



ColoradoSeedGrowers & CSU Agronomy Foundation Seed



Colorado State University
COLLEGE OF AGRICULTURAL SCIENCES

Foundation To Certified Wheat Seed

The Pipeline Moving Wheat Varieties Developed by CSU to the Grower

Field Inspection Standards

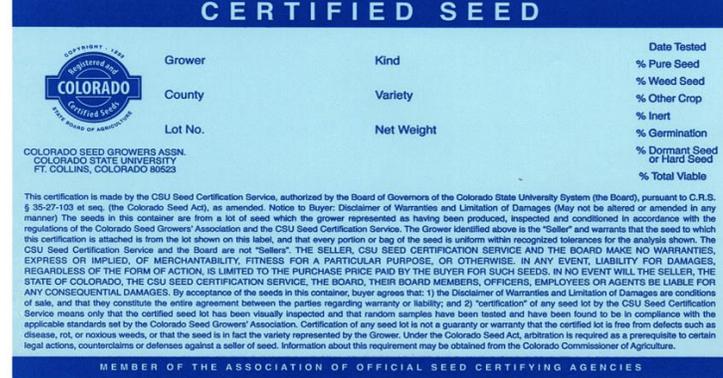
	Foundation	Registered	Certified
Crop History	2 years out	2 years out	1 year out
Other Varieties	<1:3000	<1:2000	<1:1000
Other Crops	<1:10,000	<1:10,000	<1:2000
Rye	Zero	Zero	Zero
Triticale	Zero	Zero	<1:2000
Noxious Weeds -Inseparable	Zero	Zero	Zero
Jointed Goatgrass	<3/100 ft ²	<3/100 ft ²	<3/100 ft ²



Certified Wheat Seed Benefits

- Fields producing seed are surveyed for the presence of weeds, off-types, other types and varieties, disease, etc.
- Seed is stored to maintain genetic purity.
- Seed is cleaned by a CSGA Approved Seed Conditioner to ensure significant removal of any weed seed, inert matter, etc.
- Seed is Laboratory tested for purity, germination, seed count and additional requirements such as KOH (for white wheat varieties), Clearfield tolerance (for CL wheat varieties), Aggressor tolerance (Co-Axium varieties).
- An excellent way to purchase the latest high yielding varieties and latest pest resistance and tolerance traits.
- Certified wheat seed is a key component for identity preserved markets like white wheat.
- Final Certification status is only granted once all field and lab requirements are met.
- Certified wheat seed is properly labeled at time of sale with a bag/tote tag, bulk tag or bulk sales certificate.

Certified Seed is identified by a special label, issued by the Certification Agency (CSGA).

 <p>CERTIFIED SEED</p> <p>Grower: _____ Kind: _____ Date Tested: _____</p> <p>County: _____ Variety: _____ % Pure Seed: _____</p> <p>Lot No.: _____ Net Weight: _____ % Weed Seed: _____</p> <p>_____ % Other Crop: _____</p> <p>_____ % Inert: _____</p> <p>_____ % Germination: _____</p> <p>_____ % Dormant Seed of Hard Seed: _____</p> <p>_____ % Total Viable: _____</p> <p><small>COLORADO SEED GROWERS ASSN. COLORADO STATE UNIVERSITY FT. COLLINS, COLORADO 80523</small></p> <p><small>This certification is made by the CSU Seed Certification Service, authorized by the Board of Governors of the Colorado State University System (the Board), pursuant to C.R.S. § 35-27-103 et seq. (the Colorado Seed Act), as amended. Notice to Buyer: Disclaimer of Warranties and Limitation of Damages (May not be altered or amended in any manner) The seeds in this container are from a lot of seed which the grower represented as having been produced, inspected and conditioned in accordance with the regulations of the Colorado Seed Growers' Association and the CSU Seed Certification Service. The Grower identified above is the "Seller" and warrants that the seed to which this certification is attached is from the lot shown on this label, and that every portion or bag of the seed is uniform within recognized tolerances for the analysis shown. The CSU Seed Certification Service and the Board are not "Sellers". THE SELLER, CSU SEED CERTIFICATION SERVICE AND THE BOARD MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE, IN ANY EVENT, LIABILITY FOR DAMAGES, REGARDLESS OF THE FORM OF ACTION, IS LIMITED TO THE PURCHASE PRICE PAID BY THE BUYER FOR SUCH SEEDS. IN NO EVENT WILL THE SELLER, FOR THE STATE OF COLORADO, THE CSU SEED CERTIFICATION SERVICE, THE BOARD, THEIR BOARD MEMBERS, OFFICERS, EMPLOYEES OR AGENTS BE LIABLE FOR ANY CONSEQUENTIAL DAMAGES. By acceptance of the seeds in this container, buyer agrees that: 1) the Disclaimer of Warranties and Limitation of Damages are conditions of sale, and that they constitute the entire agreement between the parties regarding warranty or liability; and 2) "certification" of any seed lot by the CSU Seed Certification Service means only that the certified seed lot has been visually inspected and that random samples have been tested and have been found to be in compliance with the applicable standards set by the Colorado Seed Growers' Association. Certification of any seed lot is not a guaranty or warranty that the certified lot is free from defects such as disease, rot, or noxious weeds, or that the seed is in fact the variety represented by the Grower. Under the Colorado Seed Act, arbitration is required as a prerequisite to certain legal actions, counterclaims or defenses against a seller of seed. Information about this requirement may be obtained from the Colorado Commissioner of Agriculture.</small></p> <p><small>MEMBER OF THE ASSOCIATION OF OFFICIAL SEED CERTIFYING AGENCIES</small></p>	<p>Colorado Seed Programs Soil & Crop Sciences, CSU Fort Collins, CO 80523-1170 970-491-6202</p> <p>Laura Pottorff – Director of Seed Programs Linda Munk – CSGA & Seed Certification Manager Barry Ogg – Foundation Seed Manager Randy Crowl – Colorado Seed Lab Manager</p>
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It Pays to Plant the Best! Colorado Certified Wheat Seed



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From: USDA National Agricultural Statistics Service Mountain Regional Field Office - February 28, 2022

- Amount of wheat seeded in the fall of 2021 for harvest in the fall of 2022: 2.10 million acres

Winter Wheat: Reported Percent Planted by Variety, Colorado, 2015-2022 1/

10 top make up 67.5% of states' acreage

Variety	2015 Crop	2016 Crop	2017 Crop	2018 Crop	2019 Crop	2020 Crop	2021 Crop	2022 Crop
Langin	---	---	---	1.2	9.0	20.1	20.7	17.0
Byrd	28.5	33.2	24.7	28.4	14.9	12.8	13.1	10.6
Avery	---	---	0.7	12.9	13.0	18.8	14.2	10.2
Crescent AX	---	---	---	---	---	1.6	5.5	9.0
Hatcher	18.0	13.5	10.8	5.0	3.8	4.1	4.8	5.2
Fortify SF	---	---	---	---	---	---	0.9	5.1
Byrd CL Plus	---	---	---	---	---	0.7	2.9	4.3
Guardian	---	---	---	---	---	---	---	2.4
LCS Mint	---	0.5	2.4	1.6	1.3	1.9	2.8	1.9
WB 4515	---	---	---	---	---	0.4	0.6	1.8
Brawl CL Plus	12.8	9.0	10.8	7.7	6.4	2.8	4.1	1.7
Snowmass 2.0	---	---	---	---	---	1.1	2.6	1.7
Canvas	---	---	---	---	---	1.2	2.3	1.5
WB 4483	---	---	---	---	---	---	---	1.4
WB 4792	---	---	---	---	---	---	1.7	1.4
Breck	---	---	---	---	0.5	0.9	1.6	1.2
Prairie Red	0.6	---	0.9	---	0.5	---	0.5	1.0
SY Wolverine	---	---	---	---	---	---	---	0.9
Whistler	---	---	---	---	---	---	---	0.9
Judee	---	---	---	---	---	---	---	0.8
TAM 114	---	---	---	0.7	1.1	0.6	1.6	0.7
Winterhawk	2.3	3.6	2.8	0.7	0.9	1.6	0.4	0.7
WB-Grainfield	---	1.0	1.0	0.8	1.7	---	---	0.6
NuGrain	---	---	---	---	0.5	---	0.6	0.4
AP18 AX	---	---	---	---	---	---	---	0.3
Warhorse	---	---	---	---	---	---	---	0.3
Other & Unk 2/	37.8	39.2	45.9	41.0	46.4	31.4	19.1	17.0
TOTAL	100.0							

1/ Dashes indicate either none or minor amount reported. 2/ Includes minor and older varieties that have become less popular. Source: USDA/NASS Colorado Agricultural Statistics Service

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☐ = Variety developed by CSU Wheat Breeding Program, released, and marketed by the Colorado Wheat Research Foundation and delivered to farmers via the Foundation to Certified Seed system.

- 57.8% of the wheat planted in Colorado is Certified Wheat Seed.