

FROM: AGRICULTURE
(Name of Agency)

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

The enclosed rules Permanent rules , being Order No. 1504
Emergency rules

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

grass seed certification standards.

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

pursuant to Notice No. 7441 ^① filed with the code reviser
on March 4, 1977 ^② were regularly adopted as permanent rules of
(date)
this agency at Olympia on 3/31/77 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 April 30, 1977. ^③

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

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

The undersigned hereby certifies that the requirements of chapter 34.04 RCW and of the Open Public Meetings Act of 1971, chapter 42.30 RCW have been fulfilled.

Dated this thirty-first day of March 1977.

STATE OF WASHINGTON
FILED
MAR 31 1977

AGRICULTURE
(AGENCY)
Ivan Packard
By Ivan Packard
Deputy Director
Title

CODE REVISER'S OFFICE
DOCKET # 8083 FILE # 29

① Notice number as appears on the copy of notice returned to you by reviser's office (if proceedings were continued, use no. of last notice)
② Stamped date as appears on the copy of notice returned to you by reviser's office (if proceedings were continued, use date of last notice)
③ Unless a later date is specified in this order or is prescribed in another statute, rules are effective 30 days after filing:
RCW 34.04.040. Leave this space blank except in such special cases.
[Order 9, filed 9/25/74, eff. 10/25/74] [Form CR-2: Rev. 9/21/74]

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE

ADMINISTRATIVE ORDER NO. 1504

(1) I, GARY STROHMAIER, Director, Department of Agriculture of the State of Washington, by virtue of the authority vested in me under chapters 34.04 RCW, and 15.49 RCW after due notice and after carefully and fully considering the oral and written views of the public received in a meeting open to the public held in the Department of Agriculture Conference Room, 2015 South First Street, Yakima, Washington on March 24, 1977

as required by chapters 34.04 and 42.30 RCW, do promulgate and adopt the annexed rules and regulations, to wit:

AMD: WAC 16-316-360 and WAC 16-316-370 of chapter 15.49 RCW relating to the seed standards and isolation requirements for the certification of grass seed.

as permanent rules of this agency.

(2) This order after being first recorded in the order register of this agency shall be forwarded to the Code Reviser for filing pursuant to chapter 34.04 RCW and chapter 1-12 WAC.

APPROVED AND ADOPTED March 31 1977

By Gary Strohmaier
Gary Strohmaier

DIRECTOR

Title

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			15 feet
80% Apomictic - - - A	60 feet	30 feet	clean fallow
Highly Self-Fertile			15 feet
Species - - - - - S	60 feet	30 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 Planted	Distance Required From Nearest Field Producing:
Breeder	Foundation	Registered----150 feet
"	"	Certified-----225 feet
Foundation	Registered	Certified----- 75 feet

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

- (a) Field producing Foundation or Registered shall be a minimum of 15 feet from field planted with different class of same variety.
- (b) Field producing Certified seed shall be a minimum of five feet from field planted with different class of the same variety.

(4) Border removal for grass isolation: If it is not possible to provide minimum isolation distances for fields exceeding 5 acres in area, border removal is permitted. Border removal requires removal of the portion of the field being certified that is adjacent to the contamination 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 feet	900 ft.	300 ft.	165 ft.
15 feet	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; if everything is in order, the field will be passed and the border strip can be harvested as uncertified seed.

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

Crop & it's type of Reproduction	Symbol (as defined in 16-316-360)	Min.% Germ Fndt.	Cert.	Min.% Pure Fndt.	Reg.	Max.% Inert Fndt.	Reg.	Max.% Weeds Fndt.	Reg.	Max.% Other crop Fndt.	Reg.	Max. No. seeds of other grass spp.
Bluegrass												
Sherman	(A)	70	70	90	90	10	10	.05	.3	.1	.5	1/10 grams 1/1 grams
Kentucky	(A)	80(e)	80	97	97(d)	3	3	.05	.3	.1	.5(d)	1/10 grams 1/1 grams
Merion Kentucky	(A)	80(e)	80	92	92(d)	8	8	.05	.3	.1	.5(d)	1/10 grams 2/1 grams
Canada	(A)	80	80	96	96(d)	4	4	.05	.3	.1	.5(d)	1/10 grams 1/1 grams
Smooth Brome	(C)	80	85	95	95	5	5	.05	.3(c)	.1	.5	1/50 grams 10/50 grams
Deertongue	(C)	50	50	97	97	3	5	.50	.5(c)	1.0	1.0	1% -----
Fescue												
Tall	(C)	80	85	95	97	5	3	.03	.3(c)	.1	.5	2/50 grams 10/50 grams
Hard Fescue	(C)	80	85	95	95	5	5	.03	.3(c)	.1	.5	1/50 grams 5/50 grams
Other Fescue	(C)	80	90	95	95	5	5	.03	.3(c)	.1	.5	1/50 grams 5/50 grams
Orchardgrass	(C)	80	85	85	90	15	10	.03	.3(c)	.1	.5	3/50 grams 10/50 grams
Ryegrass	(C)	85(g)	90(g)	96	98	4	2	.1	.3(c)	.1	.5	1/50 grams 5/50 grams
Pennfine	(C)	85(g)	85(g)	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(c)	.1(f)	.5	1/50 grams 5/50 grams
Intermediate	(C)	80	85	95	95	5	5	.1	.3(c)	.1(f)	.5	1/50 grams 5/50 grams
Pubescent	(C)	80	85	95	95	5	5	.1	.3(c)	.1(f)	.5	1/50 grams 5/50 grams
Streambank	(C)	80	85	90	90	10	10	.1	.3(c)	.1(f)	.5	1/50 grams 5/50 grams
Crested, Siberian	(C)	80	85	90	95	10	5	.1	.3(c)	.1(f)	.5	1/50 grams 5/50 grams
Slender	(S)	80	85	90	95	10	5	.1	.3(c)	.1(f)	.5	1/50 grams 5/50 grams
Tall	(C)	80	85	95	95	5	5	.1	.3(c)	.1(f)	.5	1/50 grams 5/50 grams

(a) Not to exceed twenty-five hundredths of one percent (.25%) other grass species for certified seed.
 (b) Grass seed must not contain more than 45 per lb. for registered seed, 90 per pound for blue tag seed, singly or collectively, or objectionable weeds. (see current general rules.) Grass seed must be free of the seed of prohibited noxious weeds.
 (c) A tolerance of .5% will be allowed for samples containing weedy bromus spp., provided the total of all other weed seeds does not exceed .3%.
 (d) A 3% tolerance of other Kentucky Bluegrass varieties will be allowed in Merion. (Note: containing minimum 92% Merion.) In a Kentucky Bluegrass other than Merion, 2% of varieties other than the variety certified will be allowed. In Canada bluegrass 2% Kentucky bluegrass will be permitted.
 (e) A standard tetrazolium (200 seed) test may be used in lieu of germination test.
 (f) 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.
 (g) Acceptable maximum fluorescence allowed:

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