

General Information

Date: 2008
Crop: Corn
Organization Name: Irrigation Research Foundation
Location: Yuma, Colorado
Project Leader: Charles Corey

Study Information

Product(s) Tested: Bio-Forge®
Conditions: Strip till, irrigated plots subject to high winds and extreme early heat.
Plant Population: 32,500 per acre

Results

Product	Rate of Application	Growth Stage at Application	Average Yield	Change in Yield Compared to Control	Percent Change	Other
CONTROL - 1			169.0 bu/acre			14.4 % moisture / 56 Test Wgt.
Bio-Forge - 1	1 pint per acre	in furrow application	217.1 bu/acre	48.1 bu/acre	28%	12.8% moisture / 56 Test Wgt.
CONTROL - 2			170.4 bu/acre			14.8% moisture / 56 Test Wgt.
Bio-Forge - 2	1 pint per acre	in furrow application	201.7 bu/acre	31.3 bu/acre	31.30%	15% moisture / 56 Test Wgt.
CONTROL - 3			175.1 bu/acre			14.8% moisture / 56 Test Wgt.
Bio-Forge - 3	1 pint per acre	in furrow application	209.0 bu/acre	33.9 bu/acre	19.40%	15% moisture / 56 Test Wgt.
CONTROL - 4			191.4 bu/acre			15.3% moisture / 56 Test Wgt.
Bio-Forge - 4	1 pint per acre	in furrow application	203.0 bu/acre	11.6 bu/acre	6%	15% moisture / 56.5 Test Wgt.

Conclusions/Observations

The use of Bio-Forge enhances the yield potential of irrigated corn--even in extreme wind and high heat conditions.

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This represents a portion of the data developed in the research sited. It is presented in a summary format to facilitate the sharing of information.