

**WAC 16-302-685 Small grains standards for seed certification.**

(1) Land, isolation, and field standards for small grains (barley, oat, rye, triticale, and wheat) seed certification are:

**LAND, ISOLATION, AND FIELD STANDARDS**

CLASS	LAND STANDARDS MINIMUM YEARS	ISOLATION STANDARDS MINIMUM FEET	OFF-TYPE MAXIMUM HEAD RATIO	OTHER CROP MAXIMUM HEAD RATIO	WILD OAT MAXIMUM PLANTS/ACRE
Foundation	2 (a)	50 same genus (b) 3 different genus	None found	None found (c), (d)	None found
Registered	1 (a)	10 same genus 3 different genus (b)	1/148,000	1/148,000 (c)	5
Certified	1 (a)	10 same genus 3 different genus (b)	1/49,000	1/49,000 (c)	5

- (a) Waived if the previous crop is grown from an equal or higher certified class of seed of the same variety.
- (b) Each rye field for certification must be isolated by three feet from fields producing a certified class of the same variety, and by six hundred sixty feet from other rye fields. Each triticale field for certification must be isolated by three feet from fields producing a certified class of the same variety, and by three hundred feet from other triticale, rye and wheat fields for foundation and registered class, and ten feet for certified class, unless otherwise stated by the plant breeder.
- (c) Refers to other small grains, except that no rye or triticale is permitted in barley, oat, or wheat; and no vetch is permitted in barley, oat, rye, triticale, or wheat.
- (d) Only one reinspection is allowed for foundation fields when triticale is found in the first inspection. Additional inspections are allowed if the field is downgraded to the registered or certified class.

(2) Small grains - Seed standards:

For CLEARFIELD and CoAXium varieties: For all classes - Each lot must pass bioassay or PCR as defined by the trait owner.

Class	Foundation	Registered	Certified
Pure seed % (minimum)	98	98	98
Inert % (maximum)	2	2	2
Off-type (a) % (maximum)	None found	2/lb	4/lb
Other small grain excluding triticale and rye (a) (maximum)	None found	1/lb	2/lb
Triticale allowed in wheat and rye	None found	None found	None found
Triticale allowed in oats and barley	None found	None found	1/lb
Other crop (b) % (maximum)	None found	0.03	0.05
Weed seed % (maximum)	0.01	0.01	0.03
Objectionable weed seed (c) (maximum)	None found	None found	None found
Wild oat (maximum)	None found	None found	None found (d)
Viability (e) % (minimum)	85	85	85

- (a) The combination of other small grain and off-type must not exceed 2/lb for registered class, and 4/lb for certified class. The tolerance for rye is none found in barley, oat, triticale, or wheat.
- (b) Excluding off-type and other small grain. No vetch is allowed in small grain seed.
- (c) Excluding wild oat.
- (d) 1/lb for certified class oat.
- (e) A certification certificate is issued upon receipt of either an official AOSA tetrazolium or germination test which meets minimum Washington viability standards. NOTE: State and federal seed laws require seed be labeled based on a germination test.

Note: For all classes the purity analysis is based on 100 grams examined. For registered and certified classes, noxious weed, vetch, off-type, and other small grain determinations are based on 500 grams. For foundation class, noxious weed, vetch, off-type, and other small grain determinations are based on 1000 grams examined.

[Statutory Authority: RCW 15.49.005, [15.49].021, [15.49].310, [15.49].370, and 15.140.030. WSR 21-20-101, § 16-302-685, filed 10/4/21, effective 11/4/21. Statutory Authority: RCW 15.49.005, 15.49.081, 15.49.310, 15.49.370(3), and chapter 34.05 RCW. WSR 14-20-050, § 16-302-685, filed 9/25/14, effective 10/26/14. Statutory Authority: Chapters 15.49 and 34.05 RCW. WSR 10-24-102, § 16-302-685, filed 12/1/10, effective 1/1/11; WSR 10-08-028, § 16-302-685, filed 3/31/10, effective 5/1/10. Statutory Authority: RCW 15.49.370(3), 15.49.310 and chapter 34.05 RCW. WSR 04-06-018, § 16-302-685, filed

2/23/04, effective 3/25/04. Statutory Authority: Chapters 15.49 and 34.05 RCW. WSR 02-12-060, § 16-302-685, filed 5/30/02, effective 6/30/02. Statutory Authority: RCW 15.49.005, 15.49.081, 15.49.310, 15.49.370(3) and chapter 17.24 RCW. WSR 00-24-077, § 16-302-685, filed 12/4/00, effective 1/4/01.]