



RULE-MAKING ORDER
(RCW 34.05.360)

CR-103 (10/1/89)

Agency: Department of Agriculture Permanent Rule
 Emergency Rule

(1) Date of adoption: June 5, 1990

(2) Purpose: To make changes in response to seed industry requests.

(3) Citation of existing rules affected by this order:
 Repealed:
 Amended: WAC 16-300, WAC 16-304, WAC 16-316
 Suspended:

(4) Authority for adoption:
 Statute: RCW 15.49
 Other Authority:

(5.1) **PERMANENT RULE ONLY**
 Pursuant to notice filed as WSR 90-09-064 on April 17, 1990 (date).
 Describe any changes other than editing from proposed to adopted version:
 Two additions made to the lists of eligible grass varieties. Summit was added to the Kentucky Bluegrass list and Avanti Tall was added to the Fescue list.

(5.2) **EMERGENCY RULE ONLY**
 Pursuant to RCW 34.05.350 the agency for good cause finds:
 (a) That immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.
 (b) That state or federal law or federal rule or a federal deadline for state receipt of federal funds requires immediate adoption of a rule.
 Reasons for this finding:

(5.3) Any other findings required by other provisions of law as precondition to adoption or effectiveness of rule?
 Yes No If yes, explain:

(6) Effective date of rule: July 6, 1990
Permanent Rules **Emergency Rules**
 31 days after filing Immediately
 Other (specify) _____ * Later (specify) _____
 *(If less than 31 days after filing, specific finding in 5.3 under RCW 34.05.380(3) is required)

CODE REVISER USE ONLY
 CODE REVISER'S OFFICE
 STATE OF WASHINGTON
 FILED
 JUN 05 1990
 TIME: 3:20 PM
 WSR 90-12-098

NAME (TYPE OR PRINT)
 C. Alan Pettibone
 SIGNATURE

 TITLE
 Director Deputy Director
 DATE
 6/5/90

AMENDATORY SECTION (Amending Order 1796, filed 5/16/83)

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	<i>Eynodon-daetylon</i> -(L.)-Pers.)
Blue lettuce	<i>Lactuca pulchella</i> (Pursh.) DC.
Docks and Sorrel	<i>Rumex</i> spp.
Dodder	<i>Cuscuta</i> spp.
Field pennycress (fanweed)	<i>Thlaspi arvense</i>
Field sandbur	<i>Cenchrus pauciflorus</i> Benth.
Gromwell (only in small grain)	<i>Lithospermum arvense</i>
Halogeton	<i>Halogeton glomeratus</i> C.A. Mey.
Medusahead	<i>Elymus caput-medusae</i> L. or <i>Taeniatherum asperum</i> (Sim.) Nevski
Plantains	<i>Plantago</i> spp.
Poverty weed	<i>Iva axillaris</i> Pursh.
Puncturevine	<i>Tribulus terrestris</i> L.
St. Johnswort	<i>Hypericum perforatum</i> L.
Dalmation toadflax	<i>Linaria dalmatica</i> (L.) Mill.
Yellow toadflax	<i>Linaria vulgaris</i> Hill.
Western ragweed	<i>Ambrosia psilostachya</i> DC.
Wild mustard	<i>Brassica kaber</i> (DC.) L.C. Wheeler Var.
Wild oat	<i>Avena fatua</i> L.
Yellow starthistle	<i>Centaurea solstitialis</i> L.

For the purpose of seed certification, see WAC 16-316-165 for the list of objectionable weeds.

AMENDATORY SECTION (Amending Order 2005, filed 5/22/89)

WAC 16-304-040 SCHEDULE OF CHARGES. (1) Testing fees shall be as follow

	SAMPLE MIN. SIZE	PURITY (a)	NOXIOUS ONLY	
Bentgrass	2 oz.	\$30.00	\$15.00	\$10.00
Bluegrass	4 oz.	21.00	13.00	10.00
Bromegrass	6 oz.	22.00	13.00	10.00
Fescue	4 oz.	21.00	13.00	10.00
Orchardgrass	4 oz.	24.00	15.00	10.00
Ryegrass	4 oz.	21.00	13.00	10.00
Crested Wheatgrass	4 oz.	25.00	15.00	10.00
Other Wheatgrasses	6 oz.	36.00	22.00	10.00
Other grasses	4 oz.	17.00	10.50	10.00
Beans and peas	1 1/4 lb.	13.00	7.50	10.00
Cereals	1 1/4 lb.	13.50	9.00	10.00
Other crops	4 oz.	13.50	9.00	10.00
Mixture (for each additional kind)		10.50		10.00
Beets		18.00	8.50	10.00
Rapeseed		32.00	9.00	10.00
Carrot		13.50	9.00	10.00

(a) Purity - analysis to determine percent pure, other crop, inert, and weeds based on working sample as prescribed by Federal Seed Act (example: One gram - bluegrass; five grams - alfalfa; and one hundred grams - wheat) and examined for Washington state noxious weeds based on minimum sample size as prescribed by Federal Seed Act (example: Ten grams - bluegrass; fifty grams - alfalfa; five hundred grams - wheat).

(b) Germination - test prescribed by Federal Seed Act to determine percent germination of seed sample based on four hundred seeds.

(c) Purity and germination - includes both (a) and (b). This combination of tests provides information needed to label seed under state and federal acts.

(d) Tetrazolium test - a chemical test that measures viability and germination potential. (A germination test should also be obtained.)

(2) Special tests: (Standard noxious exam size unless otherwise specified).

(a) Crop and/or weed exam..... Noxious only
fee plus \$ 3.50
(or hourly rate when applicable)

All crop seeds and/or all weed seeds are listed as number per pound.

(b) Poa annua check for bentgrass and bluegrass - each five grams..... \$16.00

Poa annua check for other grasses - each 10 grams..... \$16.00

(c) Sod seed analysis -
Bluegrass..... \$56.00
Fescue..... \$40.00
Ryegrass..... \$32.00

(A special test of turf grasses - for those who need a detailed examination of seed before purchase and/or use.)
Bluegrass test includes purity, twenty-five gram all weed/all crop, except ten gram Poa annua exam. Ryegrass and Fescue test

includes purity, one hundred gram all weed/all crop. (Fluorescent required on ryegrass; germ and fluorescent test additional fee.)

(d) Fluorescent test - (four hundred seed test).....	\$13.00
(e) Pest and disease, soil exam or similar.....	\$16.00
(Reported on seed analysis certificate.) A visual examination of a representative sample.	
(f) Sod analysis check - twenty-five gram exam to evaluate if a lot appears to be sod quality (phone report only).....	\$18.00
(g) Variety separation of Kentucky bluegrass.....	\$18.00
If separated at time of purity analysis.....	\$ 9.00
(h) Sodium hydroxide test for presence of red and/or white wheat.....	\$10.00
(i) Brassica seed chemical identification test.....	\$10.00
(j) Analysis of partially cleaned, uncleaned or field run seed with excessive inert, other crop or weed seeds (per hour).	\$16.00
(k) Fescue seed fluorescence test - a test required to determine presence of other fine fescue species in hard fescue and sheep fescue which is required on certified samples.....	\$14.00
(3) Inventory testing for germination: A service to provide opportunity to have carry-over seed stocks except mixtures tested at lowest possible charge. Not an official germination test.	
(a) Reports may not be mailed until all tests are completed.	
(b) Samples shall be plainly labeled "inventory samples."	
(c) Samples shall be reported according to the sender's designation. The laboratory shall assume no responsibility for correct identification. These samples and tests shall not become a part of our permanent record.	
(d) The fee for this service shall be one-half the regular germination fee.	
(e) Inventory testing for germination will be run as germination space is available, with the understanding that regular service samples have priority.	
(4) Miscellaneous laboratory fees:	
(a) Rush samples (including phone report if requested at time sample is submitted).....	\$((7+00)) <u>12.00</u>
(b) Phone reports on test result, per call.....	\$ 3.50
(c) Preliminary report on germination (phone report only).....	\$ 8.00
(d) Morphological test.....	\$ 8.00
(alfalfa or clover examined under magnification for combine damage.)	
(e) Additional mailing of report (each destination).....	\$ 1.50
(f) Recopies of reports (minimum fee).....	\$ 2.50
Revised reports (minimum fee).....	\$ 5.00
(or hourly fee when applicable)	
(g) I.S.T.A. rules test	PURITY GERMINATION
Alfalfa, clover	\$20.00 \$14.00
Kentucky bluegrass	\$30.00 \$14.00
Peas, lentils	\$20.00 \$14.00
(h) Canadian rules test	PURITY GERMINATION
Alfalfa, clover	\$20.00 \$11.50
Kentucky bluegrass	\$30.00 \$14.00
Peas, lentils	\$20.00 \$11.50
(i) Seed count.....	\$16.00
(j) Extra charge for samples requiring special preparation for germination, i.e., New Zealand spinach, pelleted seeds, spinach, chard, etc.....	\$16.00
(k) Hourly fee for miscellaneous services.....	\$16.00
(l) Service charge for submitted federal phytosanitary certificates, per certificate.....	\$ 5.00
(m) All states noxious weed examination.....	\$ ((7+00)) <u>10.00</u>

- (n) Fee for special handling service (i.e., Federal Express, Air Parcel Post, or air freight) for documents or seed samples..... \$ 3.50
- (o) Fee for facsimile transmission of documents, per document..... \$ 3.50
- (p) Undesirable grass species examination (UGS test)..... \$12.00

AMENDATORY SECTION (Amending Order 1976, filed 5/13/88)

WAC 16-304-110 ANNUAL SEED INSPECTION CHARGE. Each person required to obtain a seed labeling permit, pursuant to RCW 15.49.400, of the Washington State Seed Act, shall also, pursuant to RCW 15.49-.310 and 15.49.370, pay a general seed inspection charge annually to the department in the amount of ten cents per one hundred dollars gross annual dollar sales in excess of ten thousand dollars of agricultural and/or vegetable seed distributed in this state during the preceding fiscal year: PROVIDED, That no assessment shall be collected on (1) seed for which the assessment has been previously collected, except when such seed has been relabeled; (2) agricultural or vegetable seed distributed out of state; (3) seed distributed in containers of four ounces or less; (4) stock seed; and (5) seed distributed by governmental agencies, such as but not limited to the United States Department of Agriculture national foundation seed project: PROVIDED FURTHER, That erroneous and overpayments shall be refunded on request. Requests for refund shall be filed by June 30 of the year following the due date. Agricultural and/or vegetable seeds distributed under bailment contract shall be valued at the producer-conditioner agreement rate in lieu of sale.

The assessment fees for the period beginning July 1, ((1987)) 1989 through June 30, ((1988)) 1990 shall be payable by February 1, ((1989)) 1991. The assessment fees for the period beginning July 1, ((1988)) 1990 through June 30, ((1989)) 1991 shall be payable by February 1, ((1990)) 1992.

The assessment may accompany the annual application for the seed labeling permit. A penalty of ten percent of the assessment fee or minimum of ten dollars, whichever is greater, shall be added to all assessments not paid by February 1. These funds shall only be used for seed control activities. The annual seed labeling permit may not be issued until all assessments and penalties have been satisfied.

AMENDATORY SECTION (Amending Order 1976, filed 5/13/88)

WAC 16-304-130 SEED INSPECTION ASSESSMENT--EFFECTIVE DATES. This rule is effective through June 30, ((1990)) 1992. Between January 1, ((1990)) 1992 and March 1, ((1990)) 1992, the assessment program shall be reviewed by the seed branch advisory committee, who will recommend whether to continue the seed assessment program. Such recommendations shall be considered at a public hearing under the authority of chapter 42.30 RCW, the Open Public Meetings Act, and chapter ((34.04)) 34.05 RCW, the Administrative Procedure Act. The advisory committee shall also recommend the objectives of the seed quality control activities and shall review expenditures of assessment funds to verify such funds are being used only for seed quality control activities.

AMENDATORY SECTION (Amending Order 1948, filed 8/13/87)

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

ENGLISH OR COMMON NAME	BOTANICAL OR SCIENTIFIC NAME
(Bermudagrass	<i>Eynodon-daetylon</i> -(L.)-Pers.)
Blue lettuce	<i>Lactuca pulchella</i> (Pursh.) DC.
Docks and Sorrel	<i>Rumex</i> spp.
Field pennycress (fanweed)	<i>Thlaspi arvense</i>
Field sandbur	<i>Cenchrus pauciflorus</i> Benth.
Halogeton	<i>Halogeton glomeratus</i> C.A. Mey.
Medusahead	<i>Elymus caput-medusae</i> L. or <i>Taeniatherum asperum</i> (Sim) Nevski
Plantains	<i>Plantago</i> spp.
Poverty weed	<i>Iva axillaris</i> Pursh.
Puncturevine	<i>Tribulus terrestris</i> L.
St. Johnswort	<i>Hypericum perforatum</i> L.
Dalmation toadflax	<i>Linaria dalmatica</i> (L.) Mill.
Yellow toadflax	<i>Linaria vulgaris</i> Hill.
Western ragweed	<i>Ambrosia psilostachya</i> DC.
Wild mustard	<i>Brassica kaber</i> (DC.) L.C. Wheeler Var. <i>Avena fatua</i> L.
Wild oat	
Yellow starthistle	<i>Centaurea solstitialis</i> L.
Gromwell (in small grain)	<i>Lithospermum arvense</i>
Bedstraw	<i>Galium aparine</i> (in alfalfa only - inclusion of this species on weed list means certified class is limited to a maximum 18 per pound with no tolerance for foundation or registered seed)

AMENDATORY SECTION (Amending Order 1976, filed 5/13/88)

WAC 16-316-370 GRASS SEED STANDARDS. Seed standards for grass shall be as follows:

PART ONE OF TABLE

Crop & type of Reproduction	Symbol (as defined in WAC 16-316-360)	Min. % Germ Fndt. Req.		Min. % Pure Fndt. Cert.		Max. % Inert Fndt. Reg.	
		Req.	Cert.	Reg.	Cert.	Reg.	Cert.
Bluegrass							
Sherman	(A)	70	70	90	90	10	10
Canby	(A)	70	70	90	90	10	10
Kentucky	(A)	80 (e)	80 (e)	97	97 (d)	3	3
Merion Kentucky	(A)	80 (e)	80 (e)	92	92 (d)	8	8
Canada and Upland	(A)	80	80	96	92 (d)	4	8
Bromegrass							
Smooth Brome	(C)	80	85	95	95	5	5
Meadow Brome	(C)	80	85	95	95	5	5
Mountain Brome	(S)	85	85	95	95	5	5

Crop & type of Reproduction	Symbol (as defined in WAC 16-316-360)	Min. % Germ Fndt. Reg.		Min. % Pure Fndt. Cert.		Max. % Inert Fndt. Cert.		
		Reg.	Cert.	Reg.	Cert.	Reg.	Cert.	
Deertongue	(C)	50	50	97	95	3	5	
Fescue Tall and meadow	(C)	80	85	95	97	5	3	
Hard and sheep, Idaho, Red Fescue	(C)	80	85	95	95	5	5	
Other Fescue (Chewings)	(C)	80	90	95	95	5	5	
Orchardgrass	(C)	80	85	85	90	15	10	
			80 for Pennlate & Latar					
Ryegrass	(C)	85	90	96	97	4	3	
Pennfine	(C)	85	85	96	97	4	3	
Timothy	(C)	80	85	97	97	3	3	
Wheatgrass Beardless	(C)	80	85	90	90	10	10	
Bluebunch	(C)	80	85	90	90	10	10	
Intermediate	(C)	80	85	95	95	5	5	
Pubescent	(C)	80	85	95	95	5	5	
Western, Streambank, Thickspike	(C)	80	85	90	90	10	10	
Crested, and Siberian	(C)	80	85	90	95	10	5	
Slender	(S)	80	85	90	95	10	5	
Tall	(C)	80	85	95	95	5	5	
Indian Ricegrass	(C)	80*	80*	95	90	5	10	
Puccinellia distans	(C)	80	80	95	95	5	5	
Basin Wildrye and Russian Wildrye	(C)	80	80	90	90	10	10	
Bentgrass	(C)	85	85	98	98	2	2	
Redtop	(C)	80	80	92	92	8	8	
Ann. Canarygrass	(C)	85	85	99	99	1	1	

PART TWO OF TABLE

Crop & type of Reproduction	Max. % Weeds (b) Fndt. Reg.		Max. % Other Crop Fndt. (a) Reg.		Max. No. seeds of other grass spp. (h) Fndt. Reg.	
	Reg.	Cert.	Reg.	Cert.	Fndt.	Reg.
Bluegrass Sherman	.05	.3	.1	.5	1/10 grams	1/1 gram
Canby	.05	.3	.1	.5 (d)	1/10 grams	1/1 gram

Crop & type of Reproduction	Max. % Weeds (b) Fndt.		Max. % Other Crop Fndt. (a)		Max. No. seeds of other grass spp. (h)	
	Reg.	Cert.	Reg.	Cert.	Fndt.	Reg.
Kentucky	.05	.3	.1	.5 (d)	1/10 grams	1/1 gram
Merion Kentucky	.05	.3	.1	.5 (d)	1/10 grams	2/1 gram
Canada, Upland	.05	.3	.1	.5 (d)	1/10 grams	1/1 gram
Bromegrass						
Smooth Brome	.05	.3 (c)	.1	.5	1/50 grams	10/50 grams
Meadow Brome	.05	.3 (c)	.1	.5	1/50 grams	10/50 grams
Mountain Brome	.3	.5	.5	1.0	1/50 grams	10/50 grams
Deertongue	.50	.5 (c)	1.0	1.0	1%	-----
Fescue						
Tall and Meadow	.03	.3 (c)	.1	.5	2/50 grams	10/50 grams
Hard and sheep, Idaho, Red, Fescue	.03	.3 (c)	.1	.5	1/50 grams	5/50 grams
Other Fescue (Chewings)	.03	.3 (c)	.1	.5	1/50 grams	5/50 grams
Orchardgrass	.03	.3 (c)	.1	.5	3/50 grams	10/50 grams
Ryegrass	.1	.3 (c)	.1	.5	1/50 grams	5/50 grams
Pennfine	.1	.3 (c)	.1	.5	1/50 grams	5/50 grams
Timothy	.1	.3	.1	.5	1/50 grams	5/50 grams
Wheatgrass						
Beardless	.1	.3 (c)	.1 (f)	.5	1/50 grams	5/50 grams
Blue Bunch	.1	.3 (c)	.1 (f)	.5	1/50 grams	5/50 grams
Intermediate	.1	.3 (c)	.1 (f)	.5	1/50 grams	5/50 grams
Pubescent	.1	.3 (c)	.1 (f)	.5	1/50 grams	5/50 grams
Western, Streambank	.1	.3 (c)	.1 (f)	.5	1/50 grams	5/50 grams
Crested, and Siberian	.1	.3 (c)	.1 (f)	.5	1/50 grams	5/50 grams
Slender	.1	.3 (c)	.1 (f)	.5	1/50 grams	5/50 grams
Tall	.1	.3 (c)	.1 (f)	.5	1/50 grams	5/50 grams
Indian Ricegrass	.3	.5	.5	1.0	1/50 grams	5/50 grams

Crop & type of reproduction	Max. % Weeds (b) Fndt.		Max. % Other Crop Fndt. (a)		Max. No. seeds of other grass spp. (h)	
	Reg.	Cert.	Reg.	Cert.	Fndt.	Reg.
Puccinellia distans	.3	.5	.5	1.0	1/10 grams	1/1 grams
Basin Wildrye and Russian Wildrye	.1	.3 (c)	.1	.5	1/50 grams	5/50 grams
Bentgrass	.3 (g)	.4 (g)	.2	.6		
Redtop	.3 (g)	.5 (g)	.5	2		
Ann. Canarygrass	.1	.3	1/lb.	3/lb.		

The following (a)-(f) are notes to the above table.

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

(b) Grass seed shall not contain more than forty-five per pound for registered seed, ninety per pound for blue tag seed, singly or collectively, of objectionable weed seeds. (See current general rules.) Grass seed shall be free of the seed of prohibited noxious weeds.

(c) A tolerance of five-tenths of one percent may be allowed for samples containing weedy bromus spp.: PROVIDED, That the total of all other weed seeds does not exceed three-tenths of one percent.

(d) A three percent tolerance of other Kentucky Bluegrass varieties may be allowed in Merion. (Note: Containing minimum ninety-two percent Merion.) In Canada Bluegrass, three percent Kentucky Bluegrass may be permitted.

(e) A standard tetrazolium (two hundred seed) test may be used in lieu of germination test.

(f) A tolerance of eight-tenths of one percent may be allowed in registered and certified wheatgrass containing small grain seed: PROVIDED, That the total of all other crop seed does not exceed one-tenth of one percent for registered class and five-tenths of one percent for certified class.

(g) Blue tag seed shall not contain over nine hundred seeds per pound, singly or collectively, of the following weeds: Plaintain spp., Big Mouse-ear Chickweed, Yarrow, Spotted Cat's Ear, and Dandelion.

(i) A maximum of .50 percent weed seed may be allowed in bentgrass containing silver hairgrass: PROVIDED, That the total of all other weed seed does not exceed .40 percent.

(ii) 1.50 percent other fine bentgrasses and .50 percent redtop may be allowed in certified bentgrass containing a minimum of 98.00 percent total bentgrass.

(h) A crop exam is required for all registered and foundation class grass seeds.

* or seventy percent by Tz test

AMENDATORY SECTION (Amending Order 2005, filed 5/22/89)

WAC 16-316-474 FIELD PEA--LENTIL--SOYBEAN--SORGHUM--SMALL GRAIN--APPLICATION AND FEES. (1) An application for seed certification with application fee, field inspection fee, and late application

fee (if due) for each field shall be filed by or for each grower with Washington State Crop Improvement Association, Inc., the certifying agency for seeds of field pea, lentil, soybean, sorghum and small grains.

(2) Due dates:

(a) Field pea - June 1

(b) Lentil - June 1

(c) Soybean - July 1

(d) Sorghum - July 15

(e) Small grains - June 1 for both winter varieties and spring varieties.

(f) After due date, an application with late application fee may be accepted for service.

(3) Fees:

(a) Application fee per variety per grower..... \$15.00

(b) Field inspection fee per acre..... \$ 2.10

(c) Late application fee..... \$15.00

(d) Reinspection fee..... \$30.00

minimum for each field which did not pass field inspection plus \$ 0.40 for each acre over twenty-five. The reinspection fee for isolation requirements only for a field of any size is \$30.00.

(e) Final certification fee..... \$ 0.17 per cwt. of clean seed sampled, which shall be charged to conditioning plant, or production fee..... \$ ((0+7)) 0.10 per cwt. of production from fields inspected which is utilized for seed, which shall be charged to ~~((conditioning-plant-or,-if-none,-to applicant))~~ the grower or the final seller prior to brokerage, retail sale, sale to plant not approved for conditioning certified seed, or transshipment out-of-state.

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

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

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

AMENDATORY SECTION (Amending Order 2005, filed 5/22/89)

WAC 16-316-525 FIELD PEA--LENTIL--SOYBEAN--SORGHUM--SMALL GRAIN--ELIGIBLE VARIETY AND STOCK SEED.

Kind	Variety
Barley, spring	Advance, Belford, Andre, Camelot (P), ((Clark)) Columbia (P), Coughbar, <u>Crystal</u> , Flynn, Gus (P), Harrington, Klages, Kombar (P), Lindy (P), Menuet (P), Morex, Nova (P), <u>Odyssey</u> (P), Onda (P), ((Piston--(P))) Poco (P), <u>Russell</u> , Seven (P), Steptoe, WestBred Gustoe (P), WestBred ((504)) <u>Medallion</u> (P), WestBred Sprinter (P), Whitford (P)
Barley, winter	Boyer, Hesk, Kamiak, ((Luther)) Mal, Scio, Showin
Oat, spring	Appaloosa, Border, Cayuse, Monida, ((Ogle)) <u>Otana</u> , Park,
Rye, winter	Puma, Rymin

Kind	Variety
Wheat, spring	Bliss, Bronze Chief (P), Copper, Czar (P), Dirkwin, Edwall, Fielder, ((Kodiak-{P}_7)) Landmark (P), McKay, <u>Nomad</u> (P), Owens, Penawawa, Spillman, Tammy (P), Treasure, ((Herquie_7)) Wadual, Wakanz, Wampum, Wared, Waverly, WestBred 881 (P), WestBred 906R (P), WestBred 911 (P), WestBred 926 (P), WestBred Sprite, WS-1 (P), ((W-444-{P}_7)) Yecora Rojo
Wheat, winter	Andrews, Basin (P), Batum, Cashup (P), Crew Daws, Dusty, Hatton, Hill-81, Hyak, John, Lewjain, Madsen, <u>Malcolm</u> , McCall, Moro, Nugaines, ((Paha_7)) Sprague, Stephens, <u>Syringa</u> , Tres, Tyee, Wanser

Triticale, spring Juan, Whitman

Triticale, winter Flora

(P) means proprietary

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

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

Registered seed is eligible to produce certified seed.

Certified seed is not eligible for recertification.

AMENDATORY SECTION (Amending Order 1831, filed 6/15/84)

WAC 16-316-715 MISCELLANEOUS FIELD AND SEED INSPECTION STANDARDS. (1) The field inspection will be made:

- (a) For field pea - when seedcrop is in full bloom;
- (b) For lentil - when seedcrop is in full bloom;
- (c) For soybean - when seedcrop is in full bloom and/or of mature color;
- (d) For sorghum - when seedcrop is in full bloom, and optionally again when seedcrop begins to show mature color;
- (e) For small grains - when seedcrop is fully headed and of mature color.

(2) Any condition or practice which permits or causes contamination of the seedcrop, such as failure to prevent seed formation in bindweeds, Canada thistle or jointed goatgrass, or excess weeds, or mechanical field mixing, shall be cause for rejection upon inspection for field standards. Fields rejected for jointed goatgrass at first inspection are not eligible for reinspection and shall remain ineligible for any future production of certified classes of small grain seed until such time a reclamation program is developed. Fields rejected for other causes will remain eligible for reinspection.

(3) No prohibited noxious weed seeds are permitted upon inspection for seed standards.

(4) Germination minimum refers to germination when sampled.

(5) If chemically controllable seed-borne diseases are noted upon inspection for field standards and seed standards for small grains, treatment of seed is required.

AMENDATORY SECTION (Amending Order 1976, filed 5/13/88)

WAC 16-316-724 SMALL GRAINS STANDARDS. (1) Small grains (barley, oat, wheat, and field standards:

CLASS	LAND STANDARDS MINIMUM YEARS	ISOLATION STANDARDS MINIMUM FEET	(1)
Foundation	1*	((3)) 90**	
Registered	1*	3**	1/1
Certified	1*	3**	1/1

- * Waived if the previous crop was grown from an equal or higher certified class.
- ** Refers to distance from other small grain fields. In addition, each certified class must be isolated from fields producing a certified class of the same variety of small grain fields by six hundred sixty feet. Each triticale field for certified class must be isolated from fields producing a certified class of the same variety by three feet, and from fields by three hundred feet for foundation and registered classes unless stated by plant breeder.
- *** Refers to other small grains, except that no rye or triticale is permitted and vetch is permitted.

(2) Small grains - seed standards:

CLASS	OTHER SMALL GRAINS AND/OR OFF-TYPE MAXIMUM SEEDS/LB	PURE SEED MINIMUM %	INERT MAXIMUM %	OTHER CLASS MAXIMUM %
Foundation	None	98.00	2.00	None
Registered	2	98.00	2.00	0.03%
Certified	4	98.00	2.00	0.05%

No rye or triticale is permitted in barley, oat or wheat; no vetch is permitted.

** Other tolerances for weed seed:

	OBJECTIONABLE WEED SEED MAXIMUM
Foundation	None
Registered	None
Certified	1/lb

AMENDATORY SECTION (Amending Order 1757, filed 3/31/82, effective 5/1/82)

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

Variety	Minimum Purity	Minimum Germination	Maximum* Other Crop	Maximum** Weed
Merion Kentucky Bluegrass	95%	80%	0.1%	.02%
Other varieties of Kentucky Bluegrass	97%	80%	0.1%	.02%
Red Fescue	98%	90%	0.1%	.02%
Chewings Fescue	98%	90%	0.1%	.02%
Tall Fescue	98.5%	85%	0.1%	.02%

*Must be free of ryegrass, orchardgrass, timothy, bentgrass, big bluegrass, *Poa trivialis*, ((smooth)) brome, reed canarygrass, tall fescue, clover, meadow foxtail and Canby bluegrass. Maximum allowable Canada bluegrass .02%. When the base sample is one of these kinds, the species will not be considered a contaminant (i.e., tall fescue in tall fescue).

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

AMENDATORY SECTION (Amending Order 1695, filed 5/30/80)

WAC 16-316-622 RYEGRASS STANDARDS. Seed standards for sod quality ryegrass seed are as follows:

Variety	Minimum Purity	Minimum Germination	Maximum* Other Crop*	Maximum*** Weed
Ryegrass**	98%	90%	0.10%	.02%

*Must be free of orchardgrass, timothy, bentgrass, big bluegrass, *Poa trivialis*, ((smooth)) brome, reed canarygrass, tall fescue, clover and meadow foxtail. Maximum allowable Canada bluegrass 0.02%.

**Maximum fluorescence levels as determined by breeder or variety owner.

***Must be free of dock, chickweed, crabgrass, plantain, black medic, annual bluegrass, velvetgrass, short-awn foxtail, and prohibited noxious weed seeds. An additional 0.07% of bromus spp. will be allowed.

AMENDATORY SECTION (Amending Order 2005, filed 5/22/89)

WAC 16-316-800 GRASS VARIETIES ELIGIBLE. (1) Following are the grass varieties eligible and the certifying scheme for each:

Bentgrass: (subject to poa annua quarantine)	Seaside Creeping*** Putter Creeping* Emerald Creeping**
Big Bluegrass:	Sherman**
Canada Bluegrass: (subject to poa annua quarantine)	Reubens**
Canby Bluegrass:	Canbar**
Kentucky Bluegrass: (subject to poa annua quarantine)	A-34 (Bensun)** Abbey** Adelphi** <u>Alene*</u> Alpine* Amason* (Amazon*) America* Ampellia* Argyle** <u>Aspen*</u> Banff** Barblue*ppv Baron** Birka* Bono (Birdie)* Bronco* Chateau** Cheri (Golf)* Classic** Coventry** Destiny* Dawn* Eclipse* Enmundi*ppv Estate* Freedom* Fylking** Georgetown** Geronimo* Glade** Haga* Harmony* Holiday* Huntsville* Ikone** Julia* <u>Kelly*</u> Kenblue* Kyosti* Leikra* Liberty** Limosine* Majestic** Merion** Monopoly* Mystic* Nassau** Newport** Nugget* Nutop*

Parade*
 Park**
 Paso*
 Pennstar*
 Plush*
 Princeton 104*
 Ram I*pvv
 Rugby*
 Scenic*
 Suffolk*
Summit
 Swing*
 Sydsport*
 S-21**
 Tendos*
 Touchdown**
Trenton*
 Troy**
 Wabash*
 Welcome*
 1757*

Rough Bluegrass:

Colt*

Meadow Brome:

Regar**

Mountain Brome:

Bromar**

Smooth Brome:

Baylor*
 Beacon*
 Bravo*
Cottonwood*
 Jubilee*
 Manchar**
 Rebound*
 Saratoga*

Fescue:
 (subject to poa annua
 quarantine - except tall
 fescue)

Countess Chewings**pvv
Amigo Tall*
 Arid Tall*
Atlanta Chewings*
Avanti Tall
 Barcel Tall**pvv
 Barfalla Chewings**
 Barfalla Chewings**
 Baruba Chewings
Dover Chewings*
 Durar Hard**
 Finelawn 1-Tall**
 Joseph Idaho**
Mary Chewings*
 Nezpurs Idaho*pvv
 Logro ((Slender-Creeping))
 Red**pvv
 Chesapeake Tall*
 Manade Tall*
 Mesa-Tall ((Turf-Type))
 Rebel Tall*
5 DM Tall*
88001 Red**
 Safe Tall*
 Southern Cross Tall*
 Covar Sheep**
 Fawn Tall*
 Beaumont Meadow*

First Meadow**
 Forager Tall*
 Wrangler-Tall* ((Turf-Type))

Orchardgrass:

Hay King*
 Hay King II*
 Latar**
 Natsumidori (summer green)*
 Paiute**
 Pennlate*
 Potomac*

Redtop:

Streaker*

Indian Ricegrass:

Nezpar**

Perennial Ryegrass:
 (subject to poa annual
 quarantine)

All*Star**
Dandy*
Delray*
 Friend**pvpV
Goalie*
NK_200**
Pennfine*
 Ranger**
Target*
89001*

Puccinellia distans:

Fults*

Timothy:

Clair*
 Climax*
 Hokuo*
 Hokusen*
 Kempus*
 Kunpu*
 Nosappu*
 Promesse*
 Senpoku*

Wheatgrass:

Whitmar Beardless**
 Secar Bluebunch**
 Fairway Crested*
 Ruff Crested*
 Nordan Crested**
 Ephraim ((Rhizomatous)) Crested**
 Greenar
 Intermediate**
 Oahe Intermediate*
 Tegmar Intermediate*
 ((Siberian**))
 Greenleaf Pubescent*
 Luna Pubescent**
 Topar Pubescent**
 P-27 Siberian**
 Sodar Streambank**
 Critana Thickspike**
 Alkar Tall**

Basin Wild Rye:

Magnar**

Russian Wild Rye:

Bozoisky Select**

(2) Variety restrictions.

	NO. OF SEED HARVESTS		CERTIFIED
	FOUNDATION	REGISTERED	
(a) Kentucky Bluegrass:			
Baron	5		5
Birka	2	+ 3 Cert.	5
Enmundi	4		5
Georgetown	5		5
Geronimo	6		6
Kenblue	5		7
Majestic	3	+ 5 Cert.	5
Parade	5		5
Ram-I	2		6
Rugby	3	+ 2 Cert.	5
Sydsport			5
Touchdown	2	+ 5 Cert.	5
(b) Orchardgrass:			
Pennlate	3		6

AMENDATORY SECTION (Amending Order 1930, filed 5/22/87)

WAC 16-316-815 OTHER CLOVER VARIETIES. Following are the other clover varieties eligible and the certification scheme for each:

White Clover:

Star*

Aran**pvpV

Barbian*

AMENDATORY SECTION (Amending Order 2005, filed 5/22/89)

WAC 16-316-820 ALFALFA VARIETIES ELIGIBLE. (1) Following are the alfalfa varieties eligible and the certification scheme for each:

Agate*

Anchor*

Anstar*

Answer*

Aquarius*

Apollo II*

Armor*

Arrow*

Atlas*

Atra-55*

Baker*pvpV

Big Ten*

Blazer*

Centurion*

Challenger*

Chief**

Cimarron*

Cimarron VR*

Classic*

Commodor*

Crown*

Crown II*

Crusader**

DK-125*

DK-135*
 Drummor*
 Eagle*
 Elevation*
 Endure*
 ((Excaliber*))
Excalibur*
 Gladiator*
 G-2815*
 G-7730*
 GH-737**
 Hi-Phy*
 Honeoye*pvvV
 Iroquois*
 Julius*
 Legend*
 Magnum III*
 Maxim*
 Mesilla**
 Mohawk*
 Oneida*pvvV
 Oneida VR*
 Peak*
 Perry*
 Phytor*
 Polar II*
 Preserve*
 Primal*
 Ranger**
 Riley*
 Saranac*
 Saranac AR*pvvV
 Shenandoah*
 Shield*
 Sparta*
 Spredor 2*
 Summit*
 Sure*
 Sverre*
 SX-217*
 SX-418*
 Trumpetor*
 Turbo*
 Ultra*
 Vernal*
 Vancor*
 Vernema*
 Vista*
 WL-220*
 Weevlchek*
 WL-221*
 WL-225*pvvV
 WL-312*
 WL-313*
 WL-315*pvvV
 WL-316*pvvV
 WL-318*
 WL-320**pvvV
 Wrangler*
 88*
 120*
 123*
 130*
 521*
 520*
 526*
 530*

531*
 532*
 581*
 5262*
 5432*
 5373*
 5444*
 624*
 629*

(2) Variety restrictions.

	NO. OF SEED HARVESTS			Certified
	Breeder	Foundation	Registered	
Answer		2		5
Apollo II				3
Baker	2	3		6
Blazer		3		
Challenger	2	3		5
Chief		3	3	5
Crusader		3	3	5
Drummor	2	3		5
G-7730		3		5
GH 737		3	3	5
Honeoye		3		6
Iroquois		3		6
Oneida		3		6
Peak		3		
Perry	2	3		6
Preserve	2	3		5
Polar II	2	3		5
Saranac		3		6
Saranac AR		3		6
Spredor 2	2	3		5
Trumpetor	2	3		5
Vancor	2	3		5
Vernema		4		6
WL-221		3		
WL-225		3	3	5
WL-313		3		
WL-315		3		5
WL-320		3	3	5
WL-316		3		5
Wrangler				6
120		3		
123		2		4
130		3		5
526		3		5