sixty days after planting.

(c) Seedling acreage fee: (per acre)..... \$ 0.50
(Refundable if acreage is withdrawn before inspection). Required of seedling fields to be harvested for certification the year of planting. Notification of seedling field to be harvested for certification and required fees are due July 31, however, may be accepted after due date with \$10.00 late penalty fee at the discretion of the certifying agency.

(2) Renewal Applications: Due June 15, however, may be accepted after due date at the discretion of the certifying agency.

- (a) Renewal application fee:
Per variety, per grower..... \$10.00
- (b) Renewal acreage fee: (per acre)..... \$ 0.50

(Refundable if acreage is withdrawn before inspection).

- (c) Late renewal penalty fee:..... \$10.00

This additional fee shall be charged for each renewal application received after June 15.

- (3) Reinspection: (each field)..... \$10.00

If a field is rejected for certification, the grower may apply for reinspection after the cause for rejection has been corrected. Only two reinspections are permitted for each field each year.

- (4) Sampling fee: (per 100 lbs.)..... \$ 0.15
- Production fee - includes tagging: (per 100 lbs) \$ 0.15

The sampling and production fees are billed at completion of tests. If none of the seed is tagged, 10¢ of the 15¢ cwt. production fee charged is refundable.

(5) Purity & Germination test:.....Fees as established by the director of agriculture.

- (6) Fees for resampling, retagging, or services not listed

in this order shall be the most applicable fee established by the director of agriculture.

(7) Fees for reissue of tags shall be \$ 0.05 a tag with a minimum fee of \$5.00.

NEW

WAC 16-316-235 LAND REQUIREMENTS. (1) A field to be planted with breeder seed for the production of foundation seed, or with foundation seed for the production of registered seed, must not have grown or have been seeded to alfalfa during the preceding four years.

(2) A field to be planted with foundation or registered seed for the production of certified seed must not have grown or have been seeded to alfalfa during the preceding two years: Except the time interval may be reduced to one year if the new planting is of the same variety or class.

(3) Reseeding of a field due to failure or partial failure of the first seeding may be done with permission of the certifying agency.

(4) Ditchbanks, roadways, etc. adjacent to a certified field must be free of volunteer alfalfa and prohibited noxious weeds.

(5) Volunteer alfalfa plants in the field may be cause for rejection or reclassification of a seed field.

(6) No manure or other contaminating materials shall be applied during the establishment and production period of the stand.

NEW

WAC 16-316-240 ISOLATION REQUIREMENTS. (1) Alfalfa for certification shall be isolated from all other alfalfa varieties or fields of the same alfalfa variety not meeting varietal purity requirements for certification as follows:

| Class Being Produced | Fields less than five acres | Fields five acres or more |
|----------------------|-----------------------------|---------------------------|
| Foundation | 900 feet | 600 feet |
| Registered | 450 feet | 300 feet |
| Certified | 165 feet | 165 feet |

(2) Isolation between different classes (generations) of the same variety shall be as follows:

| Class Being Produced | Distance Required from Fields Planted with: | Fields less than 5 acres | Fields 5 acres or more |
|----------------------|---|--------------------------|------------------------|
| Foundation | Foundation or Registered | 225 feet | 150 feet |
| Registered | Registered or Certified | 115 feet | 75 feet |
| Certified | Certified | 75 feet | 45 feet |

(3) In cases where an adjoining field is planted with a different variety of alfalfa, or alfalfa of a lower class, isolation may be obtained by measuring off the required strip in the certified field. This isolation strip may be mowed for hay or it may be harvested for uncertified seed under the following conditions:

(a) The grower must apply for certification of the entire field and clearly stake off the isolation strip. The entire field must pass all certification requirements, except for isolation at time of inspection. The field report will show re-

jection due to lack of isolation.

(b) The grower may harvest either the certified portion of the field, or the uncertified isolation strip first and deliver this portion to the processing plant. After this seed is weighed and lotted in, the grower will request a reinspection of the uncut portion. After reinspection, if everything is in order, the field will be passed and the remainder of the field can then be harvested.

NEW WAC 16-316-245 FIELD TOLERANCES SHALL BE AS FOLLOWS:

| | Field Producing* | | |
|-----------------|------------------|---------------|----------------|
| | Foundation | Registered | Certified |
| Other varieties | 0.20% | 0.5% | 1.0% |
| Sweet clover | none | 5 plants/acre | 20 plants/acre |
| Red clover | none | 5 plants/acre | 20 plants/acre |

*Prohibited noxious weeds must be controlled to prevent seed formation.

NEW WAC 16-316-250 SEED STANDARDS SHALL BE AS FOLLOWS: (1)

| Purity | | Blue Tag | | |
|--|--------|------------|------------|------------|
| | | Foundation | Registered | Certified |
| Pure seed | (Min.) | 99.00% | 99.00% | 99.00% |
| Other crops | (Max.) | .10% | .10% | .25% |
| Sweet clover | (Max.) | none | none | 90 per lb. |
| Inert matter | (Max.) | 1.00% | 1.00% | 1.00% |
| Weed seed | (Max.) | .10% | .20% | .25% |
| Objectionable weed seeds: | | | | |
| Maximum Total | | none | none | 18 per lb. |
| ----- | | | | |
| <u>Germination</u> | | | | |
| (Min. total germination and hard seed) | | 80.00% | 80.00% | 80.00% |

(2) Alfalfa seed must be free of prohibited noxious weed seeds.

(3) Foundation or registered seed that has been rejected in the laboratory for prohibited noxious weed seeds may be reclassified to the certified blue tag class but shall not be eligible for seed stock even though it is recleaned and meets certification standards.

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

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/24/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1454
(Supersedes Order 1183, 1360 & 1411)
Effective June 11, 1976

NEW

WAC 16-316-0048 PROMULGATION. (This promulgation relates or Orders 1183, 1360 and 1411, WAC 16-316-260 through WAC 16-316-290).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations relating to the standards for bean seed certification.

NEW

WAC 16-316-260 BEAN SEED CERTIFICATION STANDARDS. The general seed certification standards are basic and together with the list of varieties eligible and the following specific regulations, constitute the standards for certification of bean seed.

NEW

WAC 16-316-270 CERTIFICATION FEES. (1) Applications: Due July 1, however, may be accepted after due date at the discretion of the certifying agency.

(a) Application fee:
Per variety, per grower..... \$10.00

(b) Acreage fee:
(i) Two Inspections: (per acre)..... \$ 1.00

For certification of Great Northern, Red Mexican, Pinto and Pink Beans.

(ii) Three Inspections: (per acre)..... \$ 1.50
Includes windrow inspection which is required for: Certification of Snap Beans, Small White Beans and Kidney Beans; Phyto-Sanitary Certificates; Eligibility for shipment into Idaho.

(iii) Acreage fee is refundable if acreage is withdrawn before inspection. Fifty cents of the \$1.50 acreage fee for three inspections is refundable if the third inspection is not made.

(c) Late application penalty fee:..... \$10.00
This additional fee shall be charged per grower for applications received after July 1.

(2) Reinspection: (each field)..... \$10.00
If a field is rejected for reasons other than bacterial diseases at the first or second inspection, the grower may apply for reinspection after the cause for rejection has been corrected. Only two reinspections are permitted for each field each year.

(3) Sampling Fee: (per 100 lbs.)..... \$ 0.03

(a) Minimum Fee:..... \$10.00
Production fee - includes tagging: (per 100 lbs)\$ 0.15

The sampling and production fees are billed at completion of tests unless other arrangements are made. If none of the seed is tagged, 10¢ of the 15¢ cwt. production fee charged is refundable.

(4) Purity & Germination tests:.....Fees as established by the director of agriculture.

(5) Fees for resampling, retagging or services not listed in this order shall be the most applicable fee established by the director of agriculture.

NEW

WAC 16-316-275 LAND REQUIREMENTS. (1) A field to be eligible for the production of certified seed must not have been planted to beans of the same variety and strain the preceding three years, unless the previous crops were under certification and free of bacterial blight.

(2) A field will not be eligible for production of certified seed for more than two consecutive years.

NEW

WAC 16-316-280 FIELD TOLERANCES SHALL BE AS FOLLOWS: (1)

| | Field Producing | | |
|------------------------------------|-----------------|------------|-----------|
| | Foundation | Registered | Certified |
| Other varieties or off-type plants | none | 0.1% | 0.2% |
| Other crops | none | 0.1% | 0.1% |
| Total seed-borne diseases | none | 0.5% | 1.5% |
| Bacterial bean blights and wilt | none | none | none |
| Anthraxnose | none | none | none |
| Mosaic seed-borne | none | 0.5% | 0.5% |

(2) Snap beans, small white, and kidney beans grown under sprinkler irrigation will not be eligible for certification.

(3) Fields must be rogued of weeds, off-type plants, volunteer plants, and plants showing symptoms of seed-borne diseases. Excessive night-shade shall be a cause for rejection.

(4) A field to be eligible for certification must have clean, cultivated boundaries at least ten feet wide.

(5) Excessive weeds, poor stands, lack of vigor, or any other condition which is apt to make inspection inaccurate may be cause for rejection of the field.

NEW

WAC 16-316-285 INSPECTION REQUIREMENTS SHALL BE AS FOLLOWS: (1) When the plants are at the 3rd leaf stage and when plants are full grown. The third inspection, when required, shall be a windrow inspection.

(2) A greenhouse test may be required if the certifying agency deems it necessary.

(3) The combined results of field inspections, laboratory test, and greenhouse test, when required, will determine final certification.

NEW

WAC 16-316-290 SEED STANDARDS SHALL BE AS FOLLOWS: (1)

| Purity | | Blue Tag | | |
|-------------------------|--------|------------|------------|------------|
| | | Foundation | Registered | Certified |
| Pure seed | (Min.) | 98% | 98% | 98% |
| Other crops & varieties | (Max.) | none | none | 2/100 lbs. |
| Badly damaged | (Max.) | | 2% | 2% |
| Inert matter | (Max.) | | 2% | 2% |
| Splits & cracks | (Max.) | | 2% | 2% |
| Weed seed | (Max.) | | none | none |
| ----- | | | | |
| Germination | | | | |
| (minimum) | | | 85% | 85% |

(2) Total inert matter, splits and cracks, and badly damaged shall not exceed 2% except for foundation seed.

(3) Test reports will show percent of discolored beans for information only.

(4) Rough handling of bean seed in the combine or cleaning plant reduces germination materially. Precautions must be taken against such treatment and the seed safeguarded against high drops.

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

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/12/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1455
(Supersedes Order 1449)
Effective June 11, 1976

NEW WAC 16-316-0063 PROMULGATION. (This promulgation relates to Order 1449, WAC 16-316-295, 310, 315, 320, 326, 327 & 328).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations relating to the issuing of phyto-sanitary certificates.

NEW WAC 16-316-295 REGULATION AND PROCEDURE FOR ISSUANCE OF PHYTO-SANITARY CERTIFICATE. Phyto-sanitary certificate is a certificate stating a specific seed crop was inspected a predetermined number of times and a specified disease was not found; or a certificate based on area surveillance stating a specific disease, as far as known, does not occur in the area of production.

NEW WAC 16-316-310 APPLICATION FOR INSPECTION AND DUE DATES.
(1) The applicant must submit an application for each field stating the disease or diseases for which inspection is requested.

(a) Applications for field inspections of spring seeded crops are due May 1 for peas in the Columbia Basin, July 1 for beans and May 15 for all other crops.

(b) Applications for crops requiring a fall inspection are due 30 days prior to inspection time and not later than September 15. Applications may be accepted after September 15 at the discretion of the Seed Branch.

(2) To be eligible for Pseudomonas pisi phyto-sanitary certificate for peas or other diseases based on area surveillance, the applicant must file a report listing acreage and general location (such as block and unit if possible) before May 1.

(3) Applications received after due date will be assessed a late fee - acceptance is at the discretion of the certifying agency.

(4) Each applicant shall submit applications and/or required reports stating diseases for which inspection is to be made and the number of inspections required and/or requested.

(5) Application must be submitted to the Seed Branch, 2015 South 1st Street, Yakima, Washington 98903, before due date with required fees.

NEW WAC 16-316-315 FEES AND CHARGES. (1) Fee for area and field inspection:

(a) Field Inspection (Payable with application). For each required inspection (per acre or fraction thereof)... \$ 2.00 (with minimum fee of \$10.00 per field per inspection).

(b) Area Inspection (per 100 lbs)..... \$ 0.05
Billed at time certificate is issued with a minimum of \$10.00
and a maximum of \$100.00 per certificate.

(2) Late Application Penalty Fee..... \$10.00
This additional fee shall be charged for each application re-
ceived after due date.

(3) Sampling fee when sampling is required:

(a) Beans, peas, lentils, cereal grains(per 100 lbs) \$ 0.03

(b) Other crops (per 100 lbs)..... \$ 0.15

(4) Tagging fee when phyto-sanitary tag is requested:

(a) Beans, peas, lentils, cereal grains(per 100 lbs) \$ 0.15

(b) Other crops (per 100 lbs)..... \$ 0.25

(5) Serology test:

Fee to be established by the state of Idaho. An official
5 pound sample is required from each 10,000 pounds or portion
thereof. Officially drawn samples will be submitted to: State
Plant Pathologist, Idaho Department of Agriculture, P.O. Box
410, Twin Falls, Idaho 83301.

(6) Fees for services not listed in this order shall be
set on the basis of the actual cost to the department of agri-
culture or the most appropriate fee established will be used.

(7) Nursery grow-out plots, etc: Per hour..... \$12.50
Applicant will also be billed at the rate of 13¢ per mile,
plus \$8.25 per hour travel time when additional travel is
required. Attempts will be made to combine work assignments
keeping additional travel to a minimum.

NEW WAC 16-316-320 LAND AND PRODUCTION REQUIREMENTS. (1) A
field to be eligible for production of a crop for phyto-sanitary
certificates must not have been planted to said crop within the
past three years if said crop was known to be contaminated with
specific disease in question.

(2) A field must have clean, cultivated boundaries.

(3) Excessive weeds, poor stands, lack of vigor, or any
other condition which is likely to make inspection inaccurate
may be cause for rejection.

(4) Additional land and/or production requirements may be
adopted after consultation with industry representative and
area specialist for specific disease and/or crops.

(5) The department of agriculture may, in addition to
the following inspection procedures, require a laboratory
(serology) test and/or a greenhouse test or other testing
methods.

(6) The combined results of field inspection and labora-
tory (serology), greenhouse tests and/or other testing methods,
when required or available, may be used to determine final
eligibility for phyto-sanitary certificate.

NEW WAC 16-316-326 PHYTO-SANITARY CERTIFICATE FOR PEAS. (1)
Specific diseases of peas for which phyto-sanitary certificate
will be issued:

(a) Pseudomonas pisi (Sackett)

(b) Pea Seed-borne Mosaic Virus - based on two field
inspections.

(2) Pea seed to be eligible for a phyto-sanitary certifi-
cate stating freedom from Pseudomonas pisi (Sackett):

(a) Based on area inspection must be free of the disease in question as determined by area inspection of at least 10% of the acreage and not less than 200 acres in each specified inspection area. The department of agriculture will also conduct a survey of county extension agents, extension pathologists, and plant pathologists at experiment stations and Washington State University. Each company desiring his production eligible must make inspections of the fields throughout the growing season. If symptoms of said disease are found, it must be reported to the Seed, Branch, Department of Agriculture, 2015 South 1st Street, Yakima, Washington 98903, immediately. At the end of the growing season, and not later than September 1, each applicant must file a report with the Seed Branch, Department of Agriculture, based on company pathologist inspections and what other information he may have if the disease in question was or was not observed.

(b) Based on field inspection must be free of said disease as determined by one field inspection made during growing stage most optimum for detecting of said disease.

(3) Pea seed to be eligible for certificate stating freedom from Pea Seed-borne Mosaic Virus must be free of said disease as determined by one inspection at 2 to 4 weeks after seedling emergence, and second inspection 1 to 2 weeks before dry pod stage.

(a) It is recommended that breeding nurseries, isolation nurseries, and/or small seed-increase plots be entered for inspection. No certificate will be issued on these nurseries.

(b) Phyto-sanitary certificates for 1975 crop and older carryover seed lots may be obtained by planting a representative one pound sample in isolated grow-out plots. Certificate issued will indicate the basis is on grow-out test.

NEW

WAC 16-316-327 PHYTO-SANITARY CERTIFICATE FOR BEANS. (1) Specific bacterial diseases of beans for which phyto-sanitary certificates will be issued are:

(a) Halo Blight - Pseudomonas medicaginis var. phaseolica (Burk.) Dows.

(b) Common Bean Blight - Xanthomonas phaseoli (E.F. Sm.) Dows.

(c) Fuscous Blight - Xanthomonas phaseoli var. fuscans (Burk.)

(d) Bean Bacterial Wilt - Corynebacterium flaccumfaciens (Hedges) Dows.

(e) Or any varieties or new strains of these diseases.

(2) Common bean seed to be eligible for a phyto-sanitary certificate covering the bacterial diseases listed above, must be free of the diseases in question as determined by field inspection during the growing season and by a windrow inspection. (Serology test and greenhouse test may be accepted in lieu of windrow inspection at the discretion of the department of agriculture.)

(3) Snap beans, small white and kidney beans grown under sprinkler irrigation will not be eligible for phyto-sanitary certificates covering bacterial diseases.

(4) Field inspection requirements:

(a) At least two field inspections are required for beans being inspected for the bacterial diseases listed above:

(i) The first inspection is required when the plants are at the third-leaf stage or when the plants are grown.

(ii) The second inspection is required when the plants are in the windrow.

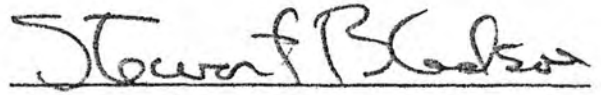
NEW

WAC 16-316-328 PHYTO-SANITARY CERTIFICATE FOR OTHER CROPS AND DISEASES. (1) Phyto-sanitary certificates may be issued covering other crops and other diseases depending upon occurrence, symptoms, and hosts. Inspection procedures and requirements for issuing phyto-sanitary certificates will be determined after consultation with area specialists.

(a) To be eligible for phyto-sanitary certificates, applicant must submit his request as early as possible to allow adequate time to develop procedures and requirements.

(b) Only one field inspection will be provided unless it is determined that it is necessary to make inspections at different times during the growing season to detect symptoms of the disease in question.

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



STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/12/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1456
(Supersedes Orders 1365 & 1420)
Effective June 11, 1976

NEW WAC 16-316-0057 PROMULGATION. (This promulgation relates to Orders 1365 & 1420, WAC 16-316-800 through WAC 16-316-840).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on April 27, 1976, do hereby promulgate the following regulations relating to varieties eligible for certification. As the list of varieties is subject to change, other varieties may be eligible upon approval of the certifying agency.

NEW WAC 16-316-800 GRASS VARIETIES ELIGIBLE. Following are the grass varieties eligible and the certification scheme for each:

| | | | |
|---------------------|------------------------------|---------------|-------------|
| Bentgrass: | Astoria Colonial*** | | |
| | Highland Colonial** | | |
| | Seaside Creeping*** | | |
| | Smaragd (Emerald) Creeping** | | |
| Big Bluegrass: | Sherman** | | |
| Canada Bluegrass: | Reubens**pat | | |
| Kentucky Bluegrass: | A20-6*p | Majestic**pat | |
| | A-34**p | Merion** | |
| | Adelphi**pat | Newport** | |
| | Arista*p | Nugget* | |
| | Banff*p | Parade*pvp | |
| | Baron**pat | Park** | |
| | Birka*pvp | Pennstar*p | |
| | Bonnieblue**pat | Plush*p | |
| | Cheri (Golf)*p | Prato**p | |
| | Cougar* | Ram I*p | |
| | Delta* | Touchdown*p | |
| | Fylking**pat | Troy**p | |
| | Galaxy**pat | Victa*pat | |
| | Georgetown**p | Windsor*pat | |
| | Glade**pat | | |
| | Kenblue* | | |
| | I-13**p | | |
| Smooth Brome: | Baylor*p | Manchar** | |
| | Blair*p | Saratoga* | |
| Deertongue: | Tioga* | | |
| Fescue: | Cascade Chewings** | Pennlawn Red* | |
| | Boreal Red* | Durar Hard** | |
| | Dawson Red*p | Alta Tall** | |
| | Novorubra Red*p | Fawn Tall* | |
| Orchardgrass: | Latar** | Pennlate* | Potomac* |
| Perennial Ryegrass: | Cropper*p | Norlea*p | Manhattan*p |
| | NK-100*p | NK-200*p | Pelo**p |
| | Pennfine*p | Yorktown*p | |

| | | | | |
|-------------|------------------------|----------------------|--------|----------|
| Timothy: | Clair** | Climax* | Essex* | Verdant* |
| Wheatgrass: | Whitmar Beardless** | Greenleaf Pubescent* | | |
| | Fairway Crested* | Luna Pubescent** | | |
| | Nordan Crested** | Topar Pubescent** | | |
| | Amur Intermediate*** | Primar Slender** | | |
| | Greenar Intermediate** | Sodar Streambank** | | |
| | Oahe Intermediate* | Alkar Tall** | | |
| | Tegmar Intermediate* | Siberian** | | |

NEW WAC 16-316-810 RED CLOVER VARIETIES ELIGIBLE. (1) Following are the red clover varieties eligible and the certification scheme for each:

| | | | |
|-------------|-------------|------------|-----------|
| Arlington* | Florie*p | Lakeland* | Prosper*p |
| Chesapeake* | Kenland* | Ottowa* | Redland*p |
| E-688*p | Kenstar*pvp | Pennscott* | Redman*p |

(2) Kenstar: No seed production permitted year of seeding.

NEW WAC 16-316-820 ALFALFA VARIETIES ELIGIBLE. Following are the alfalfa varieties eligible and the certification scheme for each:

| | | | |
|------------|----------------|-------------|----------|
| A-24**p | G-777*p | Scout*p | WL-215*p |
| A-59**p | Glacier*p | Spredor*p | WL-216*p |
| Agate* | Honeoye*p | SX10*p | WL-219*p |
| Anchor*p | Ladak** | Team* | WL-305*p |
| Apalachee* | Ladak 65*p | Tempo*p | WL-307*p |
| Apex*p | Lahontan* | Teton* | WL-308*p |
| Apollo*p | Marathon*p | Thor*p | WL-309*p |
| Arc* | Mesilla** | Titan*p | WL-310*p |
| Arnim*p | Narragansett** | Travois* | WL-311*p |
| Atra-55*p | Nugget*p | Vernal* | WL-318*p |
| Bonus*p | Polar I*p | Vista*p | 123*p |
| Chimo*p | Rambler* | Warrior*p | 167*p |
| Citation*p | Ranger** | Washoe* | 520*p |
| Dawson* | Roamer* | Weevlchek*p | 521*p |
| Delta** | Saranac* | WL-202*p | 530*p |
| Dupuits*p | Saranac AR* | WL-210*p | |

NEW WAC 16-316-830 BEAN VARIETIES ELIGIBLE. (1) Following are the bean varieties and the certification scheme for each:

| | | | | |
|-----------------|---------------|---------------|-----------|---------|
| Great Northern: | U of I 31*** | U of I 123*** | | |
| Red Mexican: | U of I 34*** | U of I 36*** | Bigbend** | Rufus** |
| Pinto: | U of I 111*** | U of I 114*** | | |
| Pink: | Gloria** | Roza** | Sutter** | Viva** |
| Small White: | Bonus** | Bailiff** | Chief** | |
| Kidney: | Royal Red** | | | |
| Snap Bean: | Yakima** | Apollo** | | |

NEW

WAC 16-316-840 WHITE CLOVER, CROWN VETCH, AND TREFOIL VARIETIES ELIGIBLE. Following are the varieties eligible and the certification scheme for each:

Ladino Clover***
Merit Ladino Clover*
Pilgrim Ladino Clover*

Tillman White Clover**
Louisiana S-1 White Clover**

Penngift Crownvetch*

Emerald Crownvetch**

Cascade Birdsfoot Trefoil**
Marshfield Big Trefoil**

Viking Birdsfoot Trefoil**

* These varieties are certified on a limited generation basis where:

Foundation seed is eligible to produce certified seed;
Certified seed is not eligible for recertification.

** These varieties are certified on the generation basis where:

Foundation seed is eligible to produce registered seed;
Registered seed is eligible to produce certified seed;
Certified seed is not eligible for recertification.

*** These varieties are not certified on a generation basis:
Certified seed is eligible to produce certified seed.

p = Proprietary
pat = Patent
pvp = Plant Variety Protected

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

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/12/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1457
(Supersedes Orders 1253, 1307
& 1363)
Effective June 11, 1976

NEW WAC 16-316-0049 PROMULGATION. (This promulgation relates to Orders 1253, 1307 and 1363, WAC 16-316-430 through WAC 16-316-460).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations relating to the standards for red clover seed certification.

NEW WAC 16-316-430 RED CLOVER SEED CERTIFICATION STANDARDS. The general seed certification standards are basic and together with the list of varieties eligible and the following specific regulations, constitute the standards for red clover seed certification.

NEW WAC 16-316-440 CERTIFICATION FEES. (1) Seedling Applications: Due within sixty days after planting, however, may be accepted after due date at the discretion of the certifying agency.

- (a) Seedling application fee:
Per variety, per grower..... \$10.00
 - (b) Late seedling penalty fee:..... \$10.00
- This additional fee shall be charged for each seedling application received more than sixty days after planting.
- (c) Seedling acreage fee: (per acre)..... \$ 0.50
(Refundable if acreage is withdrawn before inspection). Required of seedling fields to be harvested for certification the year of planting. Notification of seedling field to be harvested for certification and required fees are due July 31, however, may be accepted after due date with \$10.00 late penalty fee at the discretion of the certifying agency.

(2) Renewal Applications: Due June 15, however, may be accepted after due date at the discretion of the certifying agency.

- (a) Renewal application fee:
Per variety, per grower..... \$10.00
- (b) Renewal acreage fee: (per acre)..... \$ 0.50
(Refundable if acreage is withdrawn before inspection).
- (c) Late renewal penalty fee:..... \$10.00

This additional fee shall be charged for each renewal application received after June 15.

(3) Reinspection: (each field)..... \$10.00
If a field is rejected for certification, the grower may apply for reinspection after the cause for rejection has been corrected. Only two reinspections are permitted for each field each year.

- (4) Sampling Fee: (per 100 lbs.)..... \$ 0.15
Production Fee - includes tagging: (per 100 lbs.) \$ 0.15

The sampling and production fees are billed at completion of tests. If none of the seed is tagged, 10¢ of the 15¢ cwt. production fee charged is refundable.

(5) Purity & Germination test:..... Fees as established by the director of agriculture.

(6) Fees for resampling, retagging, or services not listed in this order shall be the most applicable fee established by the director of agriculture.

(7) Fees for reissue of tags shall be \$0.05 a tag with a minimum fee of \$5.00.

NEW WAC 16-316-445 LAND REQUIREMENTS. (1) A field to be planted with breeder seed for the production of foundation seed must not have grown or have been seeded to red clover during the preceding six years, three years of which the land must have been cultivated.

(2) A field to be planted with foundation seed for the production of certified seed must not have grown or have been seeded to red clover during the preceding three years. The time interval may be shortened to one year if one cultivated crop or clean fallow has intervened.

(3) A stand of red clover will not be eligible to produce certified seed after two seed crops. These crops may be produced either in the same or in consecutive years.

(4) Reseeding of a field, because of failure or partial failure of the first seeding, may be done with permission of the certifying agency.

(5) Ditchbanks, roadways, etc., adjacent to a certified field must be free of volunteer red clover and prohibited noxious weeds.

(6) Volunteer plants in the field may be cause for rejection or reclassification of the seed field.

(7) No manure or contaminating material shall be applied one year preceding, or during the establishment and productive period of the stand.

(8) A stand of red clover over three years old is not eligible for certification.

NEW WAC 16-316-450 ISOLATION REQUIREMENTS. (1) Red clover for certification shall be isolated from all other red clover varieties or fields of the same variety not meeting varietal purity requirements for certification as follows:

| Class Being Produced | Fields less than five acres | Fields five acres or more |
|----------------------|-----------------------------|---------------------------|
| Foundation | 900 feet | 600 feet |
| Certified | 165 feet | 165 feet |

(2) Isolation between different classes (generations) of the same variety shall be as follows:

| Class Being Produced | Distance required from field planted with: | |
|----------------------|--|----------|
| Foundation | Foundation or Certified | 150 feet |
| Certified | Certified | 75 feet |

(3) In cases where an adjoining field is planted with a different variety of red clover, or red clover of a lower class, isolation may be obtained by measuring off the required strip in the certified field. This isolation strip may be mowed for hay or it may be harvested for uncertified seed

under the following conditions:

(a) The grower must apply for certification of the entire field and clearly stake off the isolation strip. The entire field must pass all certification requirements, except for isolation at time of inspection. The field report will show rejection due to lack of isolation.

(b) The grower may harvest either the certified portion of the field or the uncertified isolation strip first and deliver that portion to the processing plant. After this seed is weighed and lotted in, the grower will then request a re-inspection of the uncut portion. After reinspection, if everything is in order, the field will be passed and the remainder of the field can then be harvested.

NEW

WAC 16-316-455 FIELD TOLERANCES. Field tolerances shall be as follows:

| | | Field Producing* | |
|-----------------|--------|------------------|----------------|
| | | Foundation | Certified |
| Other varieties | (Max.) | 0.00% | 0.50% |
| Alfalfa | (Max.) | None | 10 plants/acre |
| Sweet Clover | (Max.) | None | 20 plants/acre |

* Prohibited noxious weeds must be controlled to prevent seed formation.

NEW

WAC 16-316-460 SEED STANDARDS. Seed standards shall be as follows:

| | | Foundation* | Blue Tag Certified* |
|--|--------|-------------|---------------------|
| Purity | | | |
| Pure seed | (Min.) | 99.00% | 99.00% |
| Other crops | (Max.) | 18 per lb. | 0.25% |
| Inert matter | (Max.) | 1.00% | 1.00% |
| Sweet clover | (Max.) | 9 per lb. | 90 per lb. |
| Weed seed | (Max.) | 0.15% | 0.25% |
| Objectionable weed seeds | (Max.) | none | 90 per lb. |
| <hr/> | | | |
| <u>Germination</u> | | | |
| (Minimum total germination and hard seeds) | | 85.00% | 85.00% |

*Red Clover seed must be free of prohibited noxious weed seeds. FURTHER, the foundation class must also be free of Brassica spp.

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

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/2/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1458
(Supersedes Order 1254, 1312, 1366 & 1416)
Effective June 11, 1976

NEW WAC 16-316-0052 PROMULGATION. (This promulgation relates to Orders 1254, 1312, 1366 and 1416, WAC 16-316-470 through WAC 16-316-486).

I, Stewart Bledsoe, director of agriculture of the state of Washington by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations relating to the rules for field pea seed certification.

NEW WAC 16-316-470 FIELD PEA SEED CERTIFICATION STANDARDS. The general rules for seed certification are basic and together with the following specific rules constitute the rules for field pea seed certification.

NEW WAC 16-316-472 ELIGIBLE VARIETY AND STOCK SEED.

| <u>Kind</u> | <u>Variety</u> |
|-------------|----------------|
| Field Pea | Latah |

The eligibility of other varieties may be approved by the certifying agency.

Foundation seed is eligible to produce registered seed or certified seed.

Registered seed is eligible to produce certified seed.

Certified seed is not eligible for recertification.

| | |
|-----------|--------|
| Field Pea | Alaska |
|-----------|--------|

Certified seed is eligible to produce certified seed.

NEW WAC 16-316-474 APPLICATION AND FEES. (1) An application for seed certification with application fee, field inspection fee, and late application fee (if due) for each field must be filed by or for each grower with Washington State Crop Improvement Association, Inc., the certifying agency for field pea seed.

(2) Due Date: June 1; however, acceptable for service after due date with late application fee.

(3) Fees:

(a) Application fee per variety per grower..... \$10.00

(b) Field inspection fee per acre..... \$ 0.70

(c) Late application fee..... \$10.00

(d) Reinspection fee..... \$10.00

for each field which did not pass field inspection.

(e) Final certification fee..... \$ 0.10
per cwt. of clean seed sampled, which shall be charged to processing plant.

(f) Sampling fee..... \$ 0.10
per cwt. of clean seed sampled, with minimum charge of \$10.00 per sample, which shall be charged to processing plant in lieu of

mechanical sampling.

(4) A field may be withdrawn upon notification by the applicant before field inspection. In such case, the field inspection fee shall be refunded upon request until June 30 of the year following harvest.

(5) Harvest before field inspection causes forfeiture of both the application and field inspection fees, and completion of certification.

NEW WAC 16-316-476 LAND REQUIREMENTS. A seedcrop of field pea will be eligible for certification if planted on land on which the following crops were not grown the following number of previous years:

| Crop | Foundation | Registered | Certified |
|--------------|------------|------------|-----------|
| Field Pea | 5 years | 3 years | 2 years |
| Lentil | 5 years | 3 years | 2 years |
| Austrian pea | 10 years | 10 years | 10 years |

NEW WAC 16-316-478 ISOLATION REQUIREMENTS. Each field pea field for certification must be isolated from fields producing a certified class of the same variety by three feet, and from other field pea fields by forty feet.

NEW WAC 16-316-480 FIELD STANDARDS.

| Factor | Foundation | Registered | Certified |
|-------------------|------------|----------------|----------------|
| Off-types (Max.) | None | 10 plants/acre | 20 plants/acre |
| Vetch (Max.) | None | None | 5 plants/acre |
| Austrian pea, rye | None | None | None |

(a) The field inspection will be made when the seedcrop is in full bloom.

(b) Any condition or practice which permits or causes contamination of the seedcrop, such as failure to prevent seed formation in prohibited noxious weeds, or excess objectionable or common weeds, or mechanical field mixing, shall be cause for rejection.

NEW WAC 16-316-482 SEED STANDARDS.

| Factor | Foundation | Registered | Certified |
|------------------------|------------|------------|-----------|
| Pure Seed (Min.) | 99.00% | 99.00% | 99.00% |
| Off-types (Max.) | None | None | 1/lb. |
| Inert Matter (Max.) | 1.00% | 1.00% | 1.00% |
| Other Crop Seed (Max.) | None | None | 3/lb. |
| Austrian pea, rye | None | None | None |
| Weed Seed (Max.) | None | 0.25% | 0.25% |
| Prohibited Noxious | None | None | None |
| Objectionable (Max.) | None | 1/lb. | 2/lb. |
| Germination (Min.) | 90.00% | 90.00% | 90.00% |

NEW WAC 16-316-484 MECHANICAL SAMPLING. Seed for certification must be sampled by automatic mechanical sampler installed by a processing plant and acceptable to the certifying agency, or alternatively must be sampled by a representative of the certifying agency and in which latter case the sampling fee shall be charged to the processing plant.

NEW WAC 16-316-486 CERTIFIED SEED SALE CERTIFICATE. (1) A certified seed sale certificate must be executed for unprocessed seed pending final certification when moved from an approved processing plant.

(2) A certified sale seed certificate or a copy of invoice available to certifying agency showing identification of certifying agency, variety and kind, certification class, pounds, field number and/or lot number, purchaser, vendor, and date must be executed for certified seed when in bulk.

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

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/12/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1459
(Supersedes Order 1185, 1313, 1367 & 1415)
Effective June 11, 1976

NEW WAC 16-316-0053 PROMULGATION. (This promulgation relates to Orders 1185, 1313, 1367 and 1415, WAC 16-316-520 through WAC 16-316-570).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations relating to the rules for small grain seed certification.

NEW WAC 16-316-520 SMALL GRAIN SEED CERTIFICATION STANDARDS. The general rules for seed certification are basic and together with the following specific rules, constitute the rules for small grain seed certification.

NEW WAC 16-316-525 ELIGIBLE VARIETY AND STOCK SEED.

| <u>Kind, type</u> | <u>Variety</u> |
|-------------------|--|
| Barley, spring | Belford, Blazer, Gem, Klages, Larker, Pirolina, Steptoe, Steveland, Traill, Unitan, Vale 70, Vanguard |
| Barley, winter | Boyer, Kamiak, Luther |
| Oat, spring | Cayuse, Park, Victory |
| Rye, winter | Tetra Petkus |
| Wheat, spring | Baart, Fielder, Fortuna, Henry, Idaed 59, Marfed, Peak 72, Pro-dax (P), Prosper (P), Springfield, Twin, Wandell, Wared, WS-3 (P), WS-6 (P) |
| Wheat, winter | Coulee, Gaines, Hyslop, Luke, McCall, McDermid, Moro, Nugaines, Paha, Sprague, Wanser, Yamhill |

(P) means Proprietary

The eligibility of other varieties may be approved by the certifying agency.

Foundation seed is eligible to produce registered seed.

Registered seed is eligible to produce certified seed.

Certified seed is not eligible for recertification.

NEW WAC 16-316-530 APPLICATION AND FEES. (1) An application for seed certification with application fee, field inspection fee, and late application fee (if due) for each field must be

filed by or for each grower with Washington State Crop Improvement Association, Inc., the certifying agency for small grain seed.

(2) Due Dates:

(a) June 1 for winter varieties; however, acceptable for service after due date with late application fee.

(b) July 1 for spring varieties; however, acceptable for service after due date with late application fee.

(3) Fees:

(a) Application fee per variety per grower..... \$10.00

(b) Field inspection fee per acre..... \$ 0.70

(c) Late application fee..... \$10.00

(d) Reinspection fee..... \$10.00

for each field which did not pass field inspection.

(e) Final certification fee..... \$ 0.10 per cwt. of clean seed sampled, which shall be charged to processing plant.

(f) Sampling fee..... \$ 0.10 per cwt. of clean seed sampled, with minimum charge of \$10.00 per sample, which shall be charged to processing plant in lieu of mechanical sampling.

(4) A field may be withdrawn upon notification by the applicant before field inspection. In such case, the field inspection fee shall be refunded upon request until June 30 of the year following harvest.

(5) Harvest before field inspection causes forfeiture of both the application and field inspection fees, and completion of certification.

NEW

WAC 16-316-535 LAND REQUIREMENTS. A seedcrop of small grain will be eligible for certification if planted on land on which the same kind of crop was not grown the previous year, except that a seedcrop planted on land on which a class of certified seed of the same variety was planted the previous year will be eligible to produce the next lower class of certified seed.

NEW

WAC 16-316-540 ISOLATION REQUIREMENTS. (1) Each small grain field for certification must be isolated from other small grain fields by three feet.

(2) Each rye field for certification must be isolated from fields producing a certified class of the same variety by three feet, and from other rye field by six hundred sixty feet.

NEW

WAC 16-316-545 FIELD STANDARDS.

| Factor | | Foundation | Registered | Certified |
|-----------------------------|--------|------------|---------------|----------------|
| Off-types | (Max.) | None | 5 plants/acre | 15 plants/acre |
| Other small grains | (Max.) | None | 5 plants/acre | 15 plants/acre |
| Rye in barley, oat or wheat | | None | None | None |
| Vetch, triticale | | None | None | None |

(a) The field inspection will be made when the seedcrop is fully headed and of mature color.

(b) Any condition or practice which permits or causes contamination of the seedcrop, such as failure to prevent seed formation in prohibited noxious weeds, or excess objectionable or common weeds, or mechanical field mixing, shall be cause for rejection.

NEW WAC 16-316-550 SEED STANDARDS.

| Factor | | Foundation | Registered | Certified |
|-----------------------------|--------|------------|------------|--------------|
| Pure seed | (Min.) | 99.00% | 99.00% | 99.00% |
| Off-types | (Max.) | None | 1/lb. | 4/lb. |
| Inert matter | (Max.) | 1.00% | 1.00% | 1.00% |
| Other crop seed | (Max.) | None | 0.05% | 0.10% |
| Other small grains | (Max.) | None | 1/lb. | 2/lb. |
| Rye in barley, oat or wheat | | None | None | None |
| Vetch, Triticale | | None | None | None |
| Weed seed | (Max.) | None | 0.05% | 0.05% |
| Prohibited noxious | | None | None | None |
| Objectionable, goatgrass | | | | |
| and gromwell | (Max.) | None | None | 1/lb. |
| Wild oat | (Max.) | None | None | None, |
| | | | | except 1/lb. |
| | | | | barley, oat |
| Germination | (Min.) | 85.00% | 85.00% | 85.00% |

NEW WAC 16-316-555 MECHANICAL SAMPLING. Seed for certification must be sampled by automatic mechanical sampler installed by a processing plant and acceptable to the certifying agency, or alternatively must be sampled by a representative of the certifying agency and in which latter case the sampling fee shall be charged to the processing plant.

NEW WAC 16-316-560 SEED-BORNE DISEASES. If chemically controlled seed-borne diseases are noted, treatment of seed is required.

NEW WAC 16-316-565 CERTIFIED SEED SALE CERTIFICATE. (1) A certified seed sale certificate must be executed for unprocessed seed pending final certification when moved from an approved processing plant.

(2) A certified sale seed certificate or a copy of invoice available to certifying agency showing identification of certifying agency, variety, type, and kind, certification class, pounds, field number and/or lot number, purchaser, vendor, and date must be executed for certified seed when in bulk.

NEW

WAC 16-316-570 CLEANING, LABELING, AND SEALING. The certifying agency may authorize a grower who has his own cleaning equipment and processes only his own seed to clean, label and seal certified seed.

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

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/12/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1460
(Supersedes Order 1412)
Effective June 11, 1976

NEW WAC 16-316-0059 PROMULGATION. (This promulgation relates to Order 1412 and WAC 16-316-575).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations relating to the foundation seed certification standards.

NEW WAC 16-316-575 FOUNDATION SEED CERTIFICATION STANDARDS. The general seed certification standards are basic and together with specific crop standards and the following regulations, constitute the standards for production of foundation seed.

(1) Seed to be eligible for foundation certification tags, or O.E.C.D. basic tags, must be approved by the originating plant breeder or his designated agent, and in compliance with the following standards:

(a) Preplanting Report. A preplanting inspection, an industry responsibility, should be made of fields to be planted with breeder seed. A written report of the preplant inspection, performed by either a representative of the person issuing the contract or, if not possible, by the grower himself, shall be submitted to the certifying agency. The report shall show the grower's name, number of acres, location, crop history for past six years, the crops to be planted, origin of breeder seed, isolation status, and weed and crop present.

(b) Planting Requirement. To distinguish between any possible volunteer and the crop seeded, all fields must be planted in distinct rows. Plants outside defined rows may be construed as volunteers.

(c) Combine Inspection. The combine must be inspected prior to harvesting foundation or O.E.C.D. basic seed. After the machine is cleaned, submit a request to the certifying agency for a combine inspection, giving date, time, and location where combine inspection may be made. Fee: \$10.00 plus mileage if special trip.

(d) Processing Plant Inspection. The processing plant must be inspected before processing foundation or O.E.C.D. basic seed and periodic inspections will be made during processing. Submit request to the certifying agency. Fee: \$10.00 plus mileage if special trip.

(e) Recleaning, Rebagging, etc. Recleaning, rebagging, preinoculation, treating, or other processes must be approved and under supervision by the certifying agency. Approval must be obtained before the seal is broken and the seed must be re-tagged and resealed on completion.

(f) If a proprietary variety, the above combine inspection (c), and processing plant inspection (d), responsibility may be assigned the proprietor or his designee upon their request. A report covering required inspections must be filed with the certifying agency.

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

Signed at Olympia, WA

Date: 5/12/76

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1461
(Supersedes Order 1257)
Effective June 11, 1976

NEW WAC 16-316-0061 PROMULGATION. (This promulgation relates to Order 1257, WAC 16-316-590, 595, and 600).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations relating to proprietary variety certification standards and genetic purity certification.

NEW WAC 16-316-590 PROPRIETARY VARIETY CERTIFICATION STANDARDS. DEFINITION. Proprietary variety means that crop variety for which a person or company, hereafter referred to as owner, has exclusive production and/or marketing rights. The general seed certification standards are basic and together with the list of varieties eligible and the following specific regulations, constitute the standards for proprietary variety certification.

NEW WAC 16-316-595 APPLICATION PROCEDURE. (1) The owner or his designee must submit to the certifying agency, prior to due dates specified in crop standards, a list of growers who will submit applications for certification showing the variety, acreage authorized, processor authorized, and also advising whether the variety is under genetic purity certification or under complete certification.

(2) Each application received by the certifying agency shall be subject to approval from the list submitted by the owner.

(3) The certifying agency shall refuse certification of any seed that appears in a processing plant not authorized by the owner.

(4) The owner or applicant may withdraw the application for certification at any time prior to tagging.

(5) The owner or his representative shall be responsible for fees due and owing on that seed on which he has withdrawn the application for certification.

NEW WAC 16-316-600 GENETIC PURITY CERTIFICATION. (1) The general certification standards and specific crop certification standards are basic and, together with the following exceptions and specific regulations, constitute the rules for genetic purity seed certification.

(2) Only proprietary varieties and O.E.C.D. varieties not of U.S. origin to be tagged under the O.E.C.D. scheme are eligible for genetic purity certification.

(3) Only the specific crop certification standards that pertain to genetic purity such as land requirements and isolation shall apply, however, in addition fields must not contain other varieties or off-type plants in excess of established standards; and the grower is expected to control noxious weeds

to prevent seed formation.

(4) Excessive prohibited and/or objectionable weeds, poor stands, lack of vigor, or other conditions which make inspection inaccurate may be cause for rejection of a field.

(5) Field Inspection. A field inspection shall be made each year at the time the seed crop is in bloom, or at such other times as may be most advantageous to determine genetic purity. A complete record shall be maintained on the condition of the field (weeds, crop mixtures, etc.) and all such information reported to the authorized agent and/or grower. Upon completion of all requirements for field inspection, a final field inspection report shall be issued stating that seed produced from said field passed genetic purity requirements.

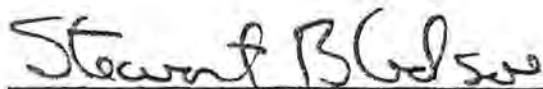
(6) Seed Standards. Seed to be certified must not contain seeds of other varieties or off-types in excess of established standards. The quality of each lot of seed represented to be certified must be that which is normally acceptable in the marketing of high quality seed. The certifying agency shall test all lots to determine the purity and germination quality. Failure to maintain acceptable quality shall be considered cause for revoking permission to participate in seed certification by genetic purity.

(7) Processing Requirements. Only those cleaning plants approved by the certifying agency are permitted to process seed for certification. Complete records must be kept of all processing. Blending of seed lots of the same variety from fields passing field inspections may be permitted with prior approval and if in accordance with regulations for blending. There shall be a certification representative in each approved plant to be responsible for all operations involving certified seed. This representative will draw a sample of each lot of certified seed after the lot is brought to the condition in which it is to be marketed. This sample will be submitted to the Seed Laboratory for testing to evaluate quality. Lots of questionable quality may be rejected and not eligible for certification.

(8) Certification tags used will be clearly marked, "Genetic Purity Certified".

(9) Fees for genetic purity certification are as established for each commodity under Washington certification and the authorized agent or grower is responsible for all authorized fees.

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



STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/12/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1462
(Supersedes Order 1186 & 1302)
Effective June 11, 1976

NEW

WAC 16-316-0054 PROMULGATION. (This promulgation relates to Orders 1186 and 1302, WAC 16-316-610 through WAC 16-316-635).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations relating to sod quality certified seed standards.

NEW

WAC 16-316-610 SOD QUALITY CERTIFIED SEED STANDARDS. The general rules for seed certification and grass seed certification standards are basic and together with the following specific rules, constitute the rules for sod quality grass seed certification.

NEW

WAC 16-316-615 VARIETIES ELIGIBLE, CERTIFICATION FEES, LAND AND ISOLATION REQUIREMENTS, AND FIELD TOLERANCES. The varieties eligible and certification scheme of each; the certification fees; the land requirements; the isolation requirements; and field tolerances shall be as listed in grass seed certification standards.

NEW

WAC 16-316-620 STANDARDS. Seed standards for sod quality grass seed are as follows:

| Variety | Minimum Purity | Minimum Germination | Maximum* Other Crop | Maximum*** Weed |
|---------------------------------------|----------------|---------------------|---------------------|-----------------|
| Merion Kentucky Bluegrass | 96% | 80% | 0.1%** | .02% |
| Other varieties of Kentucky Bluegrass | 97% | 80% | 0.1%** | .02% |
| Red Fescue | 98% | 90% | 0.1% | .02% |
| Chewings Fescue | 98% | 90% | 0.1% | .02% |

* Must be free of ryegrass, orchardgrass, timothy, bentgrass, big bluegrass, Canada bluegrass**, Poa trivialis, smooth brome, reed canarygrass, tall fescue, and clover.

** Other Kentucky bluegrass - Maximum 2%

*** Canada bluegrass in Kentucky bluegrass - Maximum .02%

*** Must be free of dock, chickweed, crabgrass, plantain, short-awn foxtail, black medic, annual bluegrass, velvetgrass, and prohibited noxious weed seeds.

NEW

WAC 16-316-625 SOD SEED ANALYSIS CERTIFICATE. A sod seed analysis certificate will be the basis of determining if a lot meets sod quality standards. This certificate con-

sists of a purity analysis, a 25 gram noxious all weed all crop exam, a 10 gram Poa annua check and a germination test on an official sample. (Except a 50 gram noxious all weed all crop exam will be required for Fescues).

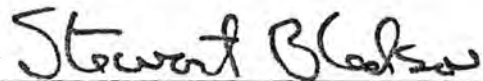
NEW

WAC 16-316-630 SOD QUALITY SEED TAG. In addition to the certification tag, seed meeting sod quality certified seed standards will be tagged with a special "Sod Quality Seed" tag.

NEW

WAC 16-316-635 SERVICE FEE. Service fee for sod quality seed tags and tagging shall be \$0.25 per cwt. Official sampling fee shall be charged when resampling is required.

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



STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/12/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1463
(Supersedes Orders 1187, 1303
& 1408)
Effective June 11, 1976

NEW

WAC 16-316-0055 PROMULGATION. (This promulgation relates to Orders 1187, 1303 and 1408, WAC 16-316-650 through WAC 16-316-680).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations relating to the standards for crownvetch, white clover and trefoil seed certification.

NEW

WAC 16-316-650 CROWNVETCH, WHITE CLOVER, AND TREFOIL SEED CERTIFICATION STANDARDS. The general seed certification standards are basic and together with the list of varieties eligible and the following specific regulations, constitute the standards for crownvetch, white clover and trefoil seed certification.

NEW

WAC 16-316-660 CERTIFICATION FEES. (1) Seedling Applications: Due within sixty days after planting, however, may be accepted after due date at the discretion of the certifying agency.

- (a) Seedling application fee:
Per variety, per grower..... \$10.00
- (b) Late seedling penalty fee:..... \$10.00

This additional fee shall be charged for each seedling application received more than sixty days after planting.

- (c) Seedling acreage fee: (per acre)..... \$ 0.50
(Refundable if acreage is withdrawn before inspection). Required of seedling fields to be harvested for certification the year of planting. Notification of seedling field to be harvested for certification and required fees are due July 31, however, may be accepted after due date with \$10.00 late penalty fee at the discretion of the certifying agency.

(2) Renewal Applications: Due June 15, however, may be accepted after due date at the discretion of the certifying agency.

- (a) Renewal application fee:
Per variety, per grower..... \$10.00
- (b) Renewal acreage fee: (per acre)..... \$ 0.50
(Refundable if acreage is withdrawn before inspection).

- (c) Late renewal penalty fee:..... \$10.00

This additional fee shall be charged for each renewal application received after June 15.

- (3) Reinspection: (each field)..... \$10.00

If a field is rejected for certification, the grower may apply for reinspection after the cause for rejection has been corrected. Only two reinspections are permitted for each field each year.

- (4) Sampling fee: (per 100 lbs.)..... \$ 0.15
Production fee - includes tagging: (per 100 lbs.) \$ 0.15

The sampling and production fees are billed at completion of tests. If none of the seed is tagged, 10¢ of the 15¢ cwt. production fee charged is refundable.

(5) Purity & Germination test:.....Fees as established by the director of agriculture.

(6) Fees for resampling, retagging, or services not listed in this order shall be the most applicable fee established by the director of agriculture.

(7) Fees for reissue of tags shall be \$0.05 a tag with a minimum fee of \$5.00.

NEW WAC 16-316-665 LAND REQUIREMENTS. (1) Breeder seed for the production of foundation seed shall not be planted on land on which the same kind has been previously planted. During the year immediately prior to seeding, the land shall have been in a cultivated crop or fallow and the land shall be free from volunteer plants as determined by field inspection during the season in which the seedling is established.

(2) Foundation seed for the production of registered or certified seed shall be planted on land on which no other variety or strain of the same kind has been grown or planted during the five years prior to the present planting.

(3) Foundation or registered trefoil seed for the production of certified seed shall be planted on land on which no other variety or strain of trefoil has been grown or planted during the three years prior to the present planting.

(4) Reseeding of a field due to failure or partial failure of the first seeding may be done with permission of the certifying agency.

(5) Certification of trefoil shall be limited to stands not exceeding five years of age, except for a variety grown outside its region of adaptation, in which case certification shall be limited to stands not exceeding three years of age.

(6) Foundation or certified producing white clover fields shall be eligible for certification for only two harvest years following the year of seeding, provided that seed production the first year is prevented. Foundation fields may be reclassified to the next lower class after being harvested for seed for two years.

(7) Certification of crownvetch fields outside the region of adaptation of a variety shall be limited to stands not exceeding six years of age.

(8) Ditchbanks, roadways, etc., adjacent to a certified field must be free of volunteer plants of the same kind and prohibited noxious weeds.

(9) Volunteer plants in the field may be cause for rejection or reclassification of the seed field.

(10) No manure or other contaminating materials shall be applied during the establishment and production period of the stand.

NEW WAC 16-316-670 ISOLATION REQUIREMENTS. (1) Fields for certification shall be isolated from all other fields of the same variety not meeting varietal purity requirements for certification as follows:

| Class Being Produced | Fields less than five acres | Fields five acres or more |
|----------------------|-----------------------------|---------------------------|
| Foundation | 900 feet | 600 feet |
| Registered | 450 feet | 300 feet |
| Certified | 165 feet* | 165 feet |

*330 feet required for crownvetch

(2) Isolation between different classes (generations) of the same variety shall be as follows:

| Class Being Produced | Distance Required from Fields Planted with: | Fields less than 5 acres | Fields five acres or more |
|----------------------|---|--------------------------|---------------------------|
| Foundation | Foundation or Registered | 225 feet | 150 feet |
| Registered | Registered or Certified | 115 feet | 75 feet |
| Certified | Certified | 75 feet | 45 feet |

(3) In cases where an adjoining field is planted with a different variety, or of a lower class, isolation may be obtained by measuring off the required strip in the certified field. This isolation strip may be mowed for hay or it may be harvested for uncertified seed under the following conditions:

(a) The grower must apply for certification of the entire field and clearly stake off the isolation strip. The entire field must pass all certification requirements, except for isolation at time of inspection. The field report will show rejection due to lack of isolation.

(b) The grower may harvest either the certified portion of the field, or the uncertified isolation strip first and deliver this portion to the processing plant. After this seed is weighed and lotted in, the grower will request a reinspection of the uncut portion. After reinspection, if everything is in order, the field will be passed and the remainder of the field can then be harvested.

NEW WAC 16-316-675 FIELD TOLERANCES SHALL BE AS FOLLOWS:

| Factor | Maximum permitted (Ratio of Plant) Field Producing* | | |
|-------------------------|---|------------|-----------|
| | Foundation | Registered | Certified |
| Other Variety | 1:1000 | 1:400 | 1:100 |
| Sweet Clover | 1:1000 | 1:400 | 1:100 |
| Other Inseparable Crops | 1:1000 | 1:400 | 1:100 |

*Prohibited noxious weeds must be controlled to prevent seed formation.

NEW WAC 16-316-680 SEED STANDARDS SHALL BE AS FOLLOWS: (1)

| | CROWN VETCH | | WHITE CLOVER | | | TREFOLI | | |
|--------------------------------|-------------|--------|--------------|--------|--------|---------|--------|--------|
| | Found. | Cert. | Found. | Req. | Cert. | Found. | Req. | Cert. |
| Pure Seed (Min) | 95.0% | 95.0% | 98.0% | 99.00% | 99.0% | 98.0% | 98.00% | 99.0% |
| Other Crop (Max) | 0.1% | 1.0% | 0.1% | .25% | 0.3% | 0.1% | 0.2 % | 0.5% |
| Inert (Max) | 5.0% | 5.0% | 2.0% | 1.00% | 1.0% | 2.0% | 2.0% | 1.0% |
| Weed Seed (Max) | 0.1% | 0.5% | 0.1% | .25% | 0.3% | 0.2% | 0.25% | 0.3% |
| Sweet Clover (Max) | None | 90/lb. | --- | 90/lb. | --- | None | 9/lb. | 90/lb. |
| Objectionable Weed Seeds (Max) | 27/lb. | 90/lb. | 10/lb. | 90/lb. | 90/lb. | None | 45/lb. | 90/lb. |
| Germination (Min) | 65.0% | 65.0% | 85.0% | 85.0% | 85.0% | 85.0% | 85.0% | 85.0% |
| (Germination + Hard Seed) | | | | | | | | |

- (2) Seed must be free of prohibited noxious weed seeds.
- (3) Foundation or registered seed that has been rejected in the laboratory for prohibited noxious weed seeds may be reclassified to the certified blue tag class but shall not be eligible for seed stock even though it is recleaned and meets certification standards.

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

Stewart Bledsoe
STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/12/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1464

(Supersedes Order 1188, 1258, 1311, 1368 & 1417)
Effective June 11, 1976

NEW

WAC 16-316-0056 PROMULGATION. (This promulgation relates to Orders 1188, 1258, 1311, 1368 and 1417, WAC 16-316-690 through WAC 16-316-728).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations relating to the rules for lentil seed certification.

NEW

WAC 16-316-690 LENTIL SEED CERTIFICATION STANDARDS. The general rules for seed certification are basic and together with the following specific rules, constitute the rules for lentil seed certification.

NEW

WAC 16-316-695 ELIGIBLE VARIETY AND STOCK SEED.

| <u>Kind</u> | <u>Variety</u> |
|-------------|----------------|
| Lentil | Tekoa |

The eligibility of other varieties may be approved by the certifying agency.

Foundation seed is eligible to produce registered seed or certified seed.

Registered seed is eligible to produce certified seed.

Certified seed is not eligible for recertification.

NEW

WAC 16-316-700 APPLICATION AND FEES. (1) An application for seed certification with application fee, field inspection fee, and late application fee (if due) for each field must be filed by or for each grower with Washington State Crop Improvement Association, Inc., the certifying agency for lentil seed.

(2) Due Date: June 1; however, acceptable for service after due date with late application fee.

(3) Fees:

(a) Application fee per variety per grower..... \$10.00

(b) Field inspection fee per acre..... \$ 0.70

(c) Late application fee..... \$10.00

(d) Reinspection fee..... \$10.00

for each field which did not pass field inspection.

(e) Final certification fee..... \$ 0.10
per cwt. of clean seed sampled, which shall be charged to processing plant.

(f) Sampling fee..... \$ 0.10
per cwt. of clean seed sampled, with minimum charge of \$10.00 per sample, which shall be charged to processing plant in lieu of mechanical sampling.

(4) A field may be withdrawn upon notification by the applicant before field inspection. In such case, the field

inspection fee shall be refunded upon request until June 30 of the year following harvest.

(5) Harvest before field inspection causes forfeiture of both the application and field inspection fees, and completion of certification.

NEW WAC 16-316-705 LAND REQUIREMENTS. A seedcrop of lentils will be eligible for certification if planted on land on which lentils were not grown the following number of previous years:

| Foundation | Registered | Certified |
|------------|------------|-----------|
| 5 years | 4 years | 3 years |

NEW WAC 16-316-710 ISOLATION REQUIREMENTS. (1) Each lentil field for certification must be isolated from fields producing a certified class of the same variety by three feet, and from other lentil fields by three hundred feet for foundation class, and by twenty feet for registered and certified classes.

(2) Each lentil field for certification must be isolated from small grain fields by three feet.

(3) To prevent mechanical field mixing of swathed lentil seedcrop, the planting of small grain between lentil fields, except for three feet of isolation, is recommended.

NEW WAC 16-316-715 FIELD STANDARDS.

| Factor | Foundation | Registered | Certified |
|---------------------------|------------|----------------|----------------|
| Off-types (Max.) | None | 10 plants/acre | 30 plants/acre |
| Barley, vetch, ea. (Max.) | None | 10 plants/acre | 30 plants/acre |

(a) The field inspection will be made when the seedcrop is in full bloom.

(b) Any condition or practice which permits or causes contamination of the seedcrop, such as failure to prevent seed formation in prohibited noxious weeds, or excess objectionable or common weeds, or mechanical field mixing, shall be cause for rejection.

NEW WAC 16-316-720 FIELD TOLERANCES SHALL BE AS FOLLOWS:

| Factor | Foundation | Registered | Certified |
|------------------------|------------|----------------|----------------|
| Other varieties (Max.) | None | 10 plants/acre | 30 plants/acre |
| Barley | None | 10 plants/acre | 30 plants/acre |
| <u>Vicia sativa</u> | None | None | None |
| <u>Lathyrus spp.</u> | None | None | None |

NEW

WAC 16-316-725 SEED STANDARDS.

| Factor | | Foundation | Registered | Certified |
|--------------------|--------|------------|------------|-----------|
| Pure seed | (Min.) | 99.00%* | 99.00%* | 99.00%* |
| Off-types | (Max.) | None | 1/lb. | 4/lb. |
| Inert matter | (Max.) | 1.00%* | 1.00%* | 1.00%* |
| Other crop seed | (Max.) | None | 0.05% | 0.10% |
| Vetch | | None | None | None |
| Weed seed | (Max.) | None | 0.05% | 0.05% |
| Prohibited noxious | | None | None | None |
| Objectionable | | None | 1/lb. | 2/lb. |
| Germination | (Min.) | 85.00% | 85.00% | 85.00% |

*A total of 3% inert matter will be allowed in samples containing decorticated seed provided total of all other inert matter does not exceed 1%.

NEW

WAC 16-316-726 MECHANICAL SAMPLING. Seed for certification must be sampled by automatic mechanical sampler installed by a processing plant and acceptable to the certifying agency, or alternatively must be sampled by a representative of the certifying agency and in which latter case the sampling fee shall be charged to the processing plant.

NEW

WAC 16-316-728 CERTIFIED SEED SALE CERTIFICATE. (1) A certified seed sale certificate must be executed for unprocessed seed pending final certification when moved from an approved processing plant.

(2) A certified sale seed certificate or a copy of invoice available to certifying agency showing identification of certifying agency, variety and kind, certification class, pounds, field number and/or lot number, purchaser, vendor, and date must be executed for certified seed when in bulk.

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

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/12/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1465
(Supersedes Orders 590 & 1259)
Effective June 11, 1976

NEW WAC 16-316-0062 PROMULGATION. (This promulgation relates to Orders 590 and 1259, WAC 16-316-730, 735, 740, 745, 750, 755 and 760).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations relating to the standards for interagency seed certification.

NEW WAC 16-316-735 RULES. The general rules for seed certification and specific commodity certification standards are basic and together with the following regulations, constitute the rules for interagency certification for Washington.

NEW WAC 16-316-738 PROCEDURE FOR FIELD PEA, LENTIL, SOYBEAN, SMALL GRAIN AND SORGHUM SEED. (1) A certified seed sale certificate must be executed for unprocessed seed pending final certification when moved out-of-state.

(2) Unprocessed seed pending final certification shall be subject to all certification fees when moved out-of-state.

NEW WAC 16-316-740 PROCEDURE FOR ALL OTHER KINDS. (1) Seed produced in Washington, being shipped out-of-state for processing, must comply with the following procedures:

(a) Obtain approval of all certifying agencies involved prior to shipment.

(i) Complete section (A) of "Interagency Certified Seed" report (forms available from Seed Branch, 2015 S. 1st Street, Yakima, Washington 98903) showing name, address of shipper, destination, shipping weight, lot number, grower, field number, date of shipment and other information concerning shipment that may be deemed necessary; and prior to shipment submit one copy to the Seed Branch, Yakima and one copy to the certifying agency where seed is being processed.

(ii) Each container must be clearly marked with lot number and Washington field number.

(2) Upon completion of processing, complete sections (B) and (C) of "Interagency Certified Seed" report showing date shipment was received, receiving weight and lot number, clean weight, bag count, new lot number (if different than receiving lot number) and screenings weight and submit completed report to Seed Branch, Yakima.

(a) If Washington is to finalize certification, have official sample drawn by a representative of the certifying agency in that state and submit sample to Seed Branch, 2015 S. 1st Street, Yakima, Washington 98903.

(i) If Washington certification tags are to be used, the lot must be tagged and sealed by a Washington inspector. The applicant must pay established mileage fee and hourly rate for

all additional mileage and travel time required.

(ii) If Washington interagency tags are used, interagency tags will be mailed to the nearest representative of the certifying agency having jurisdiction for tagging.

(b) If receiving state is to finalize certification, Washington certifying agency must advise receiving state's certifying agency of certification eligibility. Sampling, testing, and tagging will be in accordance with that agency's instructions.

(c) Applicant is responsible for all fees authorized under Washington's certification program and any additional fees that may be assessed by both agencies involved.

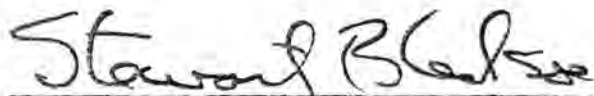
NEW WAC 16-316-745 Seed produced out of state and shipped into Washington for processing will be eligible for Washington interagency tags only after obtaining approval from the certifying agency of the originating state, and such seed must then comply with Washington certification standards.

NEW WAC 16-316-750 Seed of out-of-state origin that is officially tagged and sealed must be handled under interagency program if seals are to be broken for reinoculation or other processing. Applicant must obtain approval from certifying agency and all operations must be under the supervision of the certifying agency.

NEW WAC 16-316-755 Seed tagged and sealed with official certification tags is eligible for interagency certification without obtaining approval from certifying agency of originating state. However, a report will be submitted to all certifying agencies involved showing lot number, amount of seed used, and other information as deemed necessary.

NEW WAC 16-316-760 INTERAGENCY BLENDS. Blends of different origin can be authorized only after obtaining approval from certifying agencies involved. Blends must comply with blend standards established by Washington State Department of Agriculture. Interagency tags used will show percentage of each origin involved.

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


STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/12/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1466
(Supersedes Orders 1375 & 1414)
Effective June 11, 1976

NEW WAC 16-316-0058 PROMULGATION. (This promulgation relates to Orders 1375 & 1414, WAC 16-316-900 through WAC 16-316-940).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations relating to the certification of soybean seed.

NEW WAC 16-316-900 SOYBEAN SEED CERTIFICATION STANDARDS. The general rules for seed certification are basic and together with the following specific rules, constitute the rules for soybean certification.

NEW WAC 16-316-905 ELIGIBLE VARIETY AND STOCK SEED.

| <u>Kind</u> | <u>Variety</u> |
|-------------|-----------------------------------|
| Soybean | Ada, Evans, Merit, Norman, Wilkin |

The eligibility of other varieties may be approved by the certifying agency.

Foundation seed is eligible to produce registered seed or certified seed.

Registered seed is eligible to produce certified seed.

Certified seed is not eligible for recertification.

NEW WAC 16-316-910 APPLICATION AND FEES. (1) An application for seed certification with application fee, field inspection fee, and late application fee (if due) for each field must be filed by or for each grower with Washington State Crop Improvement Association, Inc., the certifying agency for soybean seed.

(2) Due Date: July 1; however, acceptable for service after due date with late application fee.

(3) Fees:

(a) Application fee per variety per grower..... \$10.00
(b) Field inspection fee per acre..... \$ 0.70
(c) Late application fee..... \$10.00
(d) Reinspection fee..... \$10.00
for each field which did not pass field inspection.

(e) Final certification fee..... \$ 0.10
per cwt. of clean seed sampled, which shall be charged to processing plant.

(f) Sampling fee..... \$ 0.10
per cwt of clean seed sampled, with minimum charge of \$10.00 per sample, which shall be charged to processing plant in lieu of mechanical sampling.

(4) A field may be withdrawn upon notification by the applicant before field inspection. In such case, the field inspection fee shall be refunded upon request until June 30 of the year following harvest.

(5) Harvest before field inspection causes forfeiture of both the application and field inspection fees, and completion of certification.

NEW WAC 16-316-915 LAND REQUIREMENTS. A seedcrop of soybeans will be eligible for certification if planted on land on which soybeans were not grown the previous year, except that a seed-crop planted on land on which a class of certified seed of the same variety was planted the previous year will be eligible to produce the next lower class of certified seed.

NEW WAC 16-316-920 ISOLATION REQUIREMENTS. Each soybean field for certification must be isolated from other soybean fields by three feet.

NEW WAC 16-316-925 FIELD STANDARDS.

| Factor | | Foundation | Registered | Certified |
|-----------|--------|------------|------------|-----------|
| Off-types | (Max.) | 0.10% | 0.20% | 0.20% |

(a) The field inspection will be made when the seedcrop is in full bloom and/or of mature color.

(b) Any condition or practice which permits or causes contamination of the seedcrop, such as failure to prevent seed formation in prohibited noxious weeds, or excess objectionable or common weeds, or mechanical field mixing, shall be cause for rejection.

NEW WAC 16-316-930 SEED STANDARDS.

| Factor | | Foundation | Registered | Certified |
|--------------------|--------|------------|------------|-------------|
| Pure seed | (Min.) | 98.00% | 98.00% | 98.00% |
| Off-types | (Max.) | 0.10% | 0.20% | 0.20% |
| Inert matter | (Max.) | 2.00% | 2.00% | 2.00% |
| Other crop seed | (Max.) | None | None | 1 per 2 lb. |
| Weed seed | (Max.) | None | 1/lb. | 2/lb. |
| Prohibited noxious | | None | None | None |
| Objectionable | | None | 1/lb. | 2/lb. |
| Germination | (Min.) | 85.00% | 85.00% | 85.00% |

NEW WAC 16-316-935 MECHANICAL SAMPLING. Seed for certification must be sampled by automatic mechanical sampler installed by a processing plant and acceptable to the certifying agency, or alternatively must be sampled by a representative of the

certifying agency and in which latter case the sampling fee shall be charged to the processing plant.

NEW WAC 16-316-940 CERTIFIED SEED SALE CERTIFICATE. (1) A certified seed sale certificate must be executed for unprocessed seed pending final certification when moved from an approved processing plant.

(2) A certified sale seed certificate or a copy of invoice available to certifying agency showing identification of certifying agency, variety and kind, certification class, pounds, field number and/or lot number, purchaser, vendor, and date must be executed for certified seed when in bulk.

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

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/12/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1467
(Supersedes Order 1197 & 1310)
Effective June 11, 1976

NEW WAC 16-495-004 PROMULGATION. ESTABLISHING QUARANTINE.

(1) Whereas, the seeds of the weed known as annual bluegrass, Poa annua and its fifty-six known strains, hereinafter referred to as annual bluegrass, are objectionable in grass seed; and

(2) Whereas, the market value of grass seed contaminated with annual bluegrass is greatly reduced; and

(3) Whereas, it is difficult to impossible to remove annual bluegrass from most grasses; and

(4) Whereas, the grass seed production area of Washington State is, at present, generally free of annual bluegrass; and

(5) Whereas, a quarantine will be effective in preventing the introduction of annual bluegrass into grass seed production areas of Eastern Washington; and

(6) Whereas, control of annual bluegrass in seed stocks to be planted for further seed increase will assure grass seed growers of a source of seed stock for planting purposes which is annual bluegrass free;

(7) Now, therefore, I, Stewart Bledsoe, director of the department of agriculture of the state of Washington, by virtue of the authority vested in me under chapters 17.24 and 15.49 RCW, after a public hearing held in Yakima, Washington on April 27, 1976, pursuant to chapters 34.04 and 42.32 RCW, do hereby proclaim and establish a quarantine to become effective June 11, 1976, setting forth the plant for which the quarantine is established, the area under quarantine, regulated area, regulated articles, and the conditions governing the importation and movement of seed stocks of all grass species into the regulated area.

NEW WAC 16-495-010 DEFINITIONS. (1) "Person" means a natural person, individual, firm, partnership, corporation, company, society, and association, and every officer, agent, or employee thereof. This term shall import either the singular or the plural as the case may be.

(2) "Director" means the director of the department of agriculture or his duly authorized representative.

(3) "Annual bluegrass" means Poa annua and all related subspecies.

(4) "Seed Stock" means those seeds which are planted for seed increase or with intent of seed increase.

(5) "Nursery" means an area of two acres or less in which grass for seed production is seeded in rows with twenty-four inch minimum spacings to facilitate roguing.

NEW WAC 16-495-020 REGULATED AREA. All areas of Washington lying east of the Cascade Crest.

NEW WAC 16-495-030 QUARANTINE AREA. All areas of Western Washington and all areas outside of the state of Washington.

NEW WAC 16-495-040 REGULATED ARTICLES. Seed stocks of all grass species except those kinds listed in the Quarantine procedures.

NEW WAC 16-495-050 CONDITIONS GOVERNING MOVEMENT OF REGULATED ARTICLES. (1) No seed stock shall be shipped, transported, or moved in, or into the regulated area on or after the effective date of this quarantine unless such seed stock is accompanied by a test report from an official laboratory showing the officially drawn sample is free of annual bluegrass on the basis of a minimum 25 gram analysis for bluegrasses and bentgrasses and a minimum of 50 gram analysis for other grasses: PROVIDED, That seed stock found to contain annual bluegrass may be planted in the regulated area if planted in a nursery under an inspection program as established by the state department of agriculture.

(2) This quarantine shall not apply to seed sown for forage or turf.

(3) This quarantine shall not apply: To experiments or trial grounds of the United States Department of Agriculture; to experiments or trial grounds of Washington State University Experiment Station; or to trial grounds of any person, firm, or corporation; provided said trail ground plantings are approved by the director and under supervision of technically trained personnel familiar with annual bluegrass control.

(4) Any person shipping, moving or transporting any seed stock for planting purposes in or into the regulated area that is not tagged with official "Annual Bluegrass Quarantine" tags shall forthwith notify the Department of Agriculture, 2015 S. 1st Street, Yakima, Washington 98903, in writing. Such notice of "seed stock" shall:

(a) State where and when seed stock can be officially sampled for the required annual bluegrass test; or

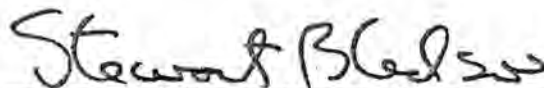
(b) Have attached a copy of the official laboratory analysis of an official sample showing freedom from annual bluegrass; or

(c) Be submitted with an official sample for testing.

NEW WAC 16-495-060 VIOLATIONS AND PENALTY. All violations of this order shall be dealt with according to the provision of RCW 17.24.100, making such violations a misdemeanor.

NEW WAC 16-495-070 EFFECTIVE DATE. This order shall take effect on and after the eleventh day of June, 1976.

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



STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/12/76

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
ORDER NO. 1468
(Supersedes Order 1248, 1308 & 1364)
Effective June 11, 1976

NEW WAC 16-495-005 PROMULGATION. (This promulgation relates to Orders 1248, 1308 and 1364, WAC 16-495-080 through WAC 16-495-105).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on April 27, 1976 do hereby promulgate the following regulations for implementing the bluegrass quarantine.

NEW WAC 16-495-080 ANNUAL BLUEGRASS QUARANTINE PROCEDURES. The following procedures will be followed in implementing the annual bluegrass (*Poa annua*) quarantine which specifies: Each lot of grass seed stock shipped, transported or moved in or into that area of the state of Washington lying east of the Cascade Divide shall be officially sampled by an approved representative of the Washington State Department of Agriculture and tested by an official seed laboratory for annual bluegrass (*Poa annua*).

NEW WAC 16-495-085 DEFINITIONS. (1) Annual bluegrass - *Poa annua* and all related subspecies.

(2) Seed stock - those seeds of grasses which are to be planted for seed increase or with intent of seed increase; except this definition does not include: Big Bluegrass, Upland Bluegrass, Bromegrasses, Tall Fescue, Meadow Fescue, Oatgrass, Orchardgrass, Ryegrass, Timothy, or Wheatgrass.

(3) Official Seed Laboratory - seed testing laboratory approved by the director, such as, but not limited to, Washington State Seed Lab, 2015 South 1st Street, Yakima, Washington; and Oregon State Seed Laboratory, Oregon State University, Corvallis, Oregon.

(4) Official Sample - sample drawn in accordance with sampling procedures adopted by the director.

(5) Annual Bluegrass Analysis Certificate - a test report from an official laboratory showing freedom from annual bluegrass of an official 25 gram sample for bluegrass; 50 gram sample for other grasses.

(6) Quarantine Tag - a tag issued by Washington State Department of Agriculture to be sealed to each bag showing said seed has met quarantine requirements.

NEW WAC 16-495-090 PROCEDURE FOR CLEARING. (1) Each person moving, shipping or transporting seed stock in or into the regulated area must:

(a) Submit an official laboratory analysis of an official sample showing freedom from annual bluegrass; or

(b) Have an official sample submitted for testing.

(2) Upon receipt of an official laboratory analysis showing freedom from annual bluegrass, the department of agriculture

will tag each bag of those lots found free of annual bluegrass by the required test with "Annual Bluegrass Quarantine" tag, stating said seed is eligible for planting in eastern Washington.

NEW WAC 16-495-095 SEED STOCK CONTAINING ANNUAL BLUEGRASS. Each lot of seed stock found to contain annual bluegrass shall be placed under "Stop Sale" to be released only for shipment out of the quarantine area of for planting in nurseries of two acres or less under the supervision of, and approved by, an agent of the Department of Agriculture. The nursery shall be seeded in rows with twenty-four inches minimum spacing. It shall be the duty of the person receiving such seed to rogue this increase area or chemically treat to eradicate the annual bluegrass thus assuring production of seed that is free of annual bluegrass. Seed increase areas shall be inspected by the department at least three times during the seedling year. Any areas not passing inspection shall not be harvested, but instead shall be destroyed by the person who planted the increase area upon order of the director of the Washington State Department of Agriculture or his agent. If not destroyed as directed, the Department of Agriculture shall have the plot destroyed and the grower shall be liable for all expenses.

NEW WAC 16-495-100 APPLICATION FOR NURSERY INSPECTION. A person shall make application for nursery inspection to the Department of Agriculture not later than 14 days prior to planting.

NEW WAC 16-495-105 FEES. (1) Fees for official sampling and analysis shall be that fee established by the director.
(2) Inspection fee for nursery plantings shall be \$50.00 per acre or portion thereof.
(3) The minimum fee shall be \$10.00 for each lot and first 20 quarantine tags. For lots requiring more than 20 tags, the fee shall be the minimum fee of \$10.00 plus 50¢ cwt.

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



STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 5/12/76