

FROM: AGRICULTURE
(Name of Agency)

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

The enclosed Permanent rules , being order No. 1359 through 1369
Emergency rules

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

- | | |
|--|--------------|
| 1. Alfalfa Seed Certification Standards | - Order 1359 |
| 2. Bean Seed Certification Standards | - Order 1360 |
| 3. Schedule of Laboratory Charges | - Order 1361 |
| 4. Grass Seed Certification Standards | - Order 1362 |
| 5. Red Clover Seed Certification Standards | - Order 1363 |
| 6. Annual Bluegrass Quarantine Procedures | - Order 1364 |
| 7. Varieties Eligible for Certification | - Order 1365 |
| 8. Field Pea Certification Standards | - Order 1366 |
| 9. Small Grain Seed Certification Standards | - Order 1367 |
| 10. Lentil Seed Certification Standards | - Order 1368 |
| 11. Forest Tree Seed Certification Standards | - Order 1369 |

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

pursuant to Notice No. 4657 ① filed with the code reviser
on 5/15/74 ② were regularly adopted as permanent rules of this
(date)
agency at Olympia, Washington on 6/12/74 and are herewith
(place) (date)
filed in the office of the code reviser pursuant to chapter 34.04
RCW. The effective date of such rules shall be 7/12/74 ③

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

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

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

Dated this Twelfth day of June 19 74.

STATE OF WASHINGTON
FILED
JUN 12 1974
CODE REVISER'S OFFICE
DOCKET # 2772 FILE # 27

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.

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1359
(Amends Orders 1182, 1260 & 1305)
Effective July 12, 1974

NEW WAC 16-316-005 PROMULGATION. (This promulgation relates only to WAC 16-316-220, 235 and 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 June 4, 1974 do hereby promulgate the following regulations relating to alfalfa seed certification standards.

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

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

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

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

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

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

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

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 field planted with:
Foundation	Foundation ^{or}) 150 feet
Registered	Registered) Registered ^{or}) 75 feet Certified)
Certified	Certified 75 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.

REP

WAC 16-316-225 is hereby repealed.

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

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture
State of Washington

Signed at Olympia, WA

Date: 6/12/74

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1360
(Amends Orders 1183 & 1304)
Effective July 12, 1974

NEW WAC 16-316-007 PROMULGATION. (This promulgation relates only to WAC 16-316-260 and 285).

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 June 4, 1974 do hereby promulgate the following regulations relating to bean seed certification standards.

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

AMD WAC 16-316-285 INSPECTION REQUIREMENTS SHALL BE AS FOLLOWS: (1) When the plants are at the 3rd leaf stage and when plants are full grown. The 3rd inspection, when required, shall be a windrow inspection.
(2) A greenhouse test may be required if the certifying agency deems it necessary.
(3) The combined results of field inspections, laboratory test, and greenhouse test, when required, will determine final certification.

REP WAC 16-316-265 is hereby repealed.

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



STEWART BLEDSOE
Director of Agriculture
State of Washington

Signed at Olympia, WA

Date: 6/12/74

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1361
(Amends Orders 1195 & 1245)
Effective July 12, 1974

NEW

WAC 16-304-003 PROMULGATION. (This promulgation relates only to WAC 16-304-050).

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 June 4, 1974 do hereby promulgate the following regulations relating to the schedule of laboratory charges.

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 3¢ per cwt. for peas, beans, small grains, and seed of similar size; and 10¢ per cwt. for all other kinds 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 \$8.25 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 \$8.25 per hour plus 13¢ 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 \$8.25 per man hour.

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

Stewart Bledsoe
STEWART BLEDSOE
Director of Agriculture
State of Washington

Signed at Olympia, WA
Date: 6/12/74

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1362
(Amends Orders 1184, 1252 & 1306)
Effective July 12, 1974

NEW WAC 16-316-0035 PROMULGATION. (This promulgation relates only to WAC 16-316-340, 350, 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 June 4, 1974 do hereby promulgate the following regulations relating to grass seed certification standards.

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.

AMD 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 1.)
(Accepted until July 1 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 Fee.....\$.25 per 100 lbs.
- (5) Production Fee (including tagging)\$\$.25 per 100 lbs.
(The sampling and production fees are billed at completion of tests unless other arrangements are made. If no seed is tagged, 10¢ of the 25¢ cwt. production fee is refundable upon request. Request 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 shall be the most applicable fee established by the director of agriculture.

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 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 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 - - - 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:

Border to be removed from the field being certified	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.

AMD WAC 16-316-370 SEED STANDARDS FOR GRASSES. Seed standards for grasses shall be as follows:

Crop & it's type of Reproduction.	Symbol *	Min. % Germ Fndt.		Min. % Pure Fndt.		Max. % Inert Fndt.		Max. % Weeds (b) Fndt.		Max. % Other Crop Fndt. (a)		Max. No. seeds of other grass spp.	
		Req.	Cert.	Req.	Cert.	Req.	Cert.	Req.	Cert.	Req.	Cert.	Fndt.	Req.
Bluegrass													
Sherman, Upland	(A)	70	70	90	90	10	10	.05	.3	.10	.5	1/10 grams	1/1 grams
Kentucky, Canada	(A)	80	80	97	97(d)	3	3	.05	.3	.10	.5	1/10 grams	1/1 grams
Merion Kentucky	(A)	80	80	92	92(d)	8	8	.05	.3	.10	.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
Mountain Brome	(S)	85	85	90	90	10	10	.3	.5	.1	.5	2/50 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 & Latar													
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
Pennfene	(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 do 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.

(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.

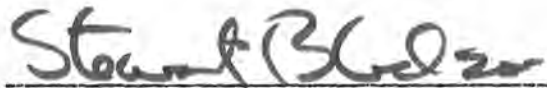
(f) Acceptable maximum fluorescence allowed:

Variety	Foundation	Registered	Certified
NK-100	3 - 12%	----	3 - 12%
Norlea	2%	----	5%
Pelo	1%	2%	5%
Pennfine	0 - 1%	----	0 - 3%

REP

WAC 16-316-345 is hereby repealed.

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



STEWART BLEDSOE
Director of Agriculture
State of Washington

Signed at Olympia, WA

Date: 6/12/74

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1363
(Amends Orders 1253 & 1307)
Effective July 12, 1974

NEW WAC 16-316-0075 PROMULGATION. (This promulgation relates only to WAC 16-316-430, 450 and 460).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on June 4, 1974 do hereby promulgate the following regulations relating to red clover seed certification standards

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

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

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

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

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

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

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

(b) The grower may harvest either the certified portion of the field or the uncertified isolation strip first and deliver that portion to the processing plant. After this seed is weighed and lotted in, the grower will then request a 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.

AMD

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

Purity	Foundation*	Blue Tag Certified*
Pure Seed (Min.)	99.00%	99.00%
Other Crops (Max.)	18 per lb.	0.25%
Inert Matter (Max.)	1.00%	1.00%
Sweet Clover (Max.)	9 per lb.	90 per lb.
Weed Seed (Max.)	0.15%	0.25%
Objectionable Weed Seeds (Max.)	None	90 per lb.

Germination (Minimum total germination and hard seeds)	85.00%	85.00%

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

REP

WAC 16-316-435 is hereby repealed.

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

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture
State of Washington

Signed at Olympia, WA

Date: 6/12/74

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1364
(Amends Orders 1248 & 1308)
Effective July 12, 1974

NEW WAC 16-495-003 PROMULGATION. (This promulgation relates only to WAC 16-495-085, 090 and 105).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on June 4, 1974 do hereby promulgate the following regulations for implementing the annual bluegrass quarantine.

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

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

(3) Official Seed Laboratory - seed testing laboratory approved by the director, such as, but not limited to, Washington State Seed Lab., Box 617, Yakima, Washington; Seed Laboratory, Washington State University, Pullman, Washington; and Oregon State Seed Laboratory, Oregon State University, Corvallis, Oregon.

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

(5) Representative of Washington State Department of Agriculture - authorized employee of State of Washington, or an individual approved by Chief of Seed Branch to officially sample seed.

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

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

AMD WAC 16-495-090 PROCEDURE FOR CLEARANCE. (1) Each person moving, shipping or transporting seed stock in or into the regulated area must file a "notice of seed stock" with the Washington State Department of Agriculture, P.O. Box 617, Yakima, Washington, for each lot of seed stock not tagged with official "Annual Bluegrass Quarantine" tags. This notice of "seed stock" shall (a) state where and when seed stock can be officially sampled for the required annual bluegrass test, or (b) have attached an official laboratory analysis of an official sample showing freedom from annual bluegrass; or (c) be submitted with official sample for testing.

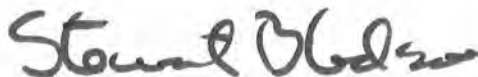
(2) Upon receipt of an official laboratory analysis showing freedom from annual bluegrass, the Department of Agriculture will tag each bag of those lots found free of annual bluegrass by the required test with "Annual Bluegrass Quarantine" tag, stating said seed is eligible for planting in Eastern Washington.

WAC 16-495-105 FEES. (1) Fees for official sampling and analysis shall be that fee established by the director.

(2) Inspection fee for nursery plantings shall be \$50.00 per acre or portion thereof.

(3) The minimum fee shall be \$10.00 for each lot and first 20 quarantine tags. For lots requiring more than 20 tags, the fee shall be the minimum fee of \$10.00 plus 50¢ cwt.

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



STEWART BLEDSOE
Director of Agriculture
State of Washington

Signed at Olympia, WA

Date: 6/12/74

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1365
Effective July 12, 1974

NEW

WAC 16-316-0095 PROMULGATION. 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 June 4, 1974 do hereby promulgate the following regulations relating to varieties eligible for certification.

NEW

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

Big Bluegrass:	Sherman**
Canada Bluegrass:	Reuben**
Kentucky Bluegrass:	A-34**P, Adelphi (pat.)**, Arista*P, Baron**P, Cheri (Golf)*P, Cougar*, Delft*P, Delta*, Fylking (pat.)**, Galaxy**P, Georgetown**P, Glade**P, Kenblue*, Merion**, Newport**, Nugget*, Park**, Pennstar*P, Prato**P, Ram I*P, Sodco*P (Genetic Purity Certified), Troy**P, Victa (pat.)*, Windsor (pat.)*
Upland Bluegrass:	Draylar**
Meadow Brome:	Regar**
Mountain Brome:	Bromar**
Smooth Brome:	Baylor*P, Blair*P, Carlton*, Manchar**, Saratoga*
Fescue:	Chewings***, Barfalla Chewings**P, Cascade Chewings**, Highlight Chewings*P, Durar Hard**, Boreal Red*, Dawson Red*P, Pennlawn Red*, Alta Tall**, Fawn Tall*, Novorubra*P
Tall Oatgrass:	Tualatin**
Orchardgrass:	Latar**, Pennlate*, Pomar**, Potomac*
Perennial Ryegrass:	NK-100*P, NK-200*P, Manhattan*, Norlea*P, Pelo**P, Pennfine*P
Timothy:	Clair**, Climax*, Essex*, Verdant*
Wheatgrass:	Whitmar Beardless**, Fairway Crested*, 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.

P = Proprietary

NEW

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

Arlington	Ottawa
Chesapeake	Pennscott
Kenland	Redland (P)
Kenstar	Redman (P)
Lakeland	

(P = Proprietary)

(2) These varieties are certified on a limited generation basis where:

- (a) Foundation seed is eligible to produce certified seed;
- (b) Certified seed is not eligible for recertification.
- (3) Kenstar: No seed production permitted year of seeding.

NEW

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

A-24**P	Cayuga*	Norseman*P	Thor*P	WL-216*P
A-59**P	Chimo*P	Rambler*	Titan*P	WL-305*P
Agate*	Dawson*	Ramsey*	Travois*	WL-307*P
Alfa*P	DuPuits*P	Ranger**	Vernal*	WL-308*P
Anchor*P	Glacier*P	Roamer*	Warrior*P	WL-309*P
Apalachee*	Iroquois*	Saranac*	Washoe*	123*P
Apex*P	Ladak**	Scout*P	Weevlchek*P	520*P
Arnim*P	Ladak 65*P	Team*	WL-202*P	530*P
Atra-55*P	Lahontan*	Tempo*P	WL-210*P	G-777*P
Bonus*P	Narragansett**	Teton*	WL-215*P	

* 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

NEW

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

Great Northern:	U of I numbers 31 and 123
Red Mexican:	U of I numbers 34, 36, Bigbend, and Rufus
Pinto:	U of I numbers 111 and 114
Pink:	Gloria, Rosa, Sutter, and Viva
Small White:	Bonus and Bailiff
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 and Rufus Red Mexican, Small Whites, Royal Red Kidney, Gloria, Rosa and Viva Pinks,

and Snap Beans shall be foundation or registered class. Planting stock for other varieties may be foundation, registered, or certified blue tag class.

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

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture
State of Washington

Signed at Olympia, WA

Date: 6/12/74

STATE OF WASHINGTON
 DEPARTMENT OF AGRICULTURE
 Order No. 1365
 (Amends Orders 1254 & 1312)
 Effective July 12, 1974

NEW

WAC 16-316-0055 PROMULGATION. (This promulgation relates only to WAC 16-316-474, 480 and 482).

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 June 4, 1974, do hereby promulgate the following regulations relating to the certification of field pea seed.

AMD

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

(2) Due Dates:

(a) June 1; however, acceptable June 2 through July 15 with late application fee.

(3) Fees:

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

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

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

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

for each field which did not pass field inspection.

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

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

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

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

AMD

WAC 16-316-480 FIELD STANDARDS.

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

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

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

WAC 16-316-482 SEED STANDARDS.

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

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

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture
State of Washington

Signed at Olympia, WA

Date: 6/12/74

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1367
(Amends Orders 1185, 1255 & 1313)
Effective July 12, 1974

NEW

WAC 16-316-0085 PROMULGATION. (This promulgation relates only to WAC 16-316-525, 530, 535, 545, 550 and 570).

I, Stewart Bledsoe, director of agriculture of the state of Washington, by virtue of the authority vested in me under chapter 15.49 RCW, after due notice as provided under chapters 42.32 and 34.04 RCW, and a public hearing held in Yakima, Washington on June 4, 1974 do hereby promulgate the following regulations relating to small grain seed certification standards.

AMD

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

<u>Kind, type</u>	<u>Variety</u>
Barley, spring	Belford, Blazer, Gem, Heines Hanna, Klages, Larker, Pirolina, Steptoe, Steveland, Traill, Unitan, Vale 70, Vanguard.
Barley, winter	Hudson, Kamiak, Luther.
Oat, spring	Cayuse, Park, Victory
Rye, winter	Tetra Petkus
Wheat, spring	Baart, Fielder, Fortuna, Henry, Idaed 59, Marfed, Peak, Peak 72, Protor(P), 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 16-316-530 APPLICATION AND FEES. (1) An application for seed certification for each field must be filed by or for each grower with Washington State Crop Improvement Association, Inc., the certifying agency for small grain seed.

(2) Due Dates:

(a) June 1 for winter varieties; however, acceptable June 2 through July 15 with late application fee.

(b) July 1 for spring varieties; however, acceptable July 2 through July 15 with late application fee.

(3) Fees:

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

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

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

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

for each field which did not pass field inspection.

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

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

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

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

AMD

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

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

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



STEWART BLEDSOE
Director of Agriculture
State of Washington

Signed at Olympia, WA

Date: 6/12/74

STATE OF WASHINGTON
 DEPARTMENT OF AGRICULTURE
 Order No. 1368
 (Amends Orders 1188, 1258 & 1311)
 Effective July 12, 1974

NEW

WAC 16-316-0029 PROMULGATION. (This promulgation relates only to WAC 16-316-700, 715 and 725).

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 June 4, 1974, do hereby promulgate the following regulations relating to lentil seed certification standards.

AMD

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

(2) Due Dates:

(a) June 1; however, acceptable June 2 through July 15 with late application fee.

(3) Fees:

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

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

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

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

for each field which did not pass field inspection.

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

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

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

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

AMD

WAC 16-316-715 FIELD STANDARDS.

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

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

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

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

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

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

Stewart Bledsoe

STEWART BLEDSOE
Director of Agriculture
State of Washington

Signed at Olympia, WA

Date: 6/12/74

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
Order No. 1369
(Supersedes Orders 1151, 1189 & 1247)
Effective July 12, 1974

NEW

WAC 16-319-007 PROMULGATION. (This promulgation relates to Orders 1151, 1189 and 1247, WAC 16-319-020 through 081).

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 June 4, 1974 do hereby promulgate the following regulations relating to forest tree seed certification.

NEW

WAC 16-319-020 FOREST TREE SEED CERTIFICATION STANDARDS.^{1/}

(1) Purpose. The purpose of forest tree seed certification is to make available seed properly identified by species or species and cultivar, and by source or source and origin.

(2) Definitions.

(a) Origin means the location of the indigenous parents.

(b) Source means the location of the immediate parents, which may be indigenous or non-indigenous.

(c) Location means description by seed zone or portion thereof and elevation.

(d) Seed Zone means a geographic area delineated on Western Forest Tree Seed Council's Tree Seed Zone Map published in 1974.

(e) Elevation means altitude above sea level, and is expressed in code in 500-foot increments as follows:

0 - 500 feet -- Code 05	2501 - 3000 feet -- Code 30
501 - 1000 feet -- Code 10	3001 - 3500 feet -- Code 35
1001 - 1500 feet -- Code 15	3501 - 4000 feet -- Code 40
1501 - 2000 feet -- Code 20	4001 - 4500 feet -- Code 45
2001 - 2500 feet -- Code 25	4501 - 5000 feet -- Code 50

and so forth.

(f) Certifying Agency means the duly designated state agent: In Washington State, the Washington State Crop Improvement Association, Inc., Post Office Box 617, Yakima, Washington 98907 (in Oregon State, the Oregon Seed Certification Service, Cooperative Extension Service, 102 Farm Crops Building, Oregon State University, Corvallis, Oregon 97331).

(g) Applicant means person or organization who submits application for seed certification to certifying agency, and who assumes responsibility for compliance with these standards.

(h) Certification of Seed means execution by certifying agency of field inspection, plant/warehouse inspection and/or audit to accomplish the purpose described in paragraph 1.

(i) Field Inspection means observation by certifying agency of all activities and records involved in collection, buying, and transportation of cones to assure compliance with field standards.

(j) Plant/Warehouse Inspection means observation by certifying agency of all activities and records involved in receiving, processing, storage and labeling of cones and seed to assure compliance with cone and seed processing standards.

^{1/} Underscoring in the text indicates a direct reference to specific terms which are defined or described herein.

(k) Audit means periodic examination and check by certifying agency of any part or all of the records only specified in field standards and cone and seed processing standards, and of additional records pertinent to inventory and distribution of seed including verification of corresponding physical inventory to assure that no significant errors or omissions exist.

(l) Lot means a homogeneous quantity of cones or seed, which for source identified seed or audit certificate seed is of a single species collected during one crop season from within stated seed zone(s) and from within stated 500-foot elevation increment(s), and which for certified seed or selected seed is seed of a single species or cultivar collected during one crop season from one distinctive described population of trees. Lots shall be identified distinctively by number and/or code.

(m) Batch means all or a part of a lot of cones or seed of a single species collected during one crop season from within a single seed zone and from within a single 500-foot elevation increment and collected or processed at one time, which may be combined subsequently with other batches into a lot. Batches shall be identified distinctively as they are processed by number and/or code.

(n) Cone Collector means person who picks or gathers cones or seed at their source.

(o) Cone Buyer means person who first receives cones or seed from cone collector.

(p) Unit of cones means a consistent volume measure of cones.

(q) Certificate of origin means a document issued by certifying agency which states source of seed.

(r) Character means a distinctive feature, trait, or property of an organism controlled chiefly by a certain gene or group of genes.

(s) Certificate of Genetic Identity means a document describing the ancestry and breeding behavior of a lot of certified or selected seed.

NEW

WAC 16-319-030 CLASSES OF SEED. (1) Certified Seed means seed from trees of proven genetic identity, as described in the Certificate of Genetic Identity. Further, such seed is produced and processed in a manner assuring genetic identity common with the tested material. Said seed shall be labeled with a blue label stating "Certified Seed." Certifying agency shall examine trees prior to collection of cones and shall exercise field inspection, plant/warehouse inspection and audit. Further, certifying agency shall examine all records pertinent thereto prior to affixing labels and seals to containers of seed.

(2) Selected Seed means seed from trees having promise of, but not proof of genetic identity, as described in the Certificate of Genetic Identity. Said seed shall be labeled with a green label stating "Selected Seed". Certifying agency shall examine trees prior to collection of cones, and shall exercise field inspection, plant/warehouse inspection and audit. Further, certifying agency shall examine all records pertinent thereto prior to affixing labels and seals to containers of seed.

(3) Source Identified Seed means seed from within a seed zone or portion thereof and from within a 500-foot elevation increment. The trees from which said seed is collected shall be assumed to be indigenous. Two subclasses are recognized:

Subclass A: personally supervised collections.

Subclass B: procedurally supervised collections.

Both subclasses of said seed shall be labeled with a yellow label stating "source-identified seed" and the subclass. Certifying agency shall exercise field inspection, plant/warehouse inspection and audit.

(a) Subclass A Source Identified Seed means that applicant and certifying agency personally know beyond a reasonable doubt the seed zone or portion thereof and 500-foot elevation increment within which cones and/or seed were collected. Certifying agency knows location from applicant's prior written plan of his cone collecting activities.

(b) Subclass B Source Identified Seed means seed identified as collected from within a seed zone or portion thereof and from within a 500-foot elevation increment.

(4) Audit Certificate Seed means that the applicant's records of procurement, processing, storage, and distribution state that the seed was collected from within stated seed zones or described portions thereof and from within 500-foot elevation increments. For areas not delineated on Western Forest Tree Seed Council's Tree Seed Zone Map published in 1974, certifying agency may accept seed zones on similarly authoritative map of seed zones as approved by certifying agency. Containers of said seed shall carry a serially numbered brown and white label stating "audit certificate seed". All records of the applicant for this class of seed are subject to audit.

NEW 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 not later than three days prior to initiation of cone collection. Service for certification of seed will be furnished only if payment as specified below is received with such advance application.

(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 the following schedules.

(a) Service for certification of seed of certified and/or selected class will be charged for at the rate of \$12.50 per man-hour job time for examination of records and of trees prior to cone collection plus the fee as specified for source identified seed.

(b) The fee for source identified seed is \$.50 per bushel of cones collected, with a minimum fee of \$30.00 for each collection in one crop year of a single species from a single zone or portion thereof and from a single elevation increment unless certifying agency, due to specific circumstances, waives this minimum fee.

Sixty percent of the fee shall be paid with the application, the remainder to be paid when billed by the certifying agency after processing is completed. The full \$.50 per bushel fee shall apply to all bushels presented for source

identified certification whether or not approved.

(c) The fee for audit certificate seed is:

(i) Initial audit for current year's crop charged for at the rate of \$12.50 per man-hour job time.

(ii) Plus \$.05 per pound for audit certificate seed from 1968 and subsequent crops sold or entering commerce, payment accompanying application for certification service shall be in amount of at least \$.03 per pound of planned production of clean seed. Balance will be due when billed by certifying agency.

(d) The fee for audit of seed not entered for certification of seed service is at the rate of \$12.50 per man-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.

NEW

WAC 16-319-051 FIELD STANDARDS. (1) Certified Seed and Selected Seed: Certifying agency shall examine trees before cones are collected; additionally, field standards prescribed below for Source Identified Seed Subclass A are required.

(2) Source identified seed: Applicant shall develop and make correct use of cone collector labels, and cone collector registration, cone buyer, and transportation logs.

(a) Subclass A.

(i) Control of cone collectors shall be such that applicant and certifying agency personally know beyond a reasonable doubt the seed zone or portion thereof and 500-foot elevation increment within which cones and/or seed were collected.

(ii) Applicant shall provide certifying agency a written cone collection plan prior to collection.

(iii) Further, all following requirements of Subclass B shall be met.

(b) Subclass B.

(i) All cone collectors shall be supervised sufficiently so that either cone buyers know where cones were collected, or cone buyers shall purchase all cones that cone collectors present for sale with no differential of acceptance, stated or implied, as to source, location, seed zone, or elevation.

(ii) Cone buyer shall require cone collector to sign cone collector's registration log prior to collection of cones. He shall also issue cone collector's labels, and direct cone collector to complete them and place them in or attach them to each container of cones before it is transported from point of collection. Coincident with purchase of cones he shall complete description on the cone sack label including species, source by seed zone, elevation increment, special collection area if any, certification class, date of purchase and his signature or initials.

(iii) Cone buyer shall maintain, on a serially numbered form, a cone buyer log for all cones received, listing species, seed zone, elevation increment, units of cones, date of purchase, cone collector's name, and cone buyer.

(iv) Cone buyer shall maintain transportation log showing species, seed zone, elevation increment, units of

- cones, and date shipped.
- (v) The certifying agency shall advise the applicant of problems about conditions that affect competent execution of these standards by the certifying agency and applicant.
- (3) Audit certificate seed:
- (a) Cone buyer shall require cone collectors to sign cone collector's registration log and to complete cone collector's labels prior to purchase of cones.
- (b) Cone buyer shall maintain, on a serially numbered form, cone buyer log for all cones received, listing species, seed zone, elevation increment, units of cones, date of purchase, cone collector's name, and cone buyer.
- (c) Cone buyer or other shipper of cones shall maintain transportation log showing species, seed zone, elevation increment, units of cones and date shipped.

NEW

WAC 16-319-061 CONE AND SEED PROCESSING STANDARDS. (1) The applicant shall maintain a continuous record for each lot and batch of cones and seed at each plant or warehouse, showing lot and batch number, species, seed zone, elevation increment, date received, units of cones and weight of cleaned seed. Cones stored at plant or warehouse prior to processing shall be assembled by lot or batch and so arranged as to be reasonably accessible for audit.

(2) Cone labels shall be maintained on cone sacks until processing. As cone sacks are emptied during processing, cone labels shall be removed and immediately deposited in a container marked with the lot or batch designation. Upon completely emptying the sacks for each lot or batch, the package of cone labels from it shall be closed and set aside for examination by the certifying agency auditor.

(3) All cones and seed shall be handled in a manner to prevent lot mixture and maintain lot identity. All machinery is to be thoroughly cleaned before processing another lot or batch.

(4) Specific requirement: Certifying agency may refuse to certify seed failing to meet the following standard:
Other distinguishable species or cultivars
(maximum by weight) 0.5%.

(5) Labeling and sealing of certified, selected, or source identified seed shall be done by the certifying agency. Labeling of audit certificate seed will be done by the applicant with the certification label being affixed to the seed container label: PROVIDED, That for small sales (any quantity of seed less than a full container of a size normally used by the applicant) the certification label may be affixed to the invoice or sales slip.

(6) For each lot of certified seed or selected seed, a Certificate of Genetic Identity shall be prepared and affirmed by the seed producer and if verified be signed and sealed by the certifying agency before labels and seals are affixed to seed packages. Said certificate shall include the following information:

(a) For both certified seed and selected seed, the lot number and information on (1) the parents which produced the seed, including their selection generation, type of selection made, character(s) selected for, location including seed zone(s), and elevation increment(s) in which selection was made, and selection procedure; (2) for each prior selection generation the same information; (3) for the seed to be labeled, whether

pollination was controlled; if not controlled, the pollen situation; if controlled, the pollen mix used, including number of pollen parents if known, also the number of maternal parents, and, if applicable, the crossing design used.

(b) For certified seed only, information on evaluation test(s), including geographic, climatic and ecological description of the test site, controls used, age of progeny when tested, superior character(s), performance proven and other significant character(s) observed.

(7) A document, acceptable to the certifying agency for informing the purchaser of species and certification information of each item, and for auditing purposes, shall be issued by the seedsman for each sale of certified, selected, source identified, and audit certificate seed. Such document may be a certificate of origin, invoice, shipping order, or sales slip. The certifying agency may authorize use of said certificate of origin for portions of seed from labeled and sealed containers in lieu of labels and seals when relabeling and resealing is impractical. No items of seed ineligible for any class of certification shall be included on any certificate of origin.

(8) If a lot is composed of seed from more than one seed zone or elevation increment in excess of seven percent if of contiguous seed zones or elevation increments, or if in excess of two percent of other than contiguous seed zones or elevation increments, the certification label must show all seed zones and/or elevation increments, either with or without the percentage of each.

(9) Any lot may be rejected if certifying agency determines that said lot fails to meet these standards. The privilege of certification may be withdrawn by certifying agency for a definite period of time in case of flagrant violations of these standards. If applicant believes an erroneous decision has been rendered, he may make written appeal to certifying agency, and its governing body shall review the written appeal.

NEW WAC 16-319-071 AUDIT STANDARDS. Certifying agency shall exercise audit to verify that proper procedures have been followed for keeping records specified in field standards and cone and seed processing standards.

NEW WAC 16-319-081 Affixing of label or label and seal to a container of seed or to certificate of origin by certifying agency affirms that to the best of its knowledge the seed meets these Forest Tree Seed Certification Standards.

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



STEWART BLEDSOE
Director of Agriculture
State of Washington

Signed at Olympia, WA

Date: 6/12/74