

TRANSMITTAL OF RULES ADOPTED

FROM: AGRICULTURE  
(Name of Agency)

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

The enclosed  Permanent rules <sup>1181 through 1189;</sup>  
 Emergency rules <sup>being order Nos. 1195; and 1196.</sup>

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

Seed Certification Standards (Orders 1181 through 1189);  
Bean Seed Quarantine (Order 1196); and  
Schedule of Laboratory Testing Fees (Order 1195).

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

pursuant to Notice No. 2979 <sup>①</sup> filed with the code reviser  
on 4/2/71 <sup>②</sup> were regularly adopted as permanent rules of this  
(date)  
agency at Olympia, Wa. on 4/16/71 and are herewith  
(place) (date)  
filed in the office of the code reviser pursuant to chapter 34.04  
RCW. The effective date of such rules shall be 5/16/71 <sup>③</sup>

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

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

Dated this 16th day of April 1971.

STATE OF WASHINGTON  
**FILED**  
APR 16 1971  
CODE REVISER'S OFFICE  
DOCKET # 3388 FILE # 22

AGRICULTURE  
(AGENCY)  
*[Signature]*  
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.

STATE OF WASHINGTON  
DEPARTMENT OF AGRICULTURE  
Order No. 1181  
(Supersedes Order 1148)  
Effective May 16, 1971

NEW WAC 16-316-0011 PROMULGATION. (This promulgation relates to Order 1148, WAC 16-316-0085 & 0086 as they apply to WAC 16-316-010).

I, Donald W. Moos, 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 Othello, Washington on March 24, 1971 do hereby promulgate the following regulations relating to general seed certification standards and hereby repeal Order 1148, WAC 16-316-0085, 0086, & WAC 16-316-010. WAC 16-316-100 through 215 is a readoption and amendment of the repealed WAC 16-316-010.

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 materials 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. was signed April 16, 1969, which designates the Washington State Crop Improvement Association, Inc., to act as the director's duly authorized agent for the purpose of certifying field peas, lentils, small grain, sorghum, and forest trees.

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

(4) The certification of horticultural plants or plant products shall be conducted by the Division of Plant Industry, State Department of Agriculture, Olympia, Washington.

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 variety review boards do exist, it is recommended that varieties be submitted for review 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 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, but shall not exceed two generations beyond foundation seed.

(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.

(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 or registered 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) Certification tags, labels, and seals must be obtained from the certifying agency and must be attached to seed containers under the supervision of or by a representative of the certifying agency.

(2) Certification tags or labels shall be attached to the container in a manner that prevents easy removal and reattachment.

(3) Methods of sealing will depend upon the type of containers used and method of handling.

(4) Certified seed bulk sale certificates may be used in lieu of tags 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 16-316-155 PENALTY. (1) Person or company found guilty of violation or misuse or abuse of these regulations shall be subject to prosecution under the Washington State Seed Law.

(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.

<u>English or Common Name</u>	<u>Botanical or Scientific Name</u>
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. Bieb.) 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.

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 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, county agents, 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.
- (b) Applications are due with a \$10.00 application fee within sixty days after planting. Applications may be accepted up to six months after planting, however, late applications (those received more than sixty days after planting) are assessed a \$10.00 late application fee.

- (c) Attach official tags from seed stock planted or other verification of seed stock used.

- (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): A producing application must be submitted each year a grower plans to produce seed for certification.

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

- (b) Attach official tags from seed stock planted or other verification of seed stock used.

(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.

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 on each bag or box he delivers to the processor.

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

(5) Obtain approval of the certifying agency to raise more than one variety of the same crop.

(6) Obtain approval of the certifying agency to ship seed eligible for certification out-of-state for processing. (Report forms available from Seed Branch, Box 617, Yakima).

- (a) Advise certifying agency of destination, shipping weight, lot number, field number, expected date of shipment and other information concerning shipment that may be deemed necessary.

- (b) Advise certifying agency date of arrival, receiving weight and lot number.

- (c) Upon completion of processing, advise certifying agency of clean weight, lot number, screenings weight, bag count and have a sample drawn by a representative of the certifying agency in that state and submit sample to Seed Branch, Box 617, Yakima for testing.

- (d) Washington certification tags and seals will be mailed to nearest representative of the certifying agency if interstate tags are not used.

- (e) Applicant is responsible for fees incurred under Washington's certification program and additional fees that may be assessed by any out-of-state cooperating agency.

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 while the crop is in blossom or when factors affecting certification are most evident.

(c) A field will not be eligible for certification unless a field inspection has been made.

(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) 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).

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 their plant to determine if they can be approved to process seed for certification. Upon approval their 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 Law.

(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.

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 put on all containers to insure identity when delivered to the cleaning plant.



(2) All seed for certification shall be packaged in clean, new containers of uniform weight and identified with a lot number when tagged and sealed.

(3) The required lot number shall identify the producer and year of production for each lot of seed. This requirement may be satisfied by use of a processor's code.

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 entire lot must be cleaned and in condition for sale at the time of sampling.

NEW

WAC 16-316-200 ANALYSIS AND DEFINITIONS. (1) Analysis of seed samples and definitions of analytical terms shall be in accordance with the rules of the Association of Official Seed Analysts as interpreted by the state and federal seed laws.

(2) Upon completion of the cleaning process at the cleaning plant, a representative of the certifying agency will obtain a sample of the seed for the purpose of making a purity and germination analysis at the seed laboratory.

NEW

WAC 16-316-205 WITHDRAWAL FROM CERTIFICATION. The applicant may withdraw a field from certification by notifying the certifying agency before the field is inspected. The acreage fee only is refundable.

NEW

WAC 16-316-210 OFFICIAL CERTIFICATION SEAL. When the purity and germination tests are completed and the seed is found to meet the required standards, certification tags shall be sealed to each bag with the official certification seal.

NEW

WAC 16-316-215 ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT CERTIFICATION SCHEME. (1) O.E.C.D. certification is an international certification scheme limited to Federal Government membership. O.E.C.D. certification is implemented in the United States in cooperation with participating states through memorandum of agreement with Agricultural Research Service, U.S.D.A.

(2) Only those crop varieties listed in O.E.C.D. publication "List of Cultivars Eligible for Certification Under O.E.C.D. Scheme" will be considered for O.E.C.D. certification in Washington.

(3) Seed stock of foreign origin must be officially sealed and carry the white "Basic Seed" tag to be eligible for O.E.C.D. certification. Seed stock of the United States varieties must be foundation class to be eligible for O.E.C.D. certification.

(4) All lots of "Basic Seed" to be used for planting stock must be sampled by the Washington State Department of Agriculture before seals are broken. If this procedure is not followed, the seed will lose its O.E.C.D. eligibility.

(5) Certification requirements as listed in Washington certification standards for each specific crop will be followed on all varieties: except, seed produced for foreign varieties grown under the O.E.C.D. scheme will be O.E.C.D. certified as to genetic purity only in regard to seed standards. Seed will not be required to meet Washington minimum purity or germination seed standards, however, all seed must be officially sampled and tested prior to tagging.

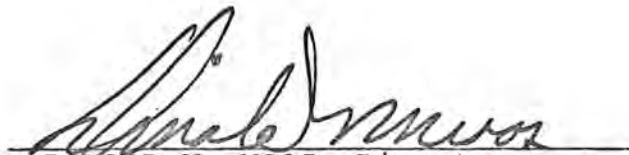
(6) O.E.C.D. tags will be printed and issued according to O.E.C.D. requirements, however, varieties entered in Washington Certification Program must meet Washington standards.

(7) A fee of \$10.00 for each O.E.C.D. Certificate and a service fee of 25¢ per cwt. for each lot of seed O.E.C.D. tagged shall be payable by the person requesting the O.E.C.D. certification.

REP

WAC 16-316-0085, 0086, and Order 1148 as they apply to WAC 16-316-010, and WAC 16-316-010 are hereby repealed.

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

  
DONALD W. MOOS, Director  
Department of Agriculture  
State of Washington

Signed at Olympia, Wa.

Date: 4/16/71

STATE OF WASHINGTON  
DEPARTMENT OF AGRICULTURE  
Order No. 1182  
(Supersedes Order 1148)  
Effective May 16, 1971

NEW

WAC 16-316-0012 PROMULGATION. (This promulgation relates to Order 1148, WAC 16-316-0085 & 0086 as they apply to WAC 16-316-020.)

I, Donald W. Moos, 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 Othello, Washington on March 24, 1971 do hereby promulgate the following regulations relating to alfalfa seed certification standards and hereby repeal Order 1148, WAC 16-316-0085, 0086, and WAC 16-316-020. WAC 16-316-220 through 250 is a readoption and amendment of the repealed WAC 16-316-020.

NEW

WAC 16-316-220 ALFALFA SEED CERTIFICATION STANDARDS. The general rules for seed certification are basic and together with the following specific regulations constitute the rules for alfalfa seed certification.

NEW

WAC 16-316-225 VARIETIES ELIGIBLE. Following are the varieties eligible and the certification scheme for each:

Alfa*P	DuPuits*P	Saranac*	WL-215*P
A-24**P	Glacier*P	Scout*P	520*P
Apex*P	Ladak**	Team*	525*P
Arnim*P	Ladak 65*P	Tempo*P	Thor*P
Atra-55*P	Lahontan*	Titan*P	WL-214*P
Cayuga*	Narragansett**	Vernal*	WL-202*P
Culver*	Norseman*P	Washoe*	WL-305*P
Dawson*	Ranger**	WL-210*P	Weevlcheck

\* 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.

P=Proprietary varieties.

NEW

WAC 16-316-230 CERTIFICATION FEES. (1) Seedling applications: (Due within sixty days after planting, however, acceptable up to six months after planting with late penalty fee.)

(a) Seedling application fee.....\$10.00

(b) Late penalty fee.....\$10.00

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

(c) Acreage fee.....\$ .50 per acre

(Applies only to seedling fields harvested for certified seed)

the year of planting.)  
(Refundable if acreage is withdrawn before inspection.) The certifying agency must be notified by July 31 of seedling fields that will be harvested for certification.

- (2) Renewal applications: (Due June 15)  
(Accepted until July 31 with late penalty fee)
  - (a) Renewal application fee.....\$10.00
  - (b) Acreage fee.....\$ .50 per acre  
(Refundable if acreage is withdrawn before inspection.)
  - (c) Late penalty fee.....\$10.00  
(This additional fee shall be charged for each renewal application received after June 15.)
- (3) Reinspection.....\$10.00 each  
(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.....\$ .15 per 100 lbs.
- (5) Tagging.....\$ .15 per 100 lbs.  
(The tagging fee is billed at completion of germination test and payable in advance of tagging. If a lot of seed is eligible for tagging and none of the seed is tagged, 10 cents of the 15 cents cwt. charged is refundable upon request. Request for this refund must be submitted by August 1 of the year following harvest.)
- (6) Purity & germination test.....Fees as established by the director of agriculture.
- (7) 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 16-316-235 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.

(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	150 feet	150 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 Registered	150 feet
Registered	Registered or Certified	50 feet
Certified	Certified	50 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 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 16-316-245 FIELD TOLERANCES SHALL BE AS FOLLOWS:

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

\* Alfalfa fields must be free of prohibited noxious weeds.

Purity		Foundation	Registered	Blue Tag 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:				
Max. Total		none	none	18 per lb.
-----				
<u>Germination</u>				
(Min. total germination and hard seed.)		80.00%	85.00%	85.00%

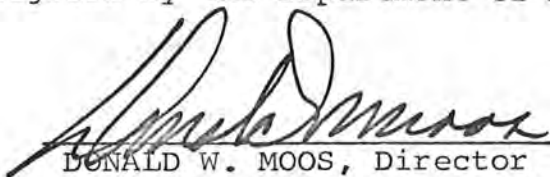
(2) Alfalfa seed must be free of prohibited noxious weed seeds.

(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.

REP

WAC 16-316-0085, 0086, and Order 1148 as they apply to WAC 16-316-020, and WAC 16-316-020 are hereby repealed.

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

  
 DONALD W. MOOS, Director  
 Department of Agriculture  
 State of Washington

Signed at Olympia, Wa.

Date: 4/14/71

STATE OF WASHINGTON  
DEPARTMENT OF AGRICULTURE  
Order No. 1183  
(Supersedes Order 1148)  
Effective May 16, 1971

NEW WAC 16-316-0013 PROMULGATION. (This promulgation relates to Order 1148, WAC 16-316-002, 0085, 0086, and 025).

I, Donald W. Moos, 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 Othello, Washington on March 24, 1971 do hereby promulgate the following regulations relating to bean seed certification standards and hereby repeal Order 1148, WAC 16-316-002, 0085, 0086, and 025. WAC 16-316-260 through 290 is a readoption and amendment of the repealed WAC 16-316-025.

NEW WAC 16-316-260 BEAN SEED CERTIFICATION STANDARDS. The general rules for seed certification are basic and together with the following specific regulations constitute the regulations for certification of bean seed.

NEW WAC 16-316-265 VARIETIES ELIGIBLE. (1)

Great Northern:	U of I numbers 31 and 123
Red Mexican:	U of I numbers 34,36, and Bigbend
Pinto:	U of I numbers 111 and 114
Pink:	Sutter
Small White:	#53
Kidney:	Royal Red
Snap Bean:	Yakima and Apollo

(2) As the list of eligible varieties is subject to change, other varieties may be eligible upon approval of the certifying agency.

(3) Planting stock for Bigbend Red Mexican, Royal Red Kidney Beans, and Yakima Snap Beans shall be foundation or registered class. Planting stock for other varieties may be foundation, registered, or certified blue tag class.

NEW WAC 16-316-270 CERTIFICATION FEES. (1) Application for certification: (Due July 1st, however, acceptable until July 15 with late penalty fee.)

- (a) Application fee.....\$10.00
- (b) Acreage fee.....\$ 1.00 per acre.  
(Refundable if acreage is withdrawn before inspection.  
\$.50 of the \$1.00 acreage fee is refundable if the third inspection was not made.)
- (c) Late penalty fee.....\$10.00  
(This additional fee shall be charged for each application received after July 1.)
- (2) Reinspection fee.....\$10.00

If a field is rejected from certification, for reasons other than bacterial diseases by the first or second inspection, the grower may apply for reinspection after the cause for rejection has been corrected.

- (3) Sampling fee.....\$ .03 per 100 lbs.  
(minimum fee \$5.00)
- (4) Tagging fee.....\$ .10 per 100 lbs.
- (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 estab-  
lished 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) 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.

(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) At least three field inspections will be made:

- (a) When the plants are at the third-leaf stage.
- (b) When the plants are grown.
- (c) When the crop is in the windrow.

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

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



Purity	Foundation	Registered	Blue Tag 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
-----			
<u>Germination</u> (minimum)		85%	85%

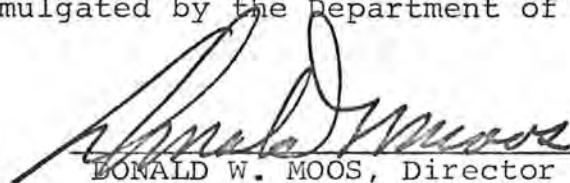
(2) Total inert matter, splits and cracks, and badly damaged shall not exceed 2% except for foundation seed.

(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.

REP WAC 16-316-002, 0085, 0086 and Order 1148 as they apply to WAC 16-316-025, and WAC 16-316-025 are hereby repealed.

I hereby certify that the foregoing is a true and correct copy of the regulations promulgated by the Department of Agriculture

  
DONALD W. MOOS, Director  
Department of Agriculture  
State of Washington

Signed at Olympia, Wa.

Date: 4/16/71

STATE OF WASHINGTON  
DEPARTMENT OF AGRICULTURE  
Order No. 1184  
(Supersedes Order 1148)  
Effective May 16, 1971

NEW WAC 16-316-0014 PROMULGATION. (This promulgation relates to Order 1148, WAC 16-316-0025, 0085, and 0086 as they apply to WAC 16-316-030).

I, Donald W. Moos, 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 Othello, Washington on March 24, 1971, do hereby promulgate the following regulations relating to grass seed certification standards and hereby repeal Order 1148, WAC 16-316-0025, WAC 16-316-0085, WAC 16-316-0086, and WAC 16-316-030. WAC 16-316-340 through 370 is a readoption and amendment of the repealed WAC 16-316-030.

NEW WAC 16-316-340 GRASS SEED CERTIFICATION STANDARDS. The general rules for seed certification are basic and together with the following specific regulations constitute the rules for grass seed certification.

NEW WAC 16-316-345 VARIETIES ELIGIBLE. Following are the varieties eligible and the certification scheme for each:

Big Bluegrass:	Sherman**
Kentucky Bluegrass:	Baron**, Delft*, Delta*, FS200**, Fylking (patented)**, Kenblue*, Cougar*, Merion**, Newport**, Nugget*, Pennstar*, Park**, Sodco*, Windsor (patented)*
Meadow Bromegrass:	Regar**
Smooth Bromegrass:	Baylor*, Carlton*, Manchar**, Sac*, Saratoga*
Fescue:	Chewings***, Barfalla Chewings**, Highlight Chewings*, Durar Hard**, Boreal Red*, Olds Red***, Pennlawn Red*, Alta Tall**, Fawn Tall*
Tall Oatgrass:	Tualatin**
Orchardgrass:	Latar**, Pennlate*, Potomac*
Perennial Ryegrass:	NK-100*, Norlea*, Pelo**
Timothy:	Clair**, Climax*, Essex*, Verdant*
Wheatgrass:	Whitmar Beardless**, Nordan Crested**, Amur Intermediate***, Greenar Intermediate**, Oahe Intermediate*, Tegmar Intermediate*, Greenleaf Pubescent*, Luna Pubescent**, Topar Pubescent**, Primar Slender**, Sodar Streambank**, Alkar Tall**, Siberian**

\*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 generation basis:  
Certified seed is eligible to produce certified seed.

NEW                    WAC 16-316-350 CERTIFICATION FEES. (1) Seedling applications: (Due within sixty days after planting, however, acceptable up to six months after planting with late penalty fee.)

- (a) Seedling application fee.....\$10.00
- (b) Late penalty fee.....\$10.00  
(This additional fee shall be charged for each seedling application received more than sixty days after planting.)
- (c) Seedling producing application fee.....\$10.00  
(This additional fee is required on all fields producing seed the year planted, and shall be due July 1.)
- (2) Renewal application: (Due May 15.)  
(Accepted until July 15 with late penalty fee)
- (a) Renewal application fee.....\$10.00
- (b) Late penalty fee.....\$10.00  
(This additional fee shall be charged for each renewal application received after May 15.)
- (3) Reinspection.....\$10.00 each.

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.....\$ .15 per 100 lbs.
- (5) Tagging and production fee.....\$ .35 per 100 lbs.
- (6) Purity & germination test.....Fees as established

by the director of agriculture.

(7) 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 16-316-355 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 the same species, sub-species, variety, or strain of grass during the preceding five years. The field must be planted in spaced rows and cultivated to maintain the rows.

(2) A field to be planted with foundation seed for the production of registered seed must not have grown or have been seeded to the same species, sub-species, variety, or strain of grass during the preceding three years.

(3) A field to be planted with foundation, registered, or certified seed for the production of certified seed must not have grown or have been seeded to the same species, sub-species, variety or strain of grass during the preceding year unless the previous planting was of the same species, sub-species, variety, or strain and eligible to produce foundation, registered or certified seed.

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

(5) Grasses growing in fence rows and other areas adjacent to the field must be controlled by methods that prevent blooming.

(6) Pennlate Orchardgrass shall not be eligible to produce certified seed after six years of vegetative growth excluding the seedling year. A breeder planting shall be eligible for foundation production for the first three years. Such plantings shall be reclassified to certified production for the last three years.

NEW

WAC 16-316-360 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:

Symbol for Type of Reproduction	Minimum Isolation Distance <u>Required for Fields Producing:</u>		
	Foundation	Registered	Certified
Strains at least 80% Apomictic - - - - A Highly Self-Fertile Species - - - - - S	165 feet	165 feet	16.5 feet clean fallow
All Cross Pollinated Species - - - - - C	900 feet	300 feet	150 feet

(2) Isolation required between different classes of the same variety of cross-pollinated (C) species.

Class Seed Planted	Class Seed Produced	Distance Required From Nearest Field Producing
Breeder	Foundation	Registered - - - 110 feet
"	"	Certified - - - 225 feet
Foundation	Registered	Certified - - - 110 feet

(3) Border removal for grass isolation: If it is not possible to provide minimum isolation distances for fields exceeding 5 acres in area, border removal is permitted. Border removal requires removal of the portion of the field being certified that is adjacent to the contaminating source. Minimum distances required for border removal are as follows:

<u>Border to be removed from the field being certified</u>	Minimum Isolation Distance <u>Required for Fields Producing:</u>		
	Foundation	Registered	Certified
0 ft.	900 ft.	300 ft.	150 ft.
15 ft.	450 ft.	150 ft.	75 ft.

(a) The grower must apply for certification of the entire field and before inspection clearly stake off the border removal portion.

(b) A reinspection will be required after harvest of the certified portion of the field.

(c) The border removal portion of the field may be harvested for uncertified seed under the following conditions:

(i) 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.

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

NEW WAC 16-316-365 FIELD TOLERANCES SHALL BE AS FOLLOWS: (1) Maximum other varieties permitted in fields producing:

Foundation: 0% Registered: 0.5% Certified: 1%

(2) Grass fields must be free of weed listed as prohibited noxious in the current general rules for seed certification.

NEW WAC 16-316-370 SEED STANDARDS FOR GRASSES SHALL BE AS FOLLOWS: (1)

Crop & its type of Reproduction	Symbol *	Min.% Germ Fndt.		Min.% Pure Fndt.		Max.% Inert Fndt.		Max.% Weeds (b)		Max.% Other Crop (a)		Max. No. seeds of other grass spp.	
		Reg.	Cert.	Reg.	Cert.	Reg.	Cert.	Reg.	Cert.	Reg.	Cert.	Fndt.	Reg.
Bluegrass													
Sherman	(A)	70	70	90	90	10	10	.05	.3	.03	.5	1/10 grams	1/1 grams
Ky. Type	(A)	80	80	97	97(d)	3	3	.05	.3	.03	.5	1/10 grams	1/1 grams
Merion	(A)	80	80	92	92(d)	8	8	.05	.3	.03	.5(d)	1/10 grams	2/1 grams
Smooth Brome	(C)	80	85	95	95	5	5	.05	.3(c)	.1	.5	1/50 grams	10/50 grams
Meadow Brome	(C)	80	85	95	95	5	5	.05	.3(c)	.1	.5	1/50 grams	10/50 grams
Fescue													
Alta	(C)	80	85	95	97	5	3	.03	.3	.1	.5	2/50 grams	10/50 grams
Hard Fescue	(C)	80	90	95	95	5	5	.03	.3	.1	.5	1/50 grams	5/50 grams
Other Fescue	(C)	80	90	98	98	2	2	.03	.3	.1	.5	1/50 grams	5/50 grams
Orchardgrass	(C)	80	85	85	90	15	10	.03	.3	.1	.5	3/50 grams	10/50 grams
				80 for Pennlate & Latat									
Tall Oatgrass	(C)	75	75	90	95	10	5	.1	.3	.1	.5	1/50 grams	10/50 grams
Ryegrass	(C)	85(f)	90(f)	96	98	4	2	.1	.3	.1	.5	1/50 grams	5/50 grams
Wheatgrass													
Beardless	(C)	80	85	90	90	10	10	.1	.3	.1(e)	.5	1/50 grams	5/50 grams
Intermediate	(C)	80	85	95	95	5	5	.1	.3	.1(e)	.5	1/50 grams	5/50 grams
Pubescent	(C)	80	85	95	95	5	5	.1	.3	.1(e)	.5	1/50 grams	5/50 grams
Streambank	(C)	80	85	90	90	10	10	.1	.3	.1(e)	.5	1/50 grams	5/50 grams
Crested	(C)	80	85	90	95	10	5	.1	.3	.1(e)	.5	1/50 grams	5/50 grams
Slender	(S)	80	85	90	95	10	5	.1	.3	.1(e)	.5	1/50 grams	5/50 grams
Tall	(C)	80	85	95	95	5	5	.1	.3	.1(e)	.5	1/50 grams	5/50 grams
Timothy	(C)	80	85	97	97	3	3	.1	.3	.1	.5	1/50 grams	5/50 grams

(a) Not to exceed twenty-five hundredths of one percent (.25%) other grass species for certified seed.

(b) Grass seed must not contain more than 45 per lb. for registered seed, 90 per pound for blue tag seed, singly or collectively, of objectionable weeds. (See current general rules.) Grass seed must be free of the seeds of prohibited noxious weeds.

(c) A tolerance of .5% will be allowed for samples containing weedy bromus spp., provided the total of all other weed seeds does not exceed .3%.

(d) A 3% tolerance of other Kentucky Bluegrass varieties will be allowed in Merion. In a Kentucky Bluegrass other than Merion, 2% of varieties other than the variety certified will be allowed.

(e) A tolerance of .8% will be allowed in registered and certified wheatgrass containing small grain seed providing the total of all other crop seed does not exceed .1% for registered class and .5% for certified class.

\* Symbols are defined in chart under WAC 16-316-360 ISOLATION REQUIREMENTS.

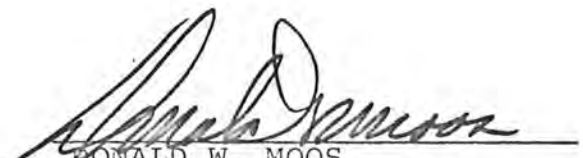
(f) Acceptable Maximum Fluorescence Allowed:

Variety	Foundation	Registered	Certified
NK-100	3 - 12%	----	3 - 12%
Norlea	2%	----	5%
Pelo	1%	2%	5%

REP

WAC 16-316-0025, 0085, 0086, and Order 1148 as they apply to WAC 16-316-030, and WAC 16-316-030 are hereby repealed.

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

  
DONALD W. MOOS  
Director of Agriculture  
State of Washington

Signed at Olympia, Wa.

Date: 4/16/71

STATE OF WASHINGTON  
DEPARTMENT OF AGRICULTURE  
ORDER No. 1185  
(Supersedes Order 1148)  
Effective May 16, 1971

NEW            WAC 16-316-0016 PROMULGATION. (This promulgation relates to Order 1148, WAC 16-316-0085, and WAC 16-316-0086 as they apply to WAC 16-316-060).

I, Donald W. Moos, 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 Othello, Washington on March 24, 1971, do hereby promulgate the following regulations relating to small grain seed certification standards and hereby repeal Order 1148, WAC 16-316-0085, WAC 16-316-0086, and WAC 16-316-060. WAC 16-316-520 through 570 is a readoption and amendment of the repealed WAC 16-316-060.

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 VARIETIES. (1) The varieties and stock seed eligible are as follows:

- (a) Barley    Belford, Gem, Heines Hanna, Hudson, Larker, Luther, Pirolina, Primus II, Steveland, Traill, Unitan, Vale 70, White Winter.
- (b) Oats       Cayuse, Harmon, Markton, Park.
- (c) Rye        Tetra Petkus.
- (d) Wheat     Baart, Burt, Federation, Gaines, Henry, Idaed 59, Luke, Marfed, McCall, Moro, Nugaines, Paha, Wanser, Yamhill.

Foundation seed is eligible to produce registered seed.

Registered seed is eligible to produce certified seed.

Certified seed is not eligible for recertification.\*

\* For those varieties of which the amount of foundation and registered seed is not adequate, certified seed may be accepted for planting to produce certified seed.

NEW            WAC 16-316-530 APPLICATION. (1) An application for seed certification for each field, accompanied by the application fee and the official certification labels or the certified seed sale certificate which were attached to the stock seed planted, must be filed with Washington State Crop Improvement Association, Inc. by June 1 for winter varieties and by July 1 for spring varieties. Late applications are acceptable from June 2 through July 15 for winter varieties and from July 2 through July 15 for spring varieties and must be accompanied by the late application fee.

(a) The application fee for each variety is \$10.00 for ten or fewer acres plus \$.50 for each additional acre. The late application fee is \$5.00 for each application.

(b) A field may be withdrawn from certification only upon written request by the applicant before field inspection. In such case, the application fee shall be refunded upon request.

(c) Harvest before field inspection causes forfeiture of both the application fee and completion of certification.

(d) The reinspection fee is \$10.00 for each field which did not pass field inspection.

(e) The final certification fee is \$.07 per cwt. of cleaned seed sampled. Effective in 1972, this fee shall be charged to the processing plant.

NEW

WAC 16-316-535 ELIGIBILITY. A seedcrop of small grains will be eligible for certification if planted on land on which the same kind of crop was not grown the previous year unless from certified seed of the same variety.

NEW

WAC 16-316-540 ISOLATION REQUIREMENTS. (1) Isolation requirements shall be as follows:

(a) Small grain seed fields for certification must be isolated by a three-foot margin from other small grain fields.

(b) Rye fields for certification must be isolated by six hundred sixty feet from rye fields grown from other than certified seed of the same variety.

NEW

WAC 16-316-545 FIELD TOLERANCES. Field tolerances shall be as follows:

Factor	Foundation	Registered	Certified
Other varieties* (Max.)	None	10 plants/acre	30 plants/acre
Other small grains* (Max.)	None	10 plants/acre	30 plants/acre
Rye in barley, oats or wheat	None	None	None
Vetch	None	None	None

\*effective 1972:

Other varieties (Max.)	None	5 plants/acre	15 plants/acre
Other small grains (Max.)	None	5 plants/acre	15 plants/acre



NEW WAC 16-316-550 SEED STANDARDS. Seed standards shall be as follows:

Factor		(White Tag) Foundation	(Purple Tag) Registered	(Blue Tag) Certified
Pure seed**	(Min.)	98.00%	98.00%	98.00%
Other distinguishable varieties	(Max.)	None	1/lb	4/lb
Inert matter**	(Max.)	2.00%	2.00%	2.00%
Other crop seed	(Max.)	None	0.05%	0.10%
Other small grains	(Max.)	None	1/lb	2/lb
Rye in barley, oats, or wheat		None	None	None
Vetch		None	None	None
Weed seed	(Max.)	None	0.05%	0.05%
Prohibited noxious		None	None	None
Objectionable and gromwell**	(Max.)	None	1/lb	3/lb
Wild oats**	(Max.)	None	None	1/lb
				3/lb oats, barley
Germination	(Min.)	85.00%	85.00%	85.00%

\*\*effective 1972:

Pure seed	(Min.)	99.00%	99.00%	99.00%
Inert matter	(Max.)	1.00%	1.00%	1.00%
Objectionable and gromwell	(Max.)	None	None	1/lb
Wild oats	(Max.)	None	None	None, except 1/lb barley, oats

#

NEW

WAC 16-316-555 MECHANICAL SAMPLING. Effective July 1, 1972, 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 a sampling fee to be established shall be charged to the processing plant.

NEW

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

NEW

WAC 16-316-565 CERTIFIED SEED SALE CERTIFICATE. A certified seed sale certificate or a copy of invoice showing variety and crop, certification class, pounds, field number, lot number, purchaser, vendor, and date may be accepted by certifying agency in lieu of certification labels where bagging and/or labeling and sealing is impracticable.

NEW

WAC 16-316-570 CLEANING, LABELING, AND SEALING. Cleaning, labeling, and sealing of certified seed is permitted by a grower who has his own cleaning equipment and processes only his own seed.

REP

WAC 16-316-0085, 0086, and Order 1148 as they apply to WAC 16-316-060, and WAC 16-316-060 are hereby repealed.

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



DONALD W. MOOS  
Director of Agriculture  
State of Washington

Signed at Olympia, Wa.

Date: 4/16/71

STATE OF WASHINGTON  
DEPARTMENT OF AGRICULTURE  
Order No. 1186  
(Supersedes Order 1148)  
Effective May 16, 1971

NEW            WAC 16-316-0017 PROMULGATION. (This promulgation relates to Order 1148, WAC 16-316-0086, and 0087 as they apply to WAC 16-316-080.)

I, Donald W. Moos, 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 Othello, Washington on March 24, 1971 do hereby promulgate the following regulations relating to sod quality certified seed standards and hereby repeal Order 1148, WAC 16-316-0086, 0087, and WAC 16-316-080. WAC 16-316-610 through 635 is a readoption and amendment of the repealed WAC 16-316-080.

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 **	95%	80%	0.1% **	0.03%
Other varieties of Kentucky Bluegrasses **	97%	80%	0.1% **	0.03%
Red Fescue	98%	90%	0.1%	0.03%
Chewings Fescue	98%	90%	0.1%	0.03%

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

\*\* Other Kentucky bluegrass - Maximum 2%.  
Canada bluegrass - Maximum 0.1%.

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


NEW WAC 16-316-625 SOD SEED ANALYSIS CERTIFICATE. A sod seed analysis certificate, which is a 25 gram purity and includes noxious, all weed, all crop, 10 gram Poa annua check, and germination, will be the basis of determining seed standards.

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.

REP WAC 16-316-0086, 0087, and Order 1148 as they apply to WAC 16-316-080, and WAC 16-316-080 are hereby repealed.

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

  
DONALD W. MOOS  
Director of Agriculture  
State of Washington

Signed at Olympia, Wa.

Date: 4/14/71

STATE OF WASHINGTON  
DEPARTMENT OF AGRICULTURE  
Order No. 1187  
(Supersedes Order 1148)  
Effective May 16, 1971

NEW

WAC 16-316-0018 PROMULGATION. (This promulgation relates to Order 1148, WAC 16-316-008, 0085, and 0086 as they apply to WAC 16-316-085).

I, Donald W. Moos, 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 Othello, Washington on March 24, 1971, do hereby promulgate the following regulations relating to crownvetch, white clover, and trefoil seed certification standards and hereby repeal Order 1148, WAC 16-316-008, WAC 16-316-0085, WAC 16-316-0086, and WAC 16-316-085. WAC 16-316-650 through 680 is a readoption and amendment of the repealed WAC 16-316-085.

NEW

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

NEW

WAC 16-316-655 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\*\*  
Viking Birdsfoot Trefoil\*\*

\*Certified on a limited generation basis where:  
Foundation seed is eligible to produce certified seed;  
Certified seed is not eligible for recertification.

\*\*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.

NEW

WAC 16-316-660 CERTIFICATION FEES. (1) Seedling applications: (Due within sixty days after planting, however, acceptable up to six months after planting with late penalty fee.)

- (a) Seedling application fee.....\$10.00
- (b) Late penalty fee.....\$10.00

(This additional fee shall be charged for each seedling application received more than sixty days

- after planting.)
- (c) Acreage fee.....\$ .50 per acre  
(Applies only to seedling fields harvested for certified seed the year of planting.)  
(Refundable if acreage is withdrawn before inspection.)  
The certifying agency must be notified by July 31 of seedling fields that will be harvested for certification.
  - (2) Renewal applications: (Due June 15)  
(Accepted until July 31 with late penalty fee)
    - (a) Renewal application fee.....\$10.00
    - (b) Acreage fee.....\$ .50 per acre  
(Refundable if acreage is withdrawn before inspection.)
    - (c) Late penalty fee.....\$10.00  
(This additional fee shall be charged for each renewal application received after June 15.)
  - (3) Reinspection.....\$10.00 each.  
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.....\$ .15 per 100 lbs.
  - (5) Tagging.....\$ .15 per 100 lbs.  
The tagging fee is billed at completion of germination test and payable in advance of tagging. If a lot of seed is eligible for tagging and none of the seed is tagged, 10 cents of the 15 cents cwt. charged is refundable upon request. Request for this refund must be submitted by August 1 of the year following harvest.
  - (6) Purity and germination test.....Fees as established by the director of agriculture.
  - (7) 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 16-316-665 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	150 feet	150 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 )	150 feet
	Registered )*	
Registered	Registered or )	50 feet
	Certified )	
Certified	Certified	50 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.

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

\*Fields must be free of prohibited noxious weeds.

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

	CROWNVETCH		WHITE CLOVER		TREFOIL		
	Found	Cert.	Found	Cert.	Found	Req.	Cert.
Pure Seed (Min)	95 %	95 %	98 %	99 %	98 %	98 %	99 %
Other Crop (Max)	0.1%	1 %	0.1%	0.3%	0.1%	0.2%	0.5%
Inert (Max)	5 %	5 %	2 %	2 %	2 %	2 %	1 %
Weed Seed (Max)	0.1%	0.5%	0.1%	0.3%	0.2%	0.25%	0.3%
Sweet Clover (Max)	None	90/lb.	---	---	None	9/lb.	90/lb.
Objectionable							
Weed Seeds (Max)	27/lb.	90/lb.	10/lb.	90/lb.	None	45/lb.	90/lb.
Germination (Min)	65 %	65 %	85 %	85 %	85 %	85 %	85 %
(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.

REP

WAC 16-316-008, WAC 16-316-0085, WAC 16-316-0086, and Order 1148 as they apply to WAC 16-316-085, and WAC 16-316-085 are hereby repealed.

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

  
DONALD W. MOOS  
Director of Agriculture  
State of Washington

Signed at Olympia, Wa.

Date: 4/16/70



STATE OF WASHINGTON  
DEPARTMENT OF AGRICULTURE  
Order No. 1188  
(Supersedes Order 1114)  
Effective May 16, 1971

NEW

WAC 16-316-0019 PROMULGATION. (This promulgation relates to Order 1114 and WAC 16-316-0095 as they apply to WAC 16-316-095.)

I, Donald W. Moos, 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 Othello, Washington on March 24, 1971 do hereby promulgate the following regulations relating to lentil seed certification standards and hereby repeal Order 1114, WAC 16-316-0095 and WAC 16-316-095. WAC 16-316-690 through 725 is a readoption and amendment of the repealed WAC 16-316-095.

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 VARIETY ELIGIBLE. Following is the variety eligible and the certification scheme:

Tekoa

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 16-316-700 CERTIFICATION FEES. (1) Application for certification: (Due June 1, however, acceptable until July 15 with late penalty fee.)

(a) Application fee.....\$10.00 for ten or fewer acres plus \$.50 for each additional acre. (A field may be withdrawn from certification only upon written request by the applicant before field inspection. In such case, the application fee shall be refunded upon request. Harvest before field inspection causes forfeiture of both the application fee and completion of certification.)

(b) Late application fee.....\$ 5.00

(2) Reinspection fee.....\$10.00 for each field which did not pass field inspection.

(3) Final certification fee.....\$ 0.07 per cwt. of clean seed sampled.

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 number of previous years as follows:

<u>Foundation:</u>	<u>Registered:</u>	<u>Certified:</u>
10 years	5 years	3 years

NEW

WAC 16-316-710 ISOLATION REQUIREMENTS. Lentil seedfields for certification must be isolated from other lentil fields by three hundred feet for foundation class, and by twenty feet for registered and certified classes.

NEW

WAC 16-316-715 FIELD STANDARDS SHALL BE AS FOLLOWS: (1) Roguing to remove varietal and species mixtures is required.  
 (2) Prohibited noxious weeds must be prevented from flowering.  
 (3) The field inspection will be made when the seedcrop is in full bloom.

NEW

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

<u>Factor</u>	<u>Foundation</u>	<u>Registered</u>	<u>Certified</u>
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 SHALL BE AS FOLLOWS:

<u>Factor</u>	<u>Foundation</u>	<u>Registered</u>	<u>Certified</u>
Pure seed (Min.)	99.00%	99.00%	99.00%
Other distinguishable varieties (Max.)	0.50%	0.50%	0.50%
Inert matter (Max.)	1.00%	1.00%	1.00%
Other crop seed	None	0.05%	0.10%
Weed seed	None	0.05%	0.05%
Germination (Min.)	85.00%	85.00%	85.00%

REP

WAC 16-316-0095 and Order 1114 as they apply to WAC 16-316-095, and WAC 16-316-095 are hereby repealed.

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

A handwritten signature in cursive script, appearing to read "Donald W. Moos", is written over a horizontal line.

DONALD W. MOOS  
Director of Agriculture  
State of Washington

Signed at Olympia, Wa.

Date: 4/16/71

STATE OF WASHINGTON  
DEPARTMENT OF AGRICULTURE  
Order No. 1189  
(Amending Order 1151)  
Effective May 16, 1971

NEW

WAC 16-319-004 PROMULGATION. (This promulgation relates to Order 1151 and WAC 16-319-041 only.)

I, Donald W. Moos, 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 Othello, Washington on March 24, 1971, do hereby amend the following regulation relating to the application for seed certification.

AMD

WAC 16-319-041 APPLICATION FOR SEED CERTIFICATION. (1)  
The conditions of applicant's submittal and of certifying agency's acceptance of application are:

(a) All seed acquired or distributed by applicant is subject to audit.

(b) Applicant is and shall be responsible for payment of fees for certification of seed services.

(c) Applicant shall furnish and use labels and records satisfactory to certifying agency.

(d) Certifying agency reserves the right to refuse certification of seed service to applicant.

(e) Application for audit certificate seed shall be filed with certifying agency of state in which warehouse is located.

(2) The application with fees for current year's crop shall be received by certifying agency from applicant by September 1 or in any event not later than three days prior to initiation of cone collection.

(3) Schedule of fees. Fees may be adjusted if certifying agency determines that costs are significantly more or less than anticipated, provided that increases shall not exceed 25 percent of following schedules.

(a) In the event certification of seed service for certified and selected seed is requested, said service when provided shall be on cost basis.

(b) The fee for source identified seed is \$ .50 per bushel of cones collected, of which 60 percent shall be paid with application, and of which 40 percent shall be paid when processing is complete.

(c) The fee for audit certificate seed is:

(i) Cost of initial audit for current year's crop at the rate of \$12.50 per hour job time.

(ii) Plus \$ .05 per pound for all seed from 1968 and subsequent crops sold or entering commerce, which shall be paid periodically.

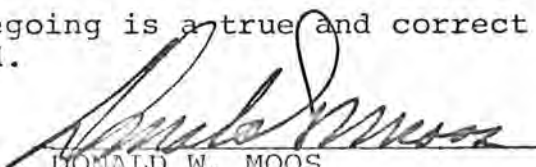
(d) The fee for audit of seed not entered for certification of seed service is at the rate of \$12.50 per hour limited only to job time required by and satisfactory to certifying agency to exercise said audit simultaneously with audit of seed for which applicant has requested certification of seed service.

(e) Services other than field inspection, plant/warehouse inspection, and audit may be provided on cost basis.

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

Signed at Olympia, Wa.

Date: 4/16/71

  
DONALD W. MOOS  
Director of Agriculture  
State of Washington



STATE OF WASHINGTON

OFFICE OF THE GOVERNOR

OLYMPIA

DANIEL J. EVANS  
GOVERNOR

A PROCLAMATION BY THE GOVERNOR

WHEREAS, the bacterial diseases known as: Halo Blight Pseudomonas medicaginis var. phaseolicola (Burk.) Dows., Common Bean Blight Xanthomonas phaseoli (E.F.Sm.) Dows., Fuscous Blight Xanthomonas phaseoli var. fuscans (Burk.), Bean Bacterial Wilt Corynebacterium flaccumfaciens (Hedges) Dows., and any new strains or variations of the above disease hereinafter referred to as bacterial diseases are injurious to the species of beans (Phaseolus sp.); and

WHEREAS, when common beans are infected with the said bacterial diseases their production is greatly reduced and their use for seed purposes would further spread the infection; and

WHEREAS, a quarantine will be effective in preventing the introduction of said bacterial diseases of beans into all counties East of the Cascade Crest; and

WHEREAS, control of the said bacterial diseases of beans will provide the common bean growers of the state of Washington with a source of common beans for planting purposes which are disease free;

NOW, THEREFORE, I, Daniel J. Evans, Governor of the State of Washington, do hereby proclaim and establish a quarantine to become effective May 16, 1971, setting forth the name of the diseases for which the quarantine is established, the area under quarantine, the regulated area, regulated articles, and the conditions governing the importation and movement of common beans into the regulated area.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the State of Washington to be affixed at Olympia, this 16th day of April, A.D., nineteen hundred and seventy-one

Governor of the State of Washington

BY THE GOVERNOR:

  
Secretary of State

STATE OF WASHINGTON  
DEPARTMENT OF AGRICULTURE  
Order No. 1196  
(Supersedes Order 1077)  
Effective May 16, 1971

AMD

WAC 16-494-001 PROMULGATION. ESTABLISHING QUARANTINE.

(1) Whereas, the bacterial diseases known as: Halo Blight Pseudomonas medicaginis var. phaseolicola (Burk.) Dows., Common Bean Blight Xanthomonas phaseoli (E.F.Sm.) Dows., Fuscous Blight Xanthomonas phaseoli var. fuscans (Burk.), Bean Bacterial Wilt Corynebacterium flaccumfaciens (Hedges) Dows., and any new strains or variations of the above disease hereinafter referred to as bacterial diseases are injurious to the species of beans (Phaseolus sp.); and

(2) Whereas, when common beans are infected with the said bacterial diseases their production is greatly reduced and their use for seed purposes would further spread the infection; and

(3) Whereas, a quarantine will be effective in preventing the introduction of said bacterial diseases of beans into all counties East of the Cascade Crest; and

(4) Whereas, control of the said bacterial diseases of beans will provide the common bean growers of the state of Washington with a source of common beans for planting purposes which are disease free;

(5) Now, therefore, I, Donald W. Moos, director of the department of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 17.24 RCW relating to insect pest and plant diseases, do hereby proclaim and establish a quarantine to become effective May 16, 1971, setting forth the name of the diseases for which the quarantine is established, the area under quarantine, the regulated area, regulated articles, and the conditions governing the importation and movement of common beans into the regulated area.

AMD

WAC 16-494-020 QUARANTINE AREA. All counties of the state of Washington, except those counties east of the Cascade Crest, and all areas outside the state of Washington.

AMD

WAC 16-494-030 REGULATED AREA. All counties east of the Cascade Crest.

AMD

WAC 16-494-040 CONDITIONS: (1) No beans shall be planted in the regulated area which are found to be or are known to be contaminated with the aforementioned diseases.  
(2) No common beans or Azuki beans (Phaseolus angularis) shall be shipped, transported, or moved into the regulated area for planting on or after the effective date of this quarantine unless such beans are accompanied by an origin Phyto-Sanitary Certificate showing that such common beans are free from the aforementioned diseases on the basis of at least one field inspection and one windrow inspection; PROVIDED, That the requirement for the windrow inspection portion of the Phyto-Sanitary Certificate requirement may be waived when:  
(a) The bean seed is accompanied by an official certificate, issued by an approved testing agency stating such bean seed is free from the aforementioned diseases, based on

an approved laboratory and/or greenhouse test, of a 5# sample from each 10,000# or fraction thereof and/or any other methods approved by the director, and when:

(b) Said bean seed is planted only in fields entered into either the Washington State Seed Certification program or the Washington State Bean Seed Phyto-Sanitary Certificate program.

(3) The requirement for a Phyto-Sanitary Certificate will be waived for Pinto, Red Mexican, Great Northern, California Pink, California Small White, and Flat Small White beans grown west of the Continental Divide, when the seed is accompanied by an official certificate, issued by an approved testing agency stating such bean seed is free from the aforementioned diseases, based on an approved laboratory and/or greenhouse test, and/or any other methods approved by the director. Each planting made from said bean seed shall be reported to the director who shall have authority to enter and inspect said field.

(4) This quarantine shall not apply to the shipment, movement, or transportation of beans prepackaged in packages of eight ounces or less for home garden use in the said regulated area if, as far as known, said beans are free of bacterial diseases.


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

(6) Any person prior to shipping, moving, or transporting any common beans for planting purposes into the regulated area shall forthwith notify the department of agriculture in writing of such person's intent to ship, move, or transport any common beans into said regulated area. Such notice of intent shall be accompanied by a copy of the Phyto-Sanitary Certificate issued for such common beans.

AMD

WAC 16-494-060 EFFECTIVE DATE. This order shall take effect on and after the sixteenth day of May, 1971.

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



DONALD W. MOOS

Director of Agriculture  
State of Washington

Signed at Olympia, Wa.

Date: 4/16/71

STATE OF WASHINGTON  
DEPARTMENT OF AGRICULTURE  
Order No. 1195  
(Supersedes Order 1115)  
Effective May 16, 1971

AMD            WAC 16-304-002 PROMULGATION. (This promulgation relates to Order 1115, WAC 16-304-040 and 050).

I, Donald W. Moos, 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 Othello, Washington on March 24, 1971, do hereby promulgate the following regulations relating to testing of seeds and amend WAC 16-316-040 and WAC 16-316-050 and Order 1115.

AMD            WAC 16-304-040 SCHEDULE OF LABORATORY CHARGES. (1) Testing fees shall be as follows:

	PUR (a)	NOX (b)	PUR/ NOX (c)	GERM (d)	PUR/ GERM (e)	PUR/ GERM/NOX (f)
Bentgrass/Bluegrass *....	\$4.00	\$3.00	\$6.50	\$4.50	\$8.50	\$11.00
Orchardgrass, Wheatgrass, Bromegrass.....	5.00	3.00	7.00	3.50	8.50	10.50
Other Grasses.....	4.00	3.00	6.00	3.50	7.50	9.50
Other Crops.....	3.00	2.50	4.50	3.50	6.50	8.00
Mixture (for each additional kind).....	\$3.00			3.00		

\*Separation of other varieties..... 2.50  
(Required when labeling Bluegrass and/or Bentgrass by variety name.)

(a) Purity - analysis report shows percent pure, crop, inert, and weeds based on working sample as prescribed by Federal Seed Act. (Example: 1 gram - bluegrass; 5 grams - alfalfa; 100 grams - wheat).

(b) Noxious - bulk sample examined for weed seeds noxious in the state of Washington. Minimum sample size as prescribed by Federal Seed Act. (Example: 10 grams - bluegrass; 50 grams - alfalfa; 500 grams - wheat).

(c) Purity and noxious - includes both a and b.

(d) Germination - test based on 400 seeds.

(e) Purity and germination - includes both a and d.

(f) Purity, germination, and noxious - includes a, b, and d. This combination of tests provides the information needed to label seed as required by the Seed Act.

(2) Special tests:

(a) All crop - all weeds - 25 grams.....\$ 5.00  
50 grams.....\$ 8.00

(All crop seeds and weed seeds in sample examined are listed as number per pound when requested in addition to noxious weed examination).

(b) Poa annua check - each 5 grams bluegrass.....\$ 4.00  
each 10 grams other grasses...\$ 4.00

(Each sample is examined under magnification for Poa annua).

(c) Sod seed analysis (includes Poa annua check)...\$19.00

(A special test of importance to sod growers, golf superintendents, and others who need a detailed examination of seed before purchase and/or use). (Includes purity, noxious, all



weed, all crop, 10 gram Poa annua check).

(d) Fluorescent test.....\$ 3.00  
(Test to measure percent annual ryegrass).

(e) Tetrazolium test	200 seeds	100 seeds
Cereals and Legumes	\$5.00	\$3.00
Other Crops	8.00	5.00

(A 24-hour chemical test that measures viability and germination potential. A germination test should also be obtained).

(f) For a service requested that is not listed, the most appropriate fee will be used. All testing service provided will be at a minimum of \$7.00 per hour.

(3) Inventory testing for germination.

(a) Only acceptable in quantities of 10 samples at one time.

(b) Reports will not be mailed until all tests are completed.

(c) Samples must be plainly labeled "Inventory Samples".

(d) Samples will be reported according to the sender's designation. The laboratory will assume no responsibility for correct seed identification. These samples and tests will not become a part of our permanent record.

(e) The fee for this service will be one-half the regular germination fee.

(f) Inventory testing for germination will be run as germinator space is available, with the understanding that regular service samples have priority.

(4) Miscellaneous testing fees shall be as follows:

(a) Rush samples for purity.....\$2.50

(b) Bean test plot examination for mosaic.....\$5.00

(c) Additional statements on purity and/or germination report.....\$2.00 extra

(d) Preliminary report.....½ established fee

AMD

WAC 16-304-050 MISCELLANEOUS CHARGES. (1) Sanitary certificates.....\$5.00

(2) Copies of reports in excess of two.....\$ .25

(3) Recopies of reports after original typing...\$1.00

(4) Service sampling or similar service: The fee shall be 10¢ per cwt. for each service rendered. Tagging and sealing or similar service: the fee shall be 15¢ per cwt. A minimum fee of \$10.00 will be charged for any one service. (This fee shall include one original and two copies of reports).

(5) Checkweighing, checkloading, or similar service: A minimum fee of \$10.00, or \$7.00 per man hour. If requested to make a special trip to provide a service, the person requesting this service will be charged at the rate of \$7.00 per hour plus 12¢ per mile, or mileages set by statute for travel time plus the specific fee for that service. All standby time shall be charged at the rate of \$7.00 per man hour.

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



DONALD W. MOOS  
Director of Agriculture  
State of Washington

Signed at Olympia, Wa.

Date: 4/16/71