

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. 1408 - 1420
Emergency rules

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

Seed certification standards for various seed varieties including bentgrass, grass crownvetch, trefoil & white clover, alfalfa, beans, foundation, soybean, small grain; adding prohibited noxious weed varieties and changing requirements for Phyto-Sanitary Certificates.

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

pursuant to Notice No. 5327 ① filed with the code reviser on 7/9/75 ② were regularly adopted as permanent rules of this agency at Olympia, Washington on 8/15/75 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 9/15/75 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 Fifteenth day of August 1975.

STATE OF WASHINGTON
FILED
AUG 15 1975
CODE REVISER'S OFFICE
DOCKET 6674 FILE # 28

AGRICULTURE
(AGENCY)
Stewart Bledsoe
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. 1408
(Amends Order 1303)
Effective September 15, 1975

NEW WAC 16-316-0031 PROMULGATION. (This promulgation relates to Order 1303 and WAC 16-316-650, 655 and 670).

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 July 30, 1975 do hereby promulgate the following regulations relating to crownvetch, white clover and trefoil seed certification standards.

AMD 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.

AMD 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 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, 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.

REP WAC 16-316-655 is hereby repealed.

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: 8/15/75

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1409
(Amends Order 1359)
Effective September 15, 1975

NEW WAC 16-316-0032 PROMULGATION. (This promulgation relates to Order 1359 and WAC 16-316-240).

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 July 30, 1975 do hereby promulgate the following regulation relating to alfalfa seed certification standards.

AMD 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 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.

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: 8/15/75

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1410
(Amends Order 1251)
Effective September 15, 1975

NEW WAC 16-316-0033 PROMULGATION. (This promulgation relates to Order 1251 and WAC 16-316-320).

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 July 30, 1975 do hereby promulgate the following regulation relating to the issuance of phyto-sanitary certificates.

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

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

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

(5) Due to unforeseen situations, additional land and/or production requirements may be adopted after consultation with industry representative and area specialist.

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



STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Dated: 8/15/75

STATE OF WASHINGTON
 DEPARTMENT OF AGRICULTURE
 Order No. 1411
 (Amends Order 1360)
 Effective September 15, 1975

NEW WAC 16-316-0034 PROMULGATION. (This promulgation relates to Order 1360, WAC 16-316-270 and 280).

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 July 30, 1975 do hereby promulgate the following regulations relating to the standards for certification of bean seed.

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

- (a) Application fee.....\$10.00
- (b) Acreage fee:
 - (i) Two inspections.....\$ 0.50 per acre
(for certification of Great Northern, Red Mexican, Pinto and Pink Beans)
 - (ii) Three inspections.....\$ 1.00 per acre
(includes windrow inspection which is required for:
 - a. Certification of snap beans, small white, and kidney beans;
 - b. Phyto-Sanitary Certificates;
 - c. To qualify for shipment into Idaho).
 (Acreage fee is refundable if acreage is withdrawn before inspection. \$.50 of \$1.00 acreage fee is refundable if the third inspection is 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.....\$ 0.03 per 100 lbs.
(minimum fee \$5.00)
- (4) Tagging fee.....\$ 0.10 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 established by the director of agriculture.

AMD 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
Anthracoese	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.

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: 8/15/75

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1412
(Supersedes Order 1256)
Effective September 15, 1975

NEW WAC 16-316-0035 PROMULGATION. (This promulgation relates to Order 1256 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 July 30, 1975 do hereby promulgate the following regulation relating to the foundation seed certification standards.

NEW WAC 16-316-575 FOUNDATION SEED CERTIFICATION STANDARDS.

(1) Seed to be eligible for foundation certification 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, must 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 Seed Branch for approval prior to planting. 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) Application for Certification. (Refer to specific crop certification regulations). Seedling applications must be submitted within 60 days after planting. Renewal applications must be filed by the due date listed in the specific certification regulations.

(c) Field Inspection. The seedling inspections will be made as soon as possible after receipt of request for certification. Field inspections will be made of producing fields at a time most advantageous for the specific crop.

(d) Combine Inspection. The combine must be inspected prior to harvesting foundation 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.

(e) Processing Plant Inspection. The processing plant must be inspected before processing foundation seed and periodic inspections will be made during processing. Submit request to the certifying agency. Fee - \$10.00.

(f) Recleaning, Rebagging, etc. Recleaning, rebagging, preinoculation, treating, or other processes must be approved and supervised by a representative of the certifying agency. Approval must be obtained before the seal is broken and the seed must be retagged and resealed on completion.

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


STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 8/15/75

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1413
(Amends Order 1149)
Effective September 15, 1975

NEW WAC 16-300-003 PROMULGATION. (This promulgation relates to Order 1149, WAC 16-300-010 and 020 and WAC 16-317-070 of Order 1123).

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 July 30, 1975 do hereby amend Order 1149, WAC 16-300-010 and 020 and repeal WAC 16-317-070 of Order 1123.

AMD WAC 16-300-010 PROHIBITED NOXIOUS WEED SEEDS. (1) Prohibited (primary) noxious weed seeds are the seeds of weeds which when established are highly destructive, competitive and/or difficult to control by cultural or chemical practices.
(2) It shall be unlawful for any person to distribute mislabeled seed. Seed shall be deemed to be mislabeled if it consists of or contains any of the prohibited noxious weed seeds listed below.

<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 arvense (L.) Scop.
Hairy whitetop	Cardaria pubescens (C.A. Mey.)
Hoary cress	Cardaria draba (L.) Desv.
Leafy spurge	Euphorbia esula L.
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 alnum, and perennial sweet sudangrass	Sorghum spp.
Tansy ragwort	Senecio jacobaea L.
Yellow-flowering skeleton weed	Chondrilla juncea L.

AMD WAC 16-300-020 RESTRICTED NOXIOUS WEED SEEDS. (1) Restricted (secondary) noxious weed seeds are the seeds of weeds which are objectionable in fields, lawns, and gardens of this state, but which can be controlled by cultural or chemical practices.

(2) It shall be unlawful for any person to distribute mislabeled seed. Seed shall be deemed to be mislabeled if it consists of or contains any of the restricted noxious weed seeds listed below in excess of the number declared on the label.

English or Common Name

Botanical or Scientific Name

Bermudagrass	Cynodon dactylon (L.) Pers.
Blue lettuce	Lactuca pulchella (Pursh.) DC.
Docks and Sorrel	Rumex spp.
Dodder	Cuscuta spp.
Field pennycress (fanweed)	Thlaspi arvense
Field sandbur	Cenchrus pauciflorus Benth.
Gromwell (only in small grain)	Lithospermum arvense
Halogeton	Halogeton glomeratus (M.Bieb.) C.A. Mey.
Diffuse knapweed	Centaurea diffusa Lam.
Spotted knapweed	Centaurea maculosa Lam.
Medusahead	Elymus caput-medusae L. or Taeniatherum asperum (Sim.) Nevski
Pacific Meadow-foxtail	Alopecurus myosuroides Huds. Fl. Angl.
Plantains	Plantago spp.
Poverty weed	Iva axillaris Pursh.
Puncturevine	Tribulus terrestris L.
Rye (only in other small grain)	Secale cereale
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.

REP

WAC 16-317-070 of Order 1123 is hereby repealed.

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: 8/15/75

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1414
(Amends Order 1375)
Effective September 15, 1975

NEW WAC 16-316-0037 PROMULGATION. (This promulgation relates to Order 1375, WAC 16-316-905 and 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 July 30, 1975 do hereby promulgate the following regulations relating to the certification of soybean seed.

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

Kind

Variety

Soybean

Ada, Evans, Merit, Norman, Wilkin

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.

AMD 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
Director of Agriculture

Signed at Olympia, WA

Date: 8/15/75

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1415
(Amends Order 1367)
Effective September 15, 1975

NEW

WAC 16-316-0037 PROMULGATION. (This promulgation relates to Order 1367, WAC 16-316-525, 545, 550 and 565).

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 July 30, 1975 do hereby promulgate the following rules for small grain seed certification.

AMD

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, Prodax (P), Prospur (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.

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.

*Foundation seed is eligible to produce certified seed only; (not registered).

AMD

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 flowering prohibited noxious weeds or excess objectionable or common weeds, or such as mechanical field mixing, shall be cause for rejection.

AMD 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%

AMD 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.

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: 8/15/75

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1416
(Amends Order 1366)
Effective September 15, 1975

NEW

WAC 16-316-0038 PROMULGATION. (This promulgation relates to Order 1366, 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, and due notice as provided under chapter 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on July 30, 1975 do hereby promulgate the following regulation relating to the rules for field pea seed certification.

AMD

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
Director of Agriculture

Signed at Olympia, WA

Date: 8/15/75

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1417
(Amends Order 1368)
Effective September 15, 1975

NEW WAC 16-316-0038 PROMULGATION. (This promulgation relates to Order 1368, 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 July 30, 1975 do hereby promulgate the following regulation relating to the rules for lentil seed certification.

AMD 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 regulation promulgated.



STEWART BLEDSOE
Director of Agriculture

Signed at Olympia, WA

Date: 9/15/75

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1418
(Amends Order 1362)
Effective September 15, 1975

NEW WAC 16-316-0039 PROMULGATION. (This promulgation relates to Order 1362, WAC 16-316-340, 355, 360 and 370).

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 July 30, 1975, do hereby promulgate the following regulations relating to the standards for grass seed certification.

AMD WAC 16-316-340 GRASS 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 grass seed certification. (See specific regulations for bentgrass standards).

AMD 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.

(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 of the same kind growing in fence rows and other areas adjacent to the field must be controlled to prevent blooming.

(6) Pennlate Orchardgrass: Life of stand limited to six years. Maximum of three seed crops on foundation. Pennfine Perennial Ryegrass: Maximum of two seed crops on foundation--four seed crops on certified. Pennstar Kentucky Bluegrass: Life of stand limited to six years.

AMD 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 Required for Fields Producing:		
	Foundation	Registered	Certified
Strains at least			16.5 feet
80% Apomictic - - - - A	165 feet	165 feet	clean fallow
Highly Self-Fertile			16.5 feet
Species - - - - - S	165 feet	165 feet	clean fallow
All Cross Pollinated			
Species - - - - - C	900 feet	300 feet	165 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 - - - 75 feet

(3) Isolation requirements between classes of the same variety of apomictic (A) and self-fertile (S) species is as follows:

- (a) Field producing Foundation or Registered shall be 45 feet from field planted with different class of same variety.
- (b) Field producing Certified seed shall be five feet from field planted with different class of same variety.
- (4) 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 Required for Fields Producing:		
	Foundation	Registered	Certified
0 ft.	900 ft.	300 ft.	165 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 be harvested as uncertified seed.

Crop & it's type of Reproduction	Symbol *	Min. % Germ Fndt. Req.	Min. % Pure Fndt.		Max. % Inert Fndt.		Max. % Weeds (b) Fndt.		Max. % Other Crop Fndt. (a)		Max. No seeds of other grass spp.	
			Cert.	Req.	Cert.	Req.	Cert.	Req.	Cert.	Req.	Fndt.	Req.
Bluegrass												
Sherman	(A)	70	70	90	90	10	10	.05	.3	.1	.5	1/10 grams 1/1 grams
Kentucky, Canada	(A)	80	80	97	97(d)	3	3	.05	.3	.1	.5(d)	1/10 grams 1/1 grams
Merion Kentucky	(A)	80	80	92	92(d)	8	8	.05	.3	.1	.5(d)	1/10 grams 2/1 grams
Smooth Bromo	(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	97	97	3	3	.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 & Latar									
Ryegrass	(C)	85(f)	90(f)	96	98	4	2	.1	.3	.1	.5	1/50 grams 5/50 grams
Pennfine	(C)	85(f)	85(f)	96	97	4	3	.1	.3(c)	.1	.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
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, Siberian	(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

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

(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 seed 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. (Note: containing minimum 92% Merion.) In a Kentucky Bluegrass other than Merion, 2% of varieties other than the variety certified will be allowed. In Canada bluegrass 2% Kentucky bluegrass will be permitted.

(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.

(f) Acceptable maximum fluorescence allowed:

Variety	Foundation	Registered	Certified
NK-100	3 - 12%	----	3 - 12%
Norlea	2%	----	5%
Pelo	1%	2%	5%
Pennfine	0 - 1%	----	0 - 3%
Cropper		To be determined	
NK-200	0	----	3%

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: 8/15/75

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1419
(Supersedes Order 1111)
Effective September 15, 1975

NEW WAC 16-316-0041 PROMULGATION. (This promulgation relates to Order 1111 and WAC 16-316-035).

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 July 30, 1975, do hereby promulgate the following regulations relating to the standards for bentgrass seed certification.

AMD 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, 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).
- (2) Renewal application: (Due May 15)
(Accepted until July 1 with late penalty fee).
 - (a) Renewal application fee.....\$10.00
(No acreage fee required).
 - (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 fee.....\$0.15 per 100 lbs.
 - (5) Tagging fee.....\$0.15 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, ten cents of the fifteen 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 16-316-045 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	More than
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: 2%

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

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

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%*

<u>Germination</u> (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
Director of Agriculture

Signed at Olympia, WA

Date: 9/15/75

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1420
(Amends Order 1365)
Effective September 15, 1975

NEW

WAC 16-316-0042 PROMULGATION. (This promulgation relates to Order 1365, WAC 16-316-800, 810, 820, 830 and 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 July 30, 1975 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.

AMD

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

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

AMD

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

Arlington*	Chesapeake*	Kenland*	Kenstar*
Lakeland*	Ottawa*	Pennscott*	Redland*p
Redman*p			

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

AMD

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

A-24**p	Chimo*p	Nugget*p	Titan*p	WL-308*p
A-59**p	Citation*p	Rambler*	Travois*	WL-309*p
Agate*	Dawson*	Ramsey*	Vernal*	WL-310*p
Alfa*p	Delta**	Ranger**	Warrior*p	WL-311*p
Anchor*p	Dupuits*p	Roamer*	Washoe*	WL-318*p
Apalachee*	Glacier*p	Saranac*	Weevlchek*p	123*p
Apex*p	Iroquois*	Scout*p	WL-202*p	167*p
Arc*	Ladak**	SX10*p	WL-210*p	520*p
Arnim*p	Ladak 65*p	Team*	WL-215*p	530*p
Atra-55*p	Lahontan*	Tempo*p	WL-216*p	G-777*p
Bonus*p	Narragansett**	Teton*	WL-305*p	Mesilla**
Cayuga*	Norseman*p	Thor*p	WL-307*p	

AMD

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**		

AMD

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	Tillman White Clover**
Merit Ladino Clover*	Louisiana S-1 White Clover**
Pilgrim Ladino Clover*	
Penngift Crownvetch*	Emerald Crownvetch**
Cascade Birdsfoot Trefoil**	Viking Birdsfoot Trefoil**
Marshfield Big 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
Director of Agriculture

Signed at Olympia, WA

Date: 8/15/75