

Allowable Described Variants 2008

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Variety	Variant	Number Allowed
942R (HW9W02-942R)	Taller (>10 cm) Red Chaff Awnless	0.5% (5per 1,000) 0.01% (1 per 10,000) 0.03 (3 per 10,000)
1271R (HV9W96-1271R) Armour	Taller (> 10 cm) Red Chaff Awnless	0.4% (4 per 1000) 0.02% (2 per 10,000) 0.02% (2 per 10,000)
2137	Slightly shorter Taller and slightly later awnless	50 per 5,000 1 per 5,000 1 per 10,000
2145	Brown Glume Slightly Taller Different beak and glumes Characters (shorter beaks)	1 per 1000 1 per 1000 1 in 10
2174	Talls in unspecified quantity	
336 Winter Triticale	Taller or taller with white chaff Awnless Awnletted Curled awns	1 per 100 (1%) 1 per 1000(0.1%) 1 per 1000 1 per 1000
7853	Taller (3 to 10 cm) Darker green color Lighter green color	19 per 5,000 5 per 5,000 2 per 10,000
Above	Talls Brown glume color Sensitive to imazamox	1 per 1000 1 per 1000 40 per 1000
Alliance	Red chaff plants Black chaff plants Taller (3-7cm)	10 per 5,000 5 per 10,000 5 per 5,000
APO401CL	Taller (8 to 15 cm Red seeded plants)	7 per 1000 2 per 10000 Up to 1% total variants
APO502CL	Taller (8 to 15 cm) Red seeded plants	7 per 1000 5 per 10,000 Up to 1% total variants
Arapahoe	Taller (5 – 13 cm) An unspecified low level of awnless or red chaff use:	1 per 5,000 1 per 10,000
Arlin	Slightly taller Darker Slightly later Total Above Red seed	 1 per 10,000 15 per 5,000
Art (98x0338-13)	Taller Awnletted	7 per 1000 1 per 1000
Aspen (1383W) (Use ammended tolerance until 2009)	Temporary Variances in place until 2009 use these for 2008 season Taller (5-10) Amended 4.0% Bronze/brown chaff Amended 0.1% Red Seed Amended 0.5%	Use These after 2009 3 per 1000 1 per 1000 5/1000
Avalanche	Talls Brown glume color Red seed coat	1 per 1000 1 per 1000 1 per 200
Bakers White		
Bess	Variants include those that have a lax head with tip awn, were tall and awnletted with light green heads, were blue-green and awnletted, or were short and awned.	up to 1% ?

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Betty	Darker green plants Plants with darker glumes Taller plants Slightly later plants Red seeded plants	5 per 5,000 5 per 5,000 1 per 10,000 1 per 10,000 10 per 5,000
Big Dawg	Talls (2-6") awnletted	43 per 5,000 2 per 5,000
Bond CL	Slightly Taller Brown Glumes Sensitive to Clearfield herbicide	1 per 1000 1 per 1000 40 per 1000
Burchett		
Bullet	Stated uniform no plant variants other than up to 2% white kernels	
Centerfield	uniform, no phenotypic variants	
Champ	Variable height & maturity	50 per 5,000
Colby 94	brown	1 per 5,000
Coronado	Talls (3-6") Awnletted Blue Red chaff	30 per 5,000 4 per 5,000 2 per 5,000 1 per 1000
Cougar	Taller Red chaff	10 per 1,000 10 per 1,000
Cutter	Taller (8 to 15 cm) Awnletted	7 per 1000 1 per 12,000 Up to 1% total variants
Danby	Slightly taller Brown chaff Red seeded	1 per 1000 1 per 1000 1 per 200
Dominator	Talls (2-6") Blue-green at boot stage awnletted	40 per 5,000 4 per 5,000 1 per 5,000
Don oat		
Dumas	5 to 15 cm taller	Up to 50 per 5,000 (1%)
Duster	uniform, no variants	
Endurance	taller, up to 4 inches under good conditions	0.1% (1:1000)
Enhancer	Slightly taller with more erect heads	5 per 5,000
Foster	Awne Tall with compact spike Tall with lax spike	2 per 5,000 1 per 5,000 2 per 5,000
Fuller (KS00F5-14-7)	Taller White chaffed plants	less than 1 per 10,000 1 per 1000
Gem		
Gro-Green Plus triticale (NE96T441)	Taller (10 -20 cm) Shorter (10 – 20 cm) and 3 to 4 days later	1 per 10,000 1 per 8000
GSR 2542	Taller (late tillers tend to tall)	<5 per 5,000
Guymon	described as uniform minimal height variants	
Hatcher	Slightly taller Brown glumes	1 per 1000 1 per 1000
Hawken	Taller Awnletted	7 per 1000 1 per 1000 up to 1
Heyne	Lighter green White to tan glumes Taller Slightly later	5 per 5,000 5 per 5,000 1 per 5,000 1 per 5,000

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	Red seed	10 per 5,000
Hickok	Talls	45 per 5,000
Hondo	Taller (8 to 10cm) Awnletted Green color at boot Total	28 per 5,000 2 per 5,000 6 per 5,000 50 per 5,000
Ike	Taller Red chaff Slightly earlier heading Total	1 per 10,000
<u>Infinity</u>	<u>Taller (10-15cm) awnless with red chaff (other reds would be off-types based on this description)</u>	<u>up to 10 per 1000 total variants</u>
Intrada	Pale bronze	5 per 1000
Jagalene	Taller (8 to 15 cm) Awnletted	7 per 1000 2 per 10,000 Up to 1% total variants
Jagger	Blue-green White to tan glumes Talls Red glumes &/or later	50 per 5,000 5 per 5,000 5 per 5,000 1 per 10,000
Jerry oat		
Kalvesta	Slightly taller with more erect heads	5 per 5,000
Karl and Karl 92	Taller Slightly earlier Off-color beardless Total Karl Total Karl 92	1 per 15,000 1 per 10,000
Karl 92	Slightly taller Slightly darker Slightly later Total	1 per 10,000
Keota	Bronze Chaff Slightly Shorter Longer, more lax head	1 per 10,000 1 per 10,000 1 per 10,000
Keota (980143)	Bronze chaff Longer, more lax head type Slightly shorter plants	1 per 10,000 1 per 10,000 1 per 1000
Kitaro triticale		
Lakin	Red chaff Slightly taller Red seed	<2 per 1000 <2 per 1000 <2 per 1000
Laredo	Talls (2-3")	45 per 5,000
Larned		
Longhorn	5-12 cm taller awned Total	5 per 1,000 1 per 10,000 10 per 1,000
Mankato	Taller and later Light green Red chaffed Awnless	

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	Total	5 per 5,000
Maton rye		
Millenium	Taller (10 – 15 cm) Awnless with red chaff Total	10 per 1,000
Neosho	Taller Bronze chaff Awnless	32/5000 4/5000 4/5000
Niobrara	Taller (8-20 cm) Red chaff	40 per 5,000 5 per 10,000
Nu Horizon	Taller (8 to 15 com) Red seeded variants	7 per 1000 3 per 1000 up to 1% variant plants
NuDakota	Taller (8 to 15 cm) Red seed	up to 10 per 1000 (1%) 8 per 1000
NuFrontier	Taller (8 to 15 cm) Red-seeded variant	8 per 1000 2 per 1000 up to 1% variant plants
NuGrain(96x530w)	Taller (8 to 15 cm) Red seeded	up to 10 per 1000 up to 8 per 1000
NuHills	1.Blue-green at boot stage 2.Taller 3.Red chaff 4.Awnletted Red Seed	2 per 5000 33 per 5000 2 per 5000 2 per 5000 Total 1,2 ,3,4 up to 1% Up to 7 per 1000(0.7%)
NuPlains		
Ogalalla	Talls awnletted	48 per 5,000 2 per 5,000
OK Bullet	white seed	up to 2%
OK101	Tall Variants Bronze-chaffed Tip-awned	“varying frequencies” “very low frequencies” “low frequency”
OK102	Unavailable	
Onaga	Slightly taller Awnless Red chaff	5 per 5,000 5 per 5,000 5 per 5,000
ORO Blanco	Taller (6 to 15 cm) Blue-green at boot stage Awnletted Total	32 per 5,000 2 per 5,000 2 per 5,000 50 per 5,000
Overland, Husker Genetics Brand	Taller (10-15cm) or awnless and/or with red chaff	Up to 1% (10:10,000)
Overley	White or light-tan glumes Taller White-white seed	1 in 200 1 in 5000 1 in 1000
Patton	Taller (8 to 10 cm) Green plant at boot Awned Total	20 per 5,000 10 per 5,000 6 per 5,000 50 per 5,000
Pennbar 66 barley	awnletted longer awns	Total less than 0.5% or 1 per

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		200
Pecos	Awnless 5 to 10 cm taller Total	3 per 5,000 23 per 5,000 50 per 5,000
Platte	Taller (5 to 15 cm) Awnletted Blue green at boot stage Total	6 per 1000 1 per 1000 1 per 1000 Up to 1% total
Platte2	Taller (8 to 15 cm) Awnless Bronze chaff red seeded	7 per 1000 1 per 2500 1 per 2500 8 per 1000
Ponderosa	Talls Bronze chaffed	48 per 5,000 2 per 5,000
Postrock	Taller (8 to 15 cm) White chaff Awnless	7 per 1000 1 per 2500 1 per 2500
Presto triticale		
Pronghorn spring triticale		
Protection CL (CO991132)	White glumes Taller (4-6 inches) White Glumes Sensitive to Clearfield herbicide	1 per 1000 1 per 1000 1 per 1000 40 per 1000
Ripper (prelim descript 3-20-08)	Slightly Taller Brown glumes	1 per 1,000 1 per 1,000
Riser oat		
RonL(KS03HW158)	Slightly Taller Brown glumes Red Seed	1 per 1000 1 per 1000 1 per 200
Rowdy	Talls (3-6") Awnletted blue	24 per 5,000 8 per 5,000 6 per 5,000
Santa Fe (glume color is tan with a gray-brown upper half)	Later Taller Shorter, white chaffed White seeded plants	2 per 1000 1 per 1000 2 per 1000 2 per 1000
Shavano (980926W)	Taller (5-10 cm) Bronze chaff Red seed	4 per 1000 1 per 1000 8 per 1000
Shocker	Use Ammended variances below for 2008 Bronze or brown chaffed plants 0.2% (2 per1000) Slightly taller 2.0% (2 per 100) Later 0.1% (1 per 1000) Awnless 0.001% (1 per 100,000)	Do not use these for 2008 2 per 1000 1 per 1000
Smokey Hill	White chaff Taller	3 per 1000 1 per 1000
Snow White	Red grain Light colored glumes Taller (7 to 13 cm) Glume morph, is variable Shoulders wanting Beaks wanting	5 per 5,000 5 per 5,000 5 per 5,000 5 per 5,000 5 per 5,000
Spartan (CB94005RP)	Taller (5 – 10 mm)	2 per 1000

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	<u>Bronze/Bronze chaff</u>	<u>1 per 1000</u>
Spurs oat		
Stanton	Red chaff Slightly taller	1 per 5,000 1 per 5,000
Sturdy 2K	UNAVAILABLE	
T136 (QA)		
T151		
T81	Awnless Brown glumes Taller	6 per 1000 3 per 1000 3 per 1000
TAM 107	Whites & tall reds Tall whites	5 per 5,000 5 per 5,000
TAM 110	Talls (twice head length) White chaffed	5 per 5,000 5 per 5,000
TAM 111	Taller (4 –6 inches) Red chaff color Awnless	2 per 1000 1 per 1000 1 per 1000
TAM 112		
TAM 203	Taller (2 to 4 inches)	0.01% (1 per 10,000)
TAM 302	Taller (6 – 12") Red chaff	1 per 2,000 1 per 1,000
TAM 304	Taller (4 to 6 inches)	0.01% (1 per 10,000)
Tambar 500 winter barley		
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TamCale 5019(Triticale)	no variants listed	0
Tarkio	Slightly Taller Bronze Chaff	2 per 10,000 1 per 1000
Thunderbolt		
Tomahawk	Taller (3 to 10 cm)	50 per 5,000
Trego	Red chaff plants Taller plants Red-seeded plants (increased Sept 05)	1 per 5,000 1 per 5,000 10 per 5,000
TriCal 102 (Triticale)	Fully awned, moderate to dense neck hair Tan to light brown glumes	1 per 3500 1 per 5000
Triumph 64		
Truman	no stated variants	
Turkey		
Tut	Taller (approx. 13 cm)	1 per 10,000
Venango		
Vero rye		
Vista	Taller, later Red chaff plants	5 per 5,000 1 per 10,000
Vona	Tall awnless	1 per 10,000
Wesley	<u>Taller (4-8 Inches) with red or white chaff with a larger head Up to 6 "</u>	<u>10 per 1000</u>
Windstar	Taller, oblique shldrs, med short beaks Red chaffed plants	5 per 5,000 1 per 20,000
<u>Winterhawk</u>	<u>Taller (5-10mm)</u> <u>Brown/bronze chaff</u>	<u>1 per 1000</u> <u>1 per 1000</u>