

February 14, 2014

To: Potential Cooperators in Sunflower Performance Tests

Re: 2014 Entry Form for Carrington Research Extension Center

On behalf of the NDSU Carrington Research Extension Center, we would like to extend an invitation to your seed company to submit entries in our performance tests of sunflower hybrids for the 2014 season.

During the 2014 growing season the Carrington REC will again conduct two different sunflower hybrid evaluations. These trials will be designated the "Oil Hybrid" and the "Non-Oil (Confectionary) Hybrid" performance tests. The oil hybrid trial will include all Nusun, High Oleic, and traditional oil type hybrids. We ask that you include notation on the entry forms of the specific type of oil for your hybrids so that appropriate oil content determinations may be made. We also would ask for other information related to your hybrids that you may wish to share that better describes the hybrids characteristics.

The data collected from each of these tests are published in the Carrington Research Extension Center's annual report that is available to growers, Extension agents, and others in early December. Results from trials under our leadership are available on our web page immediately upon completion of data analysis. The data is also included in a summary of sunflower performance trials conducted across NDSU and published by the NDSU Extension Service as bulletin A-652.

The Oil Hybrid and Non-Oil Hybrid performance tests will be established on ground that was planted to a cereal grain in 2013. Each trial is managed utilizing the best management practices appropriate for each sunflower type. The hybrids are planted using four (4) replicates with individual plots established as 2 rows wide by 30 feet in length. All plots are over-planted and then hand thinned to the final desired stand and spacing.

The sunflower performance tests coordinated among the NDSU Research Extension Centers are conducted with a uniform fee which in 2014 will be two hundred fifty dollars (\$250 US) per hybrid per test location. Enclosed is an entry form contract that must be completed indicating sunflower hybrid entries and test location here at the Carrington Research Extension Center. Inclusion of the following information will be required:

- Brand name.
- Performance Test (Oil Hybrid or Non-Oil Hybrid).
- Hybrid identification.
- Oilseed type (Nusun, High Oleic, Traditional)

Return of the completed contract form, **200 grams of seed**, and payment must be received no later than April 14, 2014 for inclusion in these trials. If seed supplies are limited please contact me and I will discuss specific seed number requirements. We are looking forward to another successful growing season and year of evaluation in 2014.

Respectfully,



Blaine G. Schatz
Director/Agronomist



Mike Ostlie
Research Agronomist

Attachment

Sunflower Hybrid Testing Contract

North Dakota State University
AGRICULTURAL EXPERIMENT STATION

Sunflower Hybrid Performance Testing Contract No. 2014 between the Agricultural Experiment Station Carrington Research Extension Center at PO Box 219, Carrington, ND 58421 and _____ at _____. The Seed Supplier agrees to furnish 200 grams of seed for each of the following hybrids to be entered at each of the following locations.

IDENTIFICATION OF HYBRID
 (Supplementary entry list may be attached)

Brand	Hybrid	Hybrid Test	Oil Type	Technology Trait	Other Hybrid Characteristic (i.e. huller, etc.)
		Oil	Traditional	N/A	
		Oil	Traditional	N/A	
		Oil	Traditional	N/A	
		Oil	Traditional	N/A	
		Oil	Traditional	N/A	
		Oil	Traditional	N/A	
		Oil	Traditional	N/A	
		Oil	Traditional	N/A	
		Oil	Traditional	N/A	
		Oil	Traditional	N/A	
		Oil	Traditional	N/A	
		Oil	Traditional	N/A	
		Oil	Traditional	N/A	
		Oil	Traditional	N/A	
		Oil	Traditional	N/A	

The Seed Supplier also agrees to pay a total amount of \$ _____, based on a unit charge of \$250.00 (US) per entry for each location, on or before April 14, 2014, for testing during the 2014 Crop Growing Season. Please make checks payable to the Carrington Research Extension Center.

The Experiment Station will plant, maintain and harvest all plantings in a manner consistent with accepted practices for a given crop. Observations to be made by investigator will include planting and harvesting dates, crop maturity, yields, climatic data and such other information that may be mutually agreed upon between investigator and supplier of seed. All data collected will be published in an appropriate North Dakota Agricultural Experiment Station and/or Extension publication on a timely basis. Data from these North Dakota Agricultural Experiment Station trials shall not be used in advertising to indicate North Dakota Agricultural Experiment Station recommendation of any specific cultivar or hybrids.

SEED SUPPLIER
 Authorized Representative:

AGRICULTURAL EXPERIMENT STATION
 Investigator:

 e-mail:
 (results will be e-mailed, please write legibly)
 Date:

 Date: _____