

**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:

<b>LAND, ISOLATION, AND FIELD STANDARDS</b>						
<b>CLASS</b>	<b>LAND STANDARDS MINIMUM YEARS</b>	<b>ISOLATION STANDARDS MINIMUM FEET</b>	<b>OFF-TYPE MAXIMUM HEAD RATIO</b>	<b>OTHER CROP MAXIMUM HEAD RATIO</b>	<b>TRITICALE PLANTS PER ACRE IN BARLEY, WHEAT, AND OAT</b>	<b>WILD OAT MAXIMUM PLANTS/ACRE</b>
Foundation	2 (a)	50 same genus (b) 3 different genus	None found	None found (c)	None found (d)	None found
Registered	1 (a)	10 same genus 3 different genus (b)	1/148,000	1/148,000 (c)	None found (d)	5
Certified	1 (a)	10 same genus 3 different genus (b)	1/49,000	1/49,000 (c)	None found (d)	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 varieties: For all classes - Each lot must pass the CLEARFIELD Confirm test by bioassay or PCR as defined by the trait owner. The CLEARFIELD Confirm test verifies that the seed is resistant to the Imazamox herbicide.

<b>Class</b>	<b>Foundation</b>	<b>Registered</b>	<b>Certified</b>
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 (a) (maximum)	None found	1/lb	2/lb
Triticale allowed in wheat (f)	None found	None found	1/1000 grams
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, or wheat. The tolerance for rye is none found in triticale. The tolerance for triticale is none found in rye.

(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.

(f) In wheat, the foundation standard is based on a 1000 gram crop exam. The registered standard is based on a 500 gram crop exam. The certified standard is based on a 500 gram crop exam. If one triticale seed is found in 500 grams, a second 500 gram crop exam is required for a total 1000 gram crop exam. No triticale is allowed in the second 500 grams with the total standard of 1 triticale seed per 1000 grams allowed.

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 examined except as allowed in footnote (f) of this subsection. 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**, **15.49.081**, **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.]