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Colorado Seed Growers Association

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## DISCLAIMER

**The Colorado Seed Growers Association is not the producer, processor, or seller, and therefore makes no warranties, expressed or implied, of merchantability, fitness for a particular purpose, or otherwise.**

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## **CSGA Officers**

Ryan Kanode, President	Haxtun
Danell Kalcevic, Vice President	Bennett
Walter Henes, Secretary	Dolores
Ryan Hillin, Treasurer	Monte Vista

## **Directors**

Shawn Beiriger	Monte Vista
Wayne Brew	Olathe
Sally Jones - Diamond	CSU Extension
Dr. Esten Mason	CSU SOCR
Bob Mattive	Monte Vista
Jim Mertens	New Raymer
Craig Schenck	Holly
Justin Wagers	Woodrow

## **CSGA Staff**

Linda Munk	Certification Manager
Dr. Behroze Rostami	Field Manager
Dayna Kozlowski	Wheat Inspector
Melanie Lingo	Wheat Inspector
Rick Martinez	Wheat Inspector
Gerry Miyoshi	Wheat Inspector
Ken Namuth	Wheat Inspector
Steve Perry	Wheat Inspector
Steve Starkebaum	Wheat Inspector
Danielle Wollert	Wheat Inspector

## **CSU Agronomy Foundation Seed**

Barry Ogg	Manager
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## **Colorado Seed Laboratory**

Randy Crowl	Manager
Rochelle Gorman	Analyst
Lauren Haid	Analyst
Lauren Martin	Analyst

## **Seed Programs**

Laura Pottoroff	Director of Seed Programs
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## **Foreword**

The Colorado Seed Growers Association (CSGA) is a non-profit educational and service organization, affiliated with Extension of Colorado State University and authorized by the Colorado State Legislature as the official seed certifying agency in Colorado. Growers listed in this directory are members of the CSGA, producing certified seed in accordance with the rules and regulations of the Association. CSGA is a member of the Association of Official Seed Certifying Agencies (AOSCA). AOSCA is an organization composed of agencies responsible for seed certification in the United States, Canada, Argentina, Australia, Chile, New Zealand, Panama and South Africa. The following listings include fields eligible for certification in 2025. Each seed producer is responsible for maintaining the integrity of the certifiable seed listed herein. Final certification and the right to represent the seed as certified is dependent upon the results of field inspection, proper seed conditioning and laboratory analysis.

Growers warrant that seed sold by them conforms to the standards of the CSGA and to applicable state and federal seed laws. Certified seed may be sold bagged or in bulk. Bagged seed must be packaged in new containers and have an official certified tag or label attached to each bag. Each sale of certified seed in bulk must be accompanied by a bulk sales certificate completed and signed by the producer.

Colorado Seed Law requires that each container be labeled as to its origin, the germination percentage and date tested, percent by weight pure seed, other crop seed, weed seed and inert matter. In addition, the label must contain a lot number or lot identification, along with the name and address of the person who labeled or sold the seed.

The CSGA assumes no financial responsibility for seed listed in this directory or for disagreements over sales which may arise from this list. However, any complaints or irregularities should be reported to the CSGA office.

## **Wheat Stem Sawfly Tolerant Wheats**

The wheat stem sawfly (WSS) is a native grass insect that has emerged as a significant threat to winter wheat in Colorado. Female sawflies lay eggs when they emerge in the spring, inserting eggs into the first available internode. Larvae develop and move down the stem, feeding as they go. Feeding injury weakens the wheat stems, and cutting at the base of the stem by the larvae just prior to harvest causes lodging. Wheat breeding programs are aimed at finding varieties that can tolerate sawfly damage and continue to stand up while sustaining some level of damage from larval feeding.

Several wheat varieties are now available with tolerance to wheat stem sawfly. These varieties contain a gene called 'Sst1' that confers stem solidness of varying degrees depending on the variety. The solid stem characteristic has been shown to be effective in reducing damage caused by wheat stem sawfly.

Several wheat breeding programs around the region are incorporating the solid stem trait into their varieties, include CSU, Syngenta, and WestBred. The wheat breeding program at Colorado State University is initiating long term research into novel methods for making the wheat plant less attractive to the sawfly. CSU entomologists are also researching the presence and effectiveness of natural enemies to supplement solid stem wheat breeding tactics for sawfly management.

### **Fact Sheet:**

Wheat Stem Sawfly: A New Pest of Colorado  
Wheat - 5.612 - Extension ([colostate.edu](http://colostate.edu))



# Foundation Seed

Foundation seed of public varieties is produced by CSU Agronomy Foundation Seed, Department of Soil and Crop Sciences, Colorado State University.

Foundation seed of the following varieties is available for planting in the Fall of 2025. Foundation Seed orders will be accepted until August 18, 2025, after which the seed will be allocated. Individual orders should be placed with Tyler Benninghoven with Colorado Wheat. Please call Tyler at 970-702-1460 (cell) or 970-449-6994 (office). You may also email Tyler at [tbenninghoven@coloradowheat.org](mailto:tbenninghoven@coloradowheat.org).

CSU Agronomy Foundation Seed is located at the Ag Research Development and Education Center (ARDEC) on the east frontage road along I-25 north of Fort Collins; shipping can be handled with prior arrangements. Any seed ordered but not paid for or picked up by September 9, 2025 will be released to other growers.

*Foundation seed will be treated and packaged in 2,000 lb totes!*

## SEED AVAILABLE TO CWRF PARTICIPANTS - FALL 2025

### HARD RED WINTER WHEAT

Amplify SF	Avery
Byrd	Canvas
Fortify SF	Guardian
Langin	Ray
Sheridan	Whistler

**Clearfield:** Brawl CL Plus and Byrd CL Plus

**CoAXium:** Crescent AX and Kivari AX

### HARD WHITE WINTER WHEAT

Breck	Snowmass
Snowmass 2.0	Telluride
	Windom SF



## **Seed Arbitration**

The Colorado Seed Law mandates for the arbitration of disputes between seed buyer and seller. The law states that all seed sold shall be tagged with a notice of the required arbitration.

If the seed buyer believes that the seed did not perform as warranted, a claim may be filed with the Colorado Commissioner of Agriculture. The law provides for a board who will hear testimony, review evidence and decide the validity of the claim. Findings of the board are not binding but may be used as evidence in any civil suit.

Further information on arbitration or assistance in filing for arbitration should be directed to the Colorado Department of Agriculture at 303-869-9070.

***NOTICE: Listings are based on acres applied for. Eligibility for certification will depend on satisfactory field and seed inspections.***

## Seed Classes

Seed certification relies on a generation sequence of seed increase from the original Breeder seed through two or three subsequent generations. The number of generations beyond Breeder seed is determined by the originator at the time a variety is formally released. These generations are often identified as classes, and each class is produced and handled to maintain genetic purity. The primary advantage is that seed sold to a farmer is never more than a limited number of multiplications from that produced under the breeder's control. The limited generation system, when coupled with strict production and seed standards, assures genetically pure high-quality seed.

**Breeder** - Breeder seed shall be that seed or vegetative propagating material directly controlled by the originating or sponsoring plant breeder, institution, or firm which provides the source for the initial and recurring increase of Foundation seed. (B)

**Foundation** - Foundation seed is produced from Breeder seed and maintained by state agricultural experiment stations or private companies. Foundation seed is the source of Registered and/or Certified seed. (F)

**Registered** - Registered seed is the progeny of Foundation seed. Registered seed, when a Registered class is designated, is the parent stock for the production of Certified seed. (R)

**Certified** - Certified seed is the progeny of Foundation or Registered seed. Certified seed is the planting stock recommended for commercial production. (C)

## **Plant Variety Protection Act and Federal Seed Law, Title V**

The Plant Variety Protection ACT (PVPA) was signed into law on December 24, 1970. The PVPA's objective is to encourage the development of novel varieties of sexually-reproduced plants and make them available to the public, providing protection to those who breed, develop, or discover them, and thereby promoting agricultural progress in the public interest. The U.S. Dept. of Agriculture is responsible for administering the Act.

A Certificate of Protection is valid 20 years from date of issuance in most cases. The owner has the right to exclude others from selling, offering for sale, reproducing, importing, or exporting the variety during this time. The owner is responsible for enforcing these rights.

Two options for plant variety protection are available to the developer of the variety. The first option enables the developer to sell or authorize for sale either certified or uncertified seed of the variety. The second option is the "certification only" option which utilizes provisions of Title V of the Federal Seed Act. A variety protected in this manner may be sold by variety name only as a class of certified seed. Sale of non-certified seed by variety name is in violation of both the certificate owner's rights and federal and state seed laws. Seed may be called "Certified" only after meeting all requirements and standards of a member of the Association of Official Seed Certifying Agencies (AOSCA). Violators of Title V may be prosecuted by the federal or state government. Most newly released varieties are protected under the "certification only" option. Contact CSGA with questions regarding PVP status of varieties.

## **Utility Patents**

Utility patents are another means of protection for developers of new plant varieties. The CLEARFIELD and COAXIUM wheat technologies are protected under U.S. Patent law and can be used by farmers only if they sign an appropriate Stewardship Agreement for the year in which they will grow CLEARFIELD or COAXIUM wheat. The agreement requires that the farmer, among other things, use CLEARFIELD or COAXIUM wheat solely for planting a single commercial crop.

## **Questions and Answers on Plant Variety Protection**

**Q:** What are the benefits of PVP for farmers?

**A:** The Plant Variety Protection Act was designed to promote the development of new plant varieties. It allows the breeder to recoup some of the development costs, often through royalties, to reinvest in future variety development programs.

**Q:** What does PVPA Title V protection mean?

**A:** The variety can only be SOLD as a class of certified seed. Sales of non-certified seed of these varieties is illegal.

**Q:** Can a farmer save seed of a protected variety?

**A:** For varieties protected under 1994 PVPA, yes. A farmer can save seed to plant on his own holdings (land owned, leased, or rented). For varieties protected by CLEARFIELD or COAXIUM Utility Patent, no. New certified seed must be purchased each year.

**Q:** Can a farmer sell seed of a protected variety?

**A:** For varieties protected under 1994 PVPA or Utility Patent, no, unless permission is given by the variety owner. Contact CSGA if you do not know what protection a variety is covered by.

**Q:** In an effort to get around the law, can a farmer advertise farmer-saved seed of a protected variety as “Variety Not Stated” (VNS)?

**A:** No, selling a protected variety as VNS is a violation of the law.

**Q:** Can I condition/clean seed for a farmer?

**A:** Yes, but any actions taken as a step in marketing farmer-saved seed infringes upon the rights of the variety owner. Under the 1994 PVPA, cleaning or storing farmer-saved seed for sale are infringements. Anyone who cleans or conditions farmer-saved seed should keep written documentation from the farmer stating that the seed being cleaned is not in violation of PVP laws or patents.

<b>PVP<sup>1</sup></b> Unauthorized propagation is prohibited. Grain may be saved for planting by the grower only. Seed must be sold by variety name. Sale of farmer-saved seed is prohibited			
WB4418		WB4483	
<b>PVP + Title V option<sup>2</sup></b> Unauthorized propagation is prohibited. Grain may be saved for planting by the grower only. Sale of farmer-saved seed is prohibited. Seed must be sold by variety name. Seed may only be sold as a class of Certified Seed.			
Antero	AP BigFoot	AP Everrock	AP Roadrunner
AP Solid	Avery	Breck	Byrd
Canvas	Fortify SF	Guardian	KS Dallas
KS Hamilton	KS Providence	Langin	LCS Julep
LCS Mint	LCS Radar	Monarch	Nugrain
Ray	Sheridan	SY Assure	SY Legend
SY Ovation	SY Wolverine	Telluride	Whistler
<b>Single Use<sup>3</sup></b> - All the provisions of PVP and Title V apply. In addition, Seed of these wheat varieties must be purchased every year due to stewardship agreements or exclusive			
Amplify SF	AP18 AX	Brawl CL+	Byrd CL+
Crescent AX	Kivari AX	KS Bill Synder	KS Homesteader CL+
KS Territory	LCS Atomic AX	LCS Helix AX	Snowmass
Snowmass 2.0	SY Sunrise	WB4347	WB 4422
WB4444	WB4595	WB4733CLP	WB4792
Windom SF			

## HARD RED WINTER WHEAT

### AMPLIFY SF HARD RED WINTER WHEAT -

Amplify SF hard red winter wheat was released by Colorado State University (CSU) in 2021. Amplify SF has a semi-solid stem conferring partial resistance to the wheat stem sawfly and has shown much less stem cutting than hollow-stem varieties under severe sawfly pressure. Amplify SF has a stem solidness rating of 16.5 on a scale of 5 to 25, with 5 being completely hollow and 25 being completely solid. Amplify SF is derived from the cross Bearpaw/Antero//Antero, and is thus 75% Antero by parentage. Amplify SF is an awned, white-chaffed, medium-late maturing wheat with medium plant height, a medium-long coleoptile, very good test weight, and good straw strength in the absence of the wheat stem sawfly. Amplify SF has shown good dryland yields (better under sawfly pressure), good drought stress tolerance and winterhardiness, intermediate grain protein content (measured as “grain protein deviation”), and average milling and baking quality. Amplify SF is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ Brand. Certified seed of Amplify SF will be sold as “Certified Seed Only”, grain production may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety – 1994 PVPA.

**COUNTY/NAME/CITY**                    **PH**                    **CLASS**

#### Adams

Kalcevic Farms Inc.	Bennett
	303-644-3443 R & C
Lewon Farms	Bennett
	303-644-4327 C
Progressive Capital	Byers
	720-244-6775 C
Trupp's Certified Seed	Bennett
	303-644-3646 R & C

#### Elbert

Kochis Farms	Matheson
	719-775-2596 C

#### Kit Carson

Farms S Inc. (Tim Stahlecker)	Bethune
	719-342-3197 C

**AMPLIFY SF HARD RED WINTER WHEAT (cont.)-****COUNTY/NAME/CITY****PH****CLASS****Logan**

Anderson Ag Enterprises	Haxtun	
	970-774-4143	R & C
Jaeger Farms	Merino	
	970-520-3056	C

**Morgan**

Midcap Seed & Grain	Wiggins	
	970-483-5566	R & C
Wickstrom Inc.	Orchard	
	970-768-1384	R & C

**Washington**

Pachner Agri-Enterprises	Akron	
	970-554-0645	C
Wagers Seed	Woodrow	
	970-842-2022	C

**Weld**

Cooksey Farms	Roggen	
	970-396-9084	R & C
	970-396-8041	

**Yuma**

Andrews Brothers Seed, Inc.	Yuma	
	970-848-0709	C



## AP BIGFOOT HARD RED WINTER WHEAT -

AP Bigfoot is a hard red winter wheat developed by Syngenta Crop Protection AG. AP Bigfoot was selected for height, maturity and green leaf duration. Selection in future generations was based on yield, disease, and quality. The area of adaptation includes Central, Southern, and Western Plains. No claims are made regarding pest resistance. Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety - 1994 PVPA.

*COUNTY/NAME/CITY*      *PH*      *CLASS*

## Sedgwick

Carlson Grain . Julesburg  
970-474-2715 R & C

## Yuma

Andrews Brothers Seed, Inc. Yuma  
970-848-0709 C

## AP ROADRUNNER HARD RED WINTER WHEAT -

AP RoadRunner is a hard red winter wheat developed by Syngenta Crop Protection AG. AP RoadRunner was selected for height, maturity, green leaf duration, disease reaction, and end use quality. AP RoadRunner is a well-adapted bread wheat to the irrigated and dryland production areas of the Central Dryland and Western Dry and Irrigated High Plains. AP RoadRunner is moderately resistant to common races in the Central Plains of leaf rust and moderately susceptible to common races of stripe rust in the Central Plains. Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety - 1994 PVPA.

**COUNTY/NAME/CITY**      **PH**      **CLASS**

## Logan

## **AP SOLID HARD RED WINTER WHEAT -**

AP Solid is a hard red winter wheat developed by Syngenta Crop Protection AG. AP Solid was selected for height, maturity, stem solidness, green leaf duration, disease reaction, and end use quality in yield and disease test plots following doubled haploid method. AP Solid was tested in Kansas, Oklahoma, Colorado, Nebraska, South Dakota and Montana and is well-adapted as to be a high yielding bread wheat in Montana. AP Solid is moderately susceptible to common stripe rust races in the Central Plains. Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Variety Protection Applied For - 1994 PVPA.

**COUNTY/NAME/CITY**                    **PH**                    **CLASS**

### **Kit Carson**

Heritage Seed & Grain	Flagler
	719-760-9768 R & C

### **Logan**

Ring, Terry	Crook
	970-253-5009 C

### **Sedgwick**

Carlson Grain .	Julesburg
	970-474-2715 R & C

### **Washington**

Wagers Seed	Woodrow
	970-842-2022 C

### **Yuma**

Andrews Brothers Seed, Inc.	Yuma
	970-848-0709 C

## **AP SUNBIRD HARD RED WINTER WHEAT -**

AP Sunbird is an early maturing hard red winter wheat variety with outstanding grain yield potential in the western plains and under irrigation. Grain quality is excellent for milling and baking. Use a fungicide at flag leaf to manage stripe rust. Best-in-class tolerance to wheat streak mosaic virus but remain diligent in controlling volunteer wheat. A growth regulator may be warranted to minimize the risk of lodging where yield goals exceed 85 bushels per acre. Exceptional performance in forage and silage trials. AP Sunbird is an AgriPro Brand wheat variety released by Syngenta. Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Variety Protection Applied For - 1994 PVPA.

**COUNTY/NAME/CITY**                    **PH**                    **CLASS**

### **Kit Carson**

Heritage Seed & Grain	Flagler
	719-760-9768 R

### **Sedgwick**

Carlson Grain .	Julesburg
	970-474-2715 R

### **Yuma**

Andrews Brothers Seed, Inc.	Yuma
	970-848-0709 R





## **AVERY HARD RED WINTER WHEAT -**

Avery hard red winter wheat was released by Colorado State University (CSU) in 2015. Avery is an awned, white-chaffed, medium maturing wheat with medium -tall height, a medium coleoptile, good straw strength, and good test weight. Avery is derived from the cross TAM 112/Byrd. Avery is very similar to Byrd in having good winterhardiness, excellent drought stress tolerance, and very high yield potential. Avery differs from Byrd in having slightly larger kernels, and being two days later in heading date, Avery is susceptible to prevalent races of stripe rust, leaf rust and stem rust, but performs very well against wheat streak mosaic virus due to presence of the wheat curl mite resistance gene. Avery is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ Brand. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety. – 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Baca</b>		
Brooks, Bill	Walsh	
	719-523-4473	C
<b>Elbert</b>		
Kochis Farms	Matheson	
	719-775-2596	C
<b>Kit Carson</b>		
Farms S Inc. (Tim Stahlecker)	Bethune	
	719-342-3197	R
<b>Logan</b>		
Jaeger Farms	Merino	
	970-520-3056	R & C
Ring, Terry	Crook	
	970-253-5009	C
<b>Yuma</b>		
Andrews Brothers Seed, Inc.	Yuma	
	970-848-0709	C

## **BRAWL CL PLUS HARD RED WINTER**

### **WHEAT -**

Brawl CL Plus was released by Colorado State University in 2011. It is an awned, white-chaffed, medium height, early maturing wheat with excellent straw strength and very good test weight. Brawl CL Plus is moderately susceptible to stripe rust, leaf rust and stem rust. Brawl CL Plus is a two-gene Clearfield wheat which allows growers to add methylated seed oil to the tank mix with Beyond™ herbicide and increase effectiveness of the herbicide, especially on jointed goatgrass. Brawl CL Plus makes protein very well and has very good milling and baking quality. **Grain production of Brawl CL Plus may not be saved for replanting under any circumstances.** Brawl CL Plus is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ Brand. Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety. - 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Elbert</b>		
Kochis Farms	Matheson	
	719-775-2596	C
<b>Logan</b>		
Ring, Terry	Crook	
	970-253-5009	R & C
<b>Phillips</b>		
Eagle Farms	Holyoke	
	970-854-5328	R & C

## **BYRD CL PLUS HARD RED WINTER WHEAT-**

Byrd CL Plus was released by Colorado State University (CSU) in 2018 and is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ Brand. It is an awned, white-chaffed, medium-tall, and medium maturing wheat with a medium-short coleoptile, moderate straw strength, good milling and baking quality, and average test weight. Byrd CL Plus is a two-gene Clearfield wheat which allows growers to add methylated seed oil to the tank mix with Beyond™ herbicide and increase effectiveness of the herbicide, especially on jointed goatgrass. Byrd CL Plus is susceptible to stripe rust and stem rust, susceptible to stem rust, intermediately susceptible to leaf rust, and shows an intermediate reaction to wheat streak mosaic virus.

**Grain production of Byrd CL Plus may not be saved for replanting under any circumstances.** Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety. - 1994 PVPA.

### **COUNTY/NAME/CITY**

### **PH**

### **CLASS**

#### **Adams**

Kalcevic FarmsInc.	Bennett
	303-644-3443 C
Lewon Farms	Bennett
	303-644-4327 C

#### **Kit Carson**

Farm S Inc. (Tim Stahlecker)	Bethune
	719-342-3197 C

#### **Logan**

Anderson Ag Enterprises	Haxtun
	970-774-4143 C

#### **Sedgwick**

Carlson Grain .	Julesburg
	970-474-2715 C

#### **Washington**

Pachner Agri-Enterprises	Akron
	970-554-0645 C

**BYRD CL PLUS HARD RED WINTER WHEAT****(cont.) -****COUNTY/NAME/CITY PH CLASS****Weld**

Johnston Family Farms	Erie	
	303-591-8830	C
Mertens Bros.	New Raymer	
	970-370-0153	C
Cooksey Farms	Roggen	
	970-396-9084	R & C
	970-396-8041	

**Yuma**

Andrews Brothers Seed, Inc.	Yuma	
	970-848-0709	C

## CANVAS HARD RED WINTER WHEAT -

Canvas hard red wheat was released by Colorado State University (CSU) in 2018. Canvas is an awned, white-chaffed, medium maturing wheat with medium-short plant height, a medium length coleoptile, and excellent straw strength and test weight. Canvas is derived from the cross Denali/Antero//Byrd, and is thus 50% Byrd and 25% each Denali and Antero by parentage. Canvas has shown high dryland yields and particularly good adaptation to high management under irrigation. Canvas has good winterhardiness, intermediate grain protein content (measured as “grain protein deviation”), and excellent milling and baking quality. Canvas is moderately resistant to prevalent races of stripe rust (including both 2010 and 2012 races), intermediate to leaf rust, resistant to stem rust, moderately resistant to wheat soilborne mosaic virus, susceptible to prevalent biotypes of Hessian fly, and resistant to the wheat curl mite which effectively reduces infection by wheat streak mosaic virus. Canvas is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ Brand. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety – 1994 PVPA.

**COUNTY/NAME/CITY**

PH CLASS

## Kit Carson

Eastern Colorado Seeds, LLC. Burlington  
866-655-7380 C

Phillips

Prowers

## Weld

## **CRESCENT AX HARD RED WINTER WHEAT**

Crescent AX was released by Colorado State University (CSU) in 2018 and is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ Brand. It is an awned, white-chaffed, medium height, and early maturing wheat with moderate straw strength, very good milling and baking quality and good test weight. The pedigree of Crescent AX is (AF28/Byrd)//(AF10/2\*Byrd), and thus is approximately 66% Byrd by parentage. Crescent AX carries two genes for tolerance to Aggressor® herbicide which has shown excellent selective control of cheatgrass, downy brome, feral rye, and jointed goatgrass with fall or spring herbicide application at labelled rates by weed species. Growers should note that Crescent AX is not tolerant to Beyond™ herbicide. Crescent AX has an intermediate reaction to stripe rust and leaf rust and is resistant to the wheat curl mite which effectively reduces infection by wheat streak mosaic virus. Growers must sign the CoAX-ium® Wheat Production System Stewardship Agreement at point of sale. **Grain production of Crescent AX may not be saved for replanting under any circumstances.**

Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety. - 1994 PVPA.

**COUNTY/NAME/CITY**

PH CLASS

## Kit Carson

Farm S Inc. (Tim Stahlecker) Bethune  
719-342-3197 C

## Logan

Anderson Ag Enterprises	Haxtun
	970-774-4143 C
Ring, Terry	Crook
	970-253-5009 R & C

Sedgwick

Carlson Grain . Julesburg  
970-474-2715 R & C



## **FORTIFY SF HARD RED WINTER WHEAT -**

Fortify SF hard red winter wheat was released by Colorado State University (CSU) in 2019. Fortify SF has a semi-solid stem conferring partial resistance to the wheat stem sawfly and has shown much less stem cutting than hollow-stem varieties under severe sawfly pressure. Fortify SF has a stem solidness rating of 12.3 on a scale of 5 to 25, with 5 being completely hollow and 25 being completely solid. Fortify SF is derived from the cross Byrd/Bearpaw//Byrd, and is thus 75% Byrd parentage. Fortify SF is an awned, white-chaffed, medium maturing wheat with medium plant height, a medium length coleoptile, good test weight, and fair straw strength in the absence of the wheat stem sawfly. Fortify SF has shown good dryland yields (better under sawfly pressure), good drought stress tolerance and winterhardiness, intermediate grain protein content (measured as "grain protein deviation"), and average milling and baking quality. Fortify SF is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ Brand. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety – 1994 PVPA.

**COUNTY/NAME/CITY**

PH

## CLASS

Adams

## Kalcevic Farms Inc

Bennett

303-644-3443 R & C

## Kit Carson

Farms S Inc. (Tim Stahlecker) Bethune

719-342-3197 R & C

Logan

## Jaeger Farms

## Merino

970-520-3056 R & C

## Washington

Pachner Agri-Enterprises

## Akron

970-554-0645 C

## Weld

Mertens Bros.

## New Raymer

970-370-0153 R & C





## **GUARDIAN HARD RED WINTER WHEAT -**

Guardian hard red winter wheat was released by Colorado State University (CSU) in 2019. Guardian is derived from the cross Antero/Snowmass//Byrd, and is thus 50% Byrd by parentage. Guardian carries industry-leading resistance to wheat streak mosaic virus via excellent resistance to the wheat curl mite (from the Byrd parent) and excellent resistance to the virus itself (from the Snowmass parent). Guardian is an awned, white-chaffed, medium maturing wheat with medium plant height, a medium length coleoptile, average straw strength, and excellent test weight. Guardian has shown good dryland yields, good drought stress tolerance and winterhardiness, excellent grain protein content (measured as “grain protein deviation”), and very good milling and baking quality. In addition to excellent resistance to wheat streak mosaic virus, Guardian is resistant to moderately resistant to prevalent races of stripe rust, leaf rust, and stem rust and susceptible to wheat soilborne mosaic virus and prevalent biotypes of Hessian fly. Guardian is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ Brand. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety – 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
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### **Kiowa**

M&S Farms	Sheridan Lake	
	719-691-5789	R & C

### **Kit Carson**

Farm S Inc. (Tim Stahlecker)	Bethune	
	719-342-3197	C
Kenneth Pottorff Seed Farms	Stratton	
	719-349-5213	C

### **Prowers**

Schenck, Craig	Holly	
	719-688-6203	C



## **KIVARI AX HARD RED WINTER WHEAT -**

Kivari AX was released by Colorado State University (CSU) in 2020 and is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ brand. It is an awned, white-chaffed, medium-height, and medium-early maturing wheat with fair straw strength, very good baking quality, and good test weight. The pedigree of Kivari AX is (AF28/Byrd)//(AF10/2\*Byrd), and thus is approximately 66% Byrd by parentage. Kivari AX carries two genes for tolerance to Aggressor® herbicide, which has shown excellent selective control of cheatgrass, downy brome, feral rye, and jointed goatgrass with fall or spring herbicide application at labelled rates by weed species. Growers should note that Kivari AX is not tolerant to Beyond™ herbicide. Kivari AX is susceptible to stripe and leaf rust and is resistant to the wheat curl mite which effectively reduces infection by mite-transmitted viruses including wheat streak mosaic virus. Growers must sign the CoAXium® Wheat Production System Stewardship Agreement at point of sale. **Grain production of Kivari AX may not be saved for replanting under any circumstances.** Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety. – 1994 PVPA.

### **Adams**

Kalcevic Farms Inc.	Bennett
	303-644-3443 C
Lewon Farms	Bennett
	303-644-4327 C
Progressive Capital	Byers
	720-244-6775 R & C
Trupp's Certified Seed	Bennett
	303-644-3646 R & C

### **Sedgwick**

Carlson Grain .	Julesburg
	970-474-2715 C

### **Washington**

Pachner Agri-Enterprises	Akron
	970-554-0645 C

### **Weld**

Cooksey Farms	Roggen
	970-396-9084 C
	970-396-8041

### **Yuma**

Andrews Brothers Seed, Inc.	Yuma
	970-848-0709 C



**KS PROVIDENCE HARD RED WINTER WHEAT -**

KS Providence is a medium to medium-early maturing hard red winter wheat developed by the Kansas Agricultural Experiment Station and owned by the Kansas State University Research Foundation. It is a high yielding wheat with acceptable milling and baking properties. KS Providence is resistant to current races of leaf rust and intermediate to stripe rust in Kansas. It is susceptible to Hessian fly but resistant to soil borne mosaic virus.

Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety. - 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Logan</b>		
Anderson Ag Enterprises	Haxtun	
	970-774-4143	C

**KS TERRITORY HARD RED WINTER WHEAT -**

KS Territory is a hard red winter wheat developed at the Agricultural Research Center - Hays, Kansas State University. KS Territory is considered to have high yield potential, good drought tolerance, good standability and a strong disease package. This variety has resistance to wheat streak mosaic virus and Hessian fly, moderate resistance to stripe rust, and intermediate resistances to *Triticum* mosaic virus and barley yellow dwarf virus. KS Territory has also shown resistance to stem rust but susceptibility to leaf rust. Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety. - 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Logan</b>		
Anderson Ag Enterprises	Haxtun	
	970-774-4143	C

## **LANGIN HARD RED WINTER WHEAT -**

Langin hard red winter wheat was released by Colorado State University (CSU) in 2016. Langin is an awned, white-chaffed, early maturing wheat with medium-short height, a medium length coleoptile, fair straw strength, and good test weight. Langin is derived from the cross CO050270/Byrd (CO050270 = Hatcher/NW97S295 pedigree). Langin is similar to Byrd and Avery in having good winterhardiness, excellent drought stress tolerance, and very high yield potential. Langin differs from Byrd in having improved stripe rust resistance and slightly improved baking quality characteristics. Langin is moderately resistant to prevalent races of stripe rust, susceptible to leaf rust and stem rust, moderately susceptible to wheat streak mosaic virus, and resistant to the wheat curl mite and wheat soil borne mosaic virus. Langin is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ Brand. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety. – 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Adams</b>		
Trupp's Certified Seed	Bennett 303-644-3646	C
<b>Kit Carson</b>		
Farms S Inc. (Tim Stahlecker)	Bethune 719-342-3197	C
<b>Prowers</b>		
Doug Melcher Seeds	Holly 719-537-6214	C
Schenck, Craig	Holly 719-688-6203	C
<b>Sedgwick</b>		
Carlson Grain	Julesburg 970-474-2715	C
<b>Washington</b>		
Pachner Agri-Enterprises	Akron 970-554-0645	C
<b>Yuma</b>		
Andrews Brothers Seed, Inc.	Yuma 970-848-0709	C

## **The Colorado Seed Industry Association Wants YOU!**

The Colorado Seed Industry Association (CSIA) is an organization dedicated to the enhancement and support of Colorado seed businesses. We work with the Colorado Legislature, Colorado Department of Agriculture, Colorado Seed Growers Association, and Colorado State University in representing the voice of the Seed Industry in issues that affect you and your enterprise. We also provide educational opportunities and serve as a source of information and feedback to our members. An Annual Meeting is held each year which provides a forum for making new acquaintances, renewing friendships, establishing business relationships, developing trade opportunities and discussing issues affecting all involved in the Seed Industry.

We are the only recognized organization in the state of Colorado that represents the entire Seed Industry. We can better represent that assembly if we have input from its many participants. Join us and add to the base of professional seedsmen who are making a difference and defining the future of the Colorado Seed Industry. Help us keep the voice of the Seed Industry strong!

**Carrie Mullen, CSIA Secretary**  
970-356-7002

## **LCS JULEP HARD RED WINTER WHEAT -**

LCS Julep is a newer release from Limagrain Cereal seeds. This variety comes from the LCS Mint pedigree, and acts very similar with added benefits. Released in 2019, this variety is a true medium with excellent end-use quality. LCS Julep's straw strength, quick emergence, and drought tolerance package are its main assets. It has a very high tiller count and late spring green up which has allowed this variety to handle late freezes very well. LCS Julep is a nice step up from an already great variety in LCS Mint. Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety - 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Powers</b>		
Schenck, Craig	Holly	
	719-688-6203	C

## **RAY HARD RED WINTER WHEAT -**

Ray is a dual-purpose forage/grain hard red winter wheat licensed from Montana Ag Experiment Station by Colorado Wheat Research Foundation, being marketed under the PlainsGold™ brand in Colorado as a Certified Seed Only variety. Ray is a winter hardy, late maturing, tall, very awnless variety with forage yield and quality similar to Willow Creek but superior grain yield compared to Willow Creek. Ray has good test weight and grain protein if taken for grain, but should be primarily utilized for grazing, hay, or haylage. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class of Certified Seed – U.S. Protected Variety. – 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Elbert</b>		
Kochis Farms	Matheson	
	719-775-2596	C

## **Kit Carson**

Eastern Colorado Seeds, LLC.	Burlington	
	866-655-7380	C
Farms S Inc. (Tim Stahlecker)	Bethune	
	719-342-3197	C

## **Weld**

Cooksey Farms	Roggen	
	970-396-9084	C
	970-396-8041	

## **SHERIDAN HARD RED WINTER WHEAT -**

Sheridan hard red winter wheat was released by Colorado State University (CSU) in 2023. Sheridan is an awned, white-chaffed, medium maturing variety with medium plant height, a long coleoptile, good straw strength, and very good test weight. Sheridan has shown good drought stress tolerance and is expected to emerge from deeper planting depths with dry fall conditions due to its longer coleoptile. Sheridan has very good resistance to stripe rust and stem rust, and an intermediate reaction to wheat streak mosaic virus. It has very good milling and baking quality, and excellent grain protein deviation. Sheridan is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ brand. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only as a Class Of Certified Seed – U.S. Protected Variety – 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Kiowa</b>		
M&S Farms	Sheridan Lake	
	719-691-5789	R
<b>Kit Carson</b>		
Kenneth Pottorff Seed Farms	Stratton	
	719-349-5213	R
<b>Prowers</b>		
Schenck, Craig	Holly	
	719-688-6203	C

## **STEAMBOAT HARD RED WINTER WHEAT -**

Steamboat hard red winter wheat was released by Colorado State University (CSU) in 2020. The parentage is half Byrd, one-quarter Antero and one-quarter TAM114. Steamboat is an awned, white-chaffed, medium maturing variety with tall plant height, a medium-long coleoptile, average straw strength, and very good test weight. Steamboat has very good resistance to stripe, leaf, and stem rust, and a very good reaction to wheat streak mosaic virus due to carrying the wheat curl mite gene from the Byrd parent. It has very good milling and baking quality, and average grain protein deviation. Steamboat is marketed by the Crop Research Foundation of Wyoming. Unauthorized Propagation Prohibited – To Be Sold by Variety Name Only as a Class of Certified Seed – U.S. Protected Variety – 1994 PVPA.

**COUNTY/NAME/CITY**

**PH**

**CLASS**

**Morgan**

Wickstrom Inc.

Orchard

970-768-1384 R & C

## **SY MONUMENT HARD RED WINTER WHEAT**

SY Monument is a hard red winter wheat bred and developed by Syngenta Seeds, Inc. SY Monument is the result of a cross made in 2003 by Syngenta Seeds, Inc. in Junction City, KS. SY Monument was selected for height, straw strength, yield, bread making quality and resistance to leaf and stripe rust. SY Monument is best adapted to the winter wheat growing areas of the High Plains. Syngenta Seeds, Inc. maintains seed stock and certified classes of Foundation, Registered and Certified. Certified seed will be available in the fall of 2015. Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety - 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Larimer</b>		
Revolution Soil and Seed	Fort Collins	
	970-666-1878	C

**SY WOLVERINE HARD RED WINTER WHEAT -**

SY Wolverine is a hard red winter wheat developed by Syngenta Participations AG. SY Wolverine was selected for height, maturity, green leaf duration, disease reaction and end use quality. SY Wolverine has shown above average tolerance to leaf rust. It is broadly adapted across the Northern, Central, and Western Plains. Certified seed became available Fall - 2020. Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety - 1994 PVPA.

**COUNTY/NAME/CITY** **PH** **CLASS**

**Logan**

Ring, Terry	Crook
	970-253-5009
	C

**WB4347 HARD RED WINTER WHEAT -**

WB4347 is medium-early maturing hard red winter wheat variety with excellent yield potential and test weight. It is best suited for dryland acres and shows excellent drought tolerance and winterhardiness. WB4347 has shown good tolerance to Hessian Fly. Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety - 1994 PVPA.

**COUNTY/NAME/CITY** **PH** **CLASS**

**Logan**

Anderson Ag Enterprises	Haxtun
	970-774-4143
	R & C

**WB4418 HARD RED WINTER WHEAT -**

WB4418 is a semi-solid stem hard red winter wheat variety with excellent stand-ability and tolerance to the wheat stem sawfly. WB4418 is a medium maturing variety with excellent yield potential Widely adapted from east to west, this variety provides very good resistance to leaf rust, strip rust and WSMV. Unauthorized Propagation Prohibited. U.S. Protected Variety- 1994 PVPA

**COUNTY/NAME/CITY** **PH** **CLASS**

**Logan**

Ring, Terry	Crook
	970-253-5009
	C

## WB4422 HARD RED WINTER WHEAT -

WB4422 is a hard red winter wheat developed by Bayer Crop Science. WB4422 is a broadly adapted variety with excellent yield potential and standability. WB4422 is a key companion product to WB4792 and WB4595 with excellent winterhardiness and very good protein content. Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety - 1994 PVPA.

**COUNTY/NAME/CITY**      **PH**      **CLASS**

## Kit Carson

Eastern Colorado Seeds, LLC. Burlington  
866-655-7380

## WB4444 HARD RED WINTER WHEAT -

WB4444 is a hard red winter wheat variety with very good yield potential. Bred for the Central and Northern Plains West regions this variety has excellent standability with a semi-solid stem and very good Sawfly tolerance. Unauthorized Propagation Prohibited. U.S. Variety Protection Pending - 1994 PVPA

**COUNTY/NAME/CITY**      **PH**      **CLASS**

## Kit Carson

Farm S Inc. (Tim Stahlecker) Bethune  
719-342-3197 C

Logan

Anderson Ag Enterprises	Haxtun
	970-774-4143 C
Ring, Terry	Crook
	970-253-5009 R & C

Morgan

Midcap Seed & Grain Wiggins  
970-483-5566 R & C

## Washington

Pachner Agri-Enterprises Akron  
970-554-0645 R  
Wagers Seed Woodrow  
970-842-2022 C

**WB4445 CLP HARD RED WINTER WHEAT -**

WB4445 CLP is a medium maturity hard red winter wheat with the two-gene Clearfeld gene for control of grass and broadleaf weeds. WB4445 CLP shows excellent yield potential and drought tolerance. It also shows very good Wheat Streak Mosaic Virus tolerance (WSMV). Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety - 1994 PVPA.

**COUNTY/NAME/CITY**                    **PH**                    **CLASS**

**Logan**

Ring, Terry	Crook
	970-253-5009
	R & C

**WB4511 HARD RED WINTER WHEAT -**

WB4511 is an awnless hard red winter wheat variety for dual-purpose forage and grain use with excellent Leaf Rust and Soil-Borne Mosaic tolerance. This medium-maturing variety has very good yield potential. Timely harvest is important due to some shatter potential. Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety - 1994 PVPA.

**COUNTY/NAME/CITY**                    **PH**                    **CLASS**

**Logan**

Anderson Ag Enterprises	Haxtun
	970-774-4143
	C

**WB4523 HARD RED WINTER WHEAT -**

WB4523 is a Hard Red Winter wheat variety with excellent standability and yield potential, along with very good milling and baking quality. WB4523 is a key companion to WB4699 and WB4401 and has excellent leaf health, including tolerance to Yellow (Stripe) Rust. Unauthorized Propagation Prohibited. U.S. Protected Variety- 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Logan</b>		
Ring, Terry	Crook	
	970-253-5009	R & C

**WB4595 HARD RED WINTER WHEAT -**

WB4595, a Hard Red Winter wheat variety, Western High Plains medium-maturing, high tillering wheat variety with excellent yield potential. It carries an overall good disease resistance package with very good Leaf Rust and stripe resistance. This variety also has excellent winter hardiness, drought tolerance and tolerance to WSMV. Unauthorized Propagation Prohibited. U.S. Protected Variety- 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Kit Carson</b>		
Eastern Colorado Seeds, LLC.	Burlington	
	866-655-7380	C
Farm S Inc. (Tim Stahlecker)	Bethune	
	719-342-3197	C
<b>Logan</b>		
Ring, Terry	Crook	
	970-253-5009	C

## **WB4733CLP HARD RED WINTER WHEAT -**

WB4733 CLP is a hard red winter wheat developed by Bayer Crop Science. WB4733 CLP is a Clearfield Plus Variety and has a solid stem for improved wheat stem sawfly management. Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety - 1994 PVPA.

**COUNTY/NAME/CITY** **PH** **CLASS**

### **Kit Carson**

Farm S Inc. (Tim Stahlecker) Bethune  
719-342-3197 C

### **Logan**

Ring, Terry Crook  
970-253-5009 C

### **Morgan**

Midcap Seed & Grain Wiggins  
970-483-5566 C

### **Washington**

Pachner Agri-Enterprises Akron  
970-554-0645 C

Wagers Seed Woodrow  
970-842-2022 C

## **WB4792 HARD RED WINTER WHEAT -**

WB4792, a Hard Red Winter wheat variety, is a medium-late maturing wheat variety with excellent straw strength and drought tolerance. It has a very good overall health package in part due to its very good resistance to Leaf Rust and Yellow (Stripe) Rust and BYD. This medium height Hard Red Winter wheat variety also has very good winter hardiness and tolerance to WSMV. Unauthorized Propagation Prohibited. U.S. Protected Variety- 1994 PVPA.

**COUNTY/NAME/CITY** **PH** **CLASS**

### **Kit Carson**

Farm S Inc. (Tim Stahlecker) Bethune  
719-342-3197 C

### **Logan**

Anderson Ag Enterprises Haxtun  
970-774-4143 C

### **Washington**

Wagers Seed Woodrow  
970-842-2022 C

## **WHISTLER HARD RED WINTER WHEAT -**

Whistler hard red wheat was released by Colorado State University (CSU) in 2018. Whistler is an awned, white-chaffed, late maturing wheat with tall plant height, a medium length coleoptile, and fair straw strength and test weight. Whistler is derived from the cross CO08W218/Snowmass//Byrd, and is thus 50% Byrd and 25% Snowmass by parentage. Whistler has shown high dryland yields, good drought stress tolerance and winterhardiness, intermediate grain protein content (measured as “grain protein deviation”), and excellent baking quality. Whistler is moderately resistant to prevalent races of stripe rust, intermediate to leaf rust, resistant to stem rust, resistant to wheat soilborne mosaic virus, susceptible to prevalent biotypes of Hessian fly, and resistant to the wheat curl mite which effectively reduces infection by wheat streak mosaic virus. Whistler is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ Brand. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety – 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Elbert</b>		
Kochis Farms	Matheson	
	719-775-2596	R
<b>Kiowa</b>		
M&S Farms	Sheridan Lake	
	719-691-5789	R & C
<b>Prowers</b>		
Schenck, Craig	Holly	
	719-688-6203	C
<b>Washington</b>		
Pachner Agri-Enterprises	Akron	
	970-554-0645	C

## **HARD WHITE WINTER WHEAT**

### **BRECK HARD WHITE WINTER WHEAT -**

Breck was released by Colorado State University (CSU) in 2017. Breck is an awned, white-chaffed, medium maturing wheat with medium height, a medium-long coleoptile, very good straw strength, and excellent test weight. Breck is derived from the cross Denali/HV9W07-482W//Antero, and is thus 50% Antero and 25% Denali by parentage. Breck has shown high dryland and irrigated yields, good drought stress tolerance and winterhardiness, and excellent milling and baking quality. Breck expresses a lower level of polyphenol oxidase (PPO) in the grain which favors its use in whole grain flour products. Breck is resistant to prevalent races of stripe rust, intermediate to leaf rust, resistant to stem rust, moderately susceptible to wheat soilborne mosaic virus, intermediate to wheat streak mosaic virus, and resistant to prevalent biotypes of Hessian fly. Breck has very good pre-harvest sprouting tolerance, better than Snowmass, Antero, and Sunshine and at least as good as most adapted hard red winter wheat varieties grown in Colorado. Breck is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ Brand as a Certified Seed Only variety. Grain of Breck is available for contracting in the CWRF-Ardent Mills Ultragrain® Premium Program. Participants in the program will need to sign a Grain Pricing Schedule with Ardent Mills which details contract terms and requires planting of certified seed. Breck is also available as a non-exclusive variety in the grain trade to other millers. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety – 1994 PVPA.

### **COUNTY/NAME/CITY**

### **PH**

### **CLASS**

#### **Adams**

Progressive Capital

Byers

720-244-6775 C

#### **Weld**

Cooksey Farms

Roggen

970-396-9084 C

970-396-8041



## MONARCH HARD WHITE WINTER WHEAT -

Monarch hard white wheat was released by Colorado State University (CSU) in 2018. Monarch is an awned, white-chaffed, medium maturing wheat with medium-short plant height, a medium length coleoptile, excellent straw strength, and good test weight. Monarch is derived from a three-way cross that involves CO07W722-F5 (pedigree = KS02HW89 1/BC97ROM-41W) as 75% and Snowmass as 25% of the parentage. Monarch has shown superior grain yield under irrigation, good dryland yields, good drought stress tolerance and winterhardiness, medium grain protein content (measured as “grain protein deviation”), and good milling and baking quality. Monarch expresses a very low level of polyphenol oxidase (PPO) in the grain which favors its use in whole grain flour and noodle products. Monarch is moderately resistant to prevalent races of stripe rust, intermediate to leaf rust, resistant to stem rust, resistant to wheat soilborne mosaic virus, moderately tolerant of wheat streak mosaic virus, and susceptible to prevalent biotypes of Hessian fly. Monarch is moderately susceptible to pre-harvest sprouting. Monarch is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ Brand as a Certified Seed Only variety and is available as a non-exclusive variety in the grain trade. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety – 1994 PVPA.

**COUNTY/NAME/CITY**      **PH**      **CLASS**

## Kit Carson

Eastern Colorado Seeds, LLC. Burlington  
866-655-7380 C

## **NUGRAIN HARD WHITE WINTER WHEAT -**

NuGrain was released by Syngenta in 2006. NuGrain's parentage is one-half Platte. It is a medium height semidwarf with medium late maturity. NuGrain has good straw strength and winter survival, with an intermediate reaction to stripe rust and moderate resistance to leaf rust. NuGrain has excellent test weight and grain quality, and is high in polyphenol oxidase. NuGrain is adapted to western Kansas, eastern Colorado, and southwestern Nebraska. Unauthorized Propagation Prohibited - To Be Sold By Variety Name Only As A Class Of Certified Seed - U.S. Protected Variety - 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Yuma</b>		
Andrews Brothers Seed, Inc.	Yuma	
	970-848-0709	R

## **SNOWMASS 2.0 HARD WHITE WINTER WHEAT -**

Snowmass 2.0 hard white wheat was released by Colorado State University (CSU) in 2018. Snowmass 2.0 is an awned, white-chaffed, medium-early maturing wheat with medium height, a medium length coleoptile, and very good straw strength and test weight. Snowmass 2.0 is derived from the cross CO07W722-F5/Snowmass//Brawl CL Plus, and is thus 50% Brawl CL Plus and 25% Snowmass by parentage. While Brawl CL Plus is in the parentage, growers should note that Snowmass 2.0 is not tolerant to Beyond™ herbicide. Snowmass 2.0 has shown high dryland and irrigated yields, good drought stress tolerance and winterhardiness, good grain protein content (measured as "grain protein deviation"), and excellent milling and baking quality. Snowmass 2.0 expresses a significantly lower level of polyphenol oxidase (PPO) in the grain which favors its use in whole grain flour and noodle products. Snowmass 2.0 is moderately resistant to prevalent races of stripe rust, intermediate to leaf rust, resistant to stem rust, moderately susceptible to wheat soilborne mosaic virus, moderately resistant to wheat streak mosaic virus, and susceptible to prevalent biotypes of Hessian fly.

## **SNOWMASS 2.0 HARD WHITE WINTER WHEAT (cont.)**

Snowmass 2.0 has moderate pre-harvest sprouting tolerance, similar to Snowmass, Antero, and Sunshine and at least as good as most adapted hard red winter wheat varieties grown in Colorado. Snowmass 2.0 is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ Brand. Grain of Snowmass 2.0 may only be grown under contract in the CWRF-Ardent Mills Ultragrain® Premium Program. Participants in the program will need to sign a Grain Pricing Schedule with Ardent Mills which details contract terms and requires planting of certified seed. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety – 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Adams</b>		
Progressive Capital	Byers	
	720-244-6775	R & C
<b>Elbert</b>		
Kochis Farms	Matheson	
	719-775-2596	C
<b>Logan</b>		
Anderson Ag Enterprises	Haxtun	
	970-774-4143	R & C
Ring, Terry	Crook	
	970-253-5009	R & C
<b>Phillips</b>		
Eagle Farms	Holyoke	
	970-854-5328	R & C
<b>Sedgwick</b>		
Carlson Grain	Julesburg	
	970-474-2715	C

## **TELLURIDE HARD WHITE WINTER WHEAT -**

Telluride hard white winter wheat was released by Colorado State University (CSU) in 2023. Telluride is an awned, white-chaffed, medium-early maturing variety with medium plant height, a medium-length coleoptile, excellent straw strength, and good test weight. Telluride yields well in both dryland and irrigated settings. Telluride is susceptible to stripe rust, resistant to stem rust, and moderately resistant to wheat streak mosaic virus. Telluride has excellent milling and baking quality. It is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ brand as a Certified Seed Only variety. Grain of Telluride is available for contracting in the CWRF-Ardent Mills UltraGrain® Premium Program. Participants in the program will need to sign a Grain Pricing Schedule with Ardent Mills which details contract terms and requires planting of certified seed. Telluride is also available as a non-exclusive variety in the grain trade to other millers. Unauthorized Propagation Prohibited – To Be Sold by Variety Name Only as a Class of Certified Seed – U.S. Protected Variety – 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Phillips</b>		
Eagle Farms	Holyoke	
	970-854-5328	R

## **WINDOM SF HARD WHITE WINTER WHEAT -**

Windom SF hard white winter wheat was released by Colorado State University (CSU) in 2022. Windom SF has a semi-solid stem conferring partial resistance to the wheat stem sawfly and has shown much less stem cutting than hollow-stem varieties under severe sawfly pressure. It is the first hard white wheat with a semi-solid stem adapted to Colorado. Windom SF has a stem solidness rating of 16.5 on a scale of 5 to 25, with 5 being completely hollow and 25 being completely solid. Windom SF is derived from the cross Warhorse/Breck//CO12D1028. Windom SF is an awned, white-chaffed, medium-late maturing wheat with medium plant height, a medium-long coleoptile, good test weight, and good straw strength in the absence of the wheat stem sawfly. Windom SF has shown good dryland and irrigated yields (better under sawfly pressure), carries the WSM2 gene for resistance to wheat streak mosaic virus, and has average grain protein content (measured as “grain protein deviation”). Windom SF has excellent milling and baking characteristics, similar to Snowmass 2.0; grain may only be grown from Certified seed under contract in the CWRF-Ardent Mills Ultragrain® Premium Program. Windom SF is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ Brand. Certified seed of Windom SF will be sold as “Certified Seed Only”, grain production may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety – 1994 PVPA.

### **COUNTY/NAME/CITY**

### **PH**

### **CLASS**

#### **Adams**

Lewon Farms	Bennett
	303-644-4327 C
Progressive Capital	Byers
	720-244-6775 R & C

#### **Elbert**

Kochis Farms	Matheson
	719-775-2596 C

#### **Logan**

Anderson Ag Enterprises	Haxtun
	970-774-4143 C

#### **Morgan**

Midcap Seed & Grain	Wiggins
	970-483-5566 R & C

#### **Phillips**

Eagle Farms	Holyoke
	970-854-5328 C

#### **Weld**

Cooksey Farms	Roggen
	970-396-9084 C
	970-396-8041

## **SOFT WHITE WINTER WHEAT**

### **SY ASSURE SOFT WHITE WINTER WHEAT -**

SY Assure is a Soft White Winter Wheat developed by Syngenta Seeds, Inc. SY Assure was selected for high yield potential and test weight, lodging resistance and resistance to stripe rust. SY Assure has shown good adaptation in the high to moderate rainfall regions of western Idaho, eastern Washington, north-central and northeastern Oregon and irrigated production in the southern Snake River region of Idaho and the irrigated production areas of Washington. SY Assure is resistant to the current predominant races of stripe rust and has no known insect resistance. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety. – 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
<b>Weld</b>		
Revolution Soil and Seed		Fort Lupton
		970-666-1878 C

## TRITICALE

## SY TF 813 TRITICALE-

SY TF 813 is a tall semi-dwarf cultivar of winter triticale which is shorter statured than 348 triticale. It matures earlier and is more productive than 348 but somewhat later than TAMCALE 5019. Grain yields of SY TF 813 have been substantially higher than the silage variety 348 and significantly greater than the forage cultivar TAMCALE 5019. SY TF 813 is well suited for multiple uses. Its vegetative biomass production in the fall is superior to 348 and TAMCALE 5019 and silage harvests also have been equal to or greater than check cultivars. SY TF 813 is uniformly awnleted which is preferred for hay and silage over fully awned cultivars. SY TF 813 generally produces silage with higher crude protein and higher relative feed value than either 348 or TAMCALE 5019. SY TF 813 is sufficiently winter hardy to withstand the cold temperatures characteristic of the Texas Panhandle and western Kansas. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety – 1994 PVPA.

**COUNTY/NAME/CITY**      **PH**      **CLASS**

## Kit Carson

Eastern Colorado Seeds, LLC. Burlington  
866-655-7380 C

## Weld

Revolution Soil and Seed Fort Lupton  
970-666-1878 C

**934271498 WINTER TRITICALE-**

934271498 is a winter triticale developed by Northern Agri-Brands LLC. It was selected for silage yield production, improved grain yield, winter hardiness and awnlessness. Certified seed of 934271498 became available in 2021. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety – 1994 PVPA.

<b>COUNTY/NAME/CITY</b>	<b>PH</b>	<b>CLASS</b>
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**Kit Carson**

Eastern Colorado Seeds, LLC.	Burlington	
	866-655-7380	C

## **APPROVED CERTIFIED SEED CONDITIONERS**

The Approved Conditioner Program in Colorado is designed to fill the need for efficient cleaning and distribution of Colorado Certified Seed. Approved seed conditioners are regular members of the Colorado Seed Growers Association and provide quality assurance for the seed producer and the seed customer. An approved conditioner is not only responsible for cleaning certified seed, but also serves as a connection between the seed producer and the seed trade. Approved conditioners include: 1) firms that are authorized to purchase field-approved seed and move it into their plants for conditioning, submit samples for laboratory analysis, order tags, labels or bulk sales certificates, and merchandise the finished product, and 2) firms that provide seed cleaning and handling services which prepare the certifiable seed to be marketed by its grower. According to CSGA standards, all certifiable hard red winter wheat must be cleaned by an approved conditioner that has secondary equipment capable of removing jointed goatgrass. Such conditioners are noted with \*. The following list does not include seed producers approved to condition only their own seed.

### **AAA Vidas Mobile Seed Cleaning\***

Goodland, KS (Portable) 409-795-0123

### **Andrews Brothers Seed\***

Yuma 970-848-0709

### **Colorado Seed Co., LLC\***

Monte Vista 719-852-3505

### **Golden Waves LLC\***

Kimball, NE (Portable) 308-230-2060

### **Grain Conditioning 2 Inc.\***

Conifer (Portable) 724-650-5774

### **Heritage Seed & Grain, LLC\***

Flagler 719-765-4545

**APPROVED CONDITIONERS**  
*(cont.)*

**Kalcevic Farms Inc.\***

Bennett 303-644-3443

**Midcap Seed & Grain\***

Wiggins 970-483-5265

**MolsonCoors**

Monte Vista 719-849-1457

**The Pachner Outfit\***

Gage, OK (Portable) 580-273-5094

**Paoli Farmers Coop\***

Paoli 970-774-7234

**Perry Bros. Seed, Inc.\***

Otis 970-246-3401

**Producers Co-op**

Olathe 970-650-2520

**Progressive Capital**

Byers 720-244-6775

**Revolution Soil and Seed\***

Fort Lupton 970-556-5425

**Snyder & Counts Feed\***

Craig 970-824-6023

**Southwest Seed Inc.**

Dolores 970-565-8722

**Splitter Farms\***

Sheridan Lake (Portable) 719-729-3567

**Twin Peaks Seed & Grain, LLC\***

Longmont 303-772-7333

**Wagers Seed\***

Woodrow (Portable) 970-554-0057

# NOTES

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