

January 17, 2020

CSU Crops Testing Program  
Department of Soil and Crop Sciences  
Office (970) 491-1454  
Cell (970) 690-9259  
[jerry.johnson@colostate.edu](mailto:jerry.johnson@colostate.edu)

TO: Corn Seed Companies

FROM: Dr. Jerry Johnson, Professor and Extension Specialist

Colorado State University conducts Colorado's official corn performance trials. CSU promotes crop variety testing as a service to Colorado's crop producers who depend on us for unbiased and reliable performance information to make better corn hybrid selection decisions. We take pride in producing results that can be trusted as we maintain high standards for reporting and trial integrity. Seed companies make use of these trials to test the adaptability of their hybrids in different environments. Colorado annually produces approximately 160 million bushels of corn for grain. Corn is a leading crop in Colorado with a 2018 value of over 585 million dollars. The 2019 Colorado corn performance report is available on our website [www.csucrops.com](http://www.csucrops.com).

### **Irrigated and Dryland Grain Trials**

As in previous years, there will be irrigated corn grain performance trials at Yuma, Burlington, Wiggins, Holyoke, and Rocky Ford and dryland trials at Akron and Dailey (see map on following page). This year we have an additional irrigated grain site in west-central Colorado at Fruita (near Grand Junction). The entry fee is \$275 per hybrid per location. All entries must have Roundup resistance. Hybrids at trial locations where Bacterial Leaf Streak caused by the bacterial pathogen *X. vasicola* pv *vasculorum* (Xvv) is present will be rated for resistance/susceptibility to Xvv. Disease scores will be reported in the 2020 trial results tables.

### **Irrigated Silage Trial**

This trial was a new addition last year and will be hosted at Fruita, CO on the Western Slope near Grand Junction. The entry fee the silage corn trial is \$380 per entry. All trial entries will have samples submitted to Dairyland Labs for feed quality analyses after harvest. Analyses will include relative feed value, crude protein, total digestible nutrients, net energy values, acid and neutral detergent fibers, and total digestible nutrients. All entries must have Roundup resistance.

### **Entry Information**

The completed entry form is due on March 16, 2020. Payment is due by April 6, 2020. The seed needs to be delivered to Akron by April 6, 2020. All irrigated and dryland trials will have four replications per entry. See the following page for complete instructions and mailing addresses.

CSU Crops Testing also contracts with companies to conduct corn agronomy or product trials. If you are interested please contact Jerry Johnson at (970) 690-9259, or Sally Jones-Diamond at (970) 214-4611.

## 2020 COLORADO CORN PERFORMANCE TRIALS

The completed entry form is due on or before **March 16, 2020**. The entry fee is **\$275** per entry (grain trials) per location, and the payment is due on or before **April 6, 2020**.

**Please make checks payable to Colorado State University and mail to:**

**CSU Crops Testing Program**  
1170 Campus Delivery  
Fort Collins, CO 80523-1170

Phone: (970) 214-4611  
Email: sally.jones@colostate.edu

**Send seed to:**

Ed Asfeld  
Crops Testing Program  
40335 County Road GG  
Akron, CO 80720

All seed should arrive in Akron by **April 6, 2020**. **A minimum of one pound seed/entry/location** is required.

**Eight Colorado corn trial locations in 2020 with 2019 total acreage harvested in corn producing counties of Colorado. *Fruita (Western Slope) not shown on map.***

