StollerUSA
Unleashing The Power Of Plants

Summary Research Report

Basic Information

Crop: Corn

Organization Name: Auburn University

Location: Sandy Mountain, Alabama

Project Leader: Dr. Reddy

Study Information

Product(s) Tested: Bio-Forge®, PowerPlus™

Conditions: Severe Drought

Results

Product	Rate of Application	Growth Stage at Application	Average Yield	Change in Yield	Percent Change
Control			54.66 bu/acre		
Bio-Forge	In Furrow, 1 pint/acre		78.60 bu/acre	23.9 bu /acre increase	43.70%
Bio-Forge & PowerPlus	Bio-Forge: 1 pint/acre				
	PowerPlus injected 1 gal/acre	PowerPlus injected at V3	77.76 bu/acre	23.1 bu/acre increase	42.20%
Bio-Forge & PowerPlus w/ Nitrogen	Bio-Forge: 1 pint/acre				
	PowerPlus injected 1 gal/acre 100 lb N	PowerPlus injected at V3	79.06 bu/acre	24.4 bu/acre increase	44.60%
Injected Nitrogen Only	100 lb Nitrogen	At sowing	59.63 bu/acre	4.9 bu/acre increase	9.00%
PowerPlus	Injected 1 gal/acre	PowerPlus injected at V3	62.40 bu/acre	7.7 bu/acre increase	14.00%
PowerPlus w/ Nitrogen	Injected 1 gal/acre	PowerPlus injected at V3	69.36 bu/acre	14.7 bu/acre increase	26.80%
Nitrogen	100 lb Nitrogen	Injected at V3	70.23 bu/acre	15.5 bu/acre increase	28.30%

Conclusions/Observations

Bio-Forge helped establish the root system and helped the corn plants endure the drought conditions to become significantly more productive than untreated corn.

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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.

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