

General Information

Date: 2008
Crop: Corn
Organization Name: North Carolina State University
Location: North Carolina
Project Leader: Dr. Ron Heiniger

Study Information

Product(s) Tested: Bio-Forge®, NitroPlus 9, Root Power, PowerPlus™, N-Large™
Irrigation: Dryland

Results

Product	Rate of Application	Growth Stage at Application	Average Yield	Change in Yield	Percent Change	Silking Trial
Control			158.67 bu/acre			
Bio-Forge/N-Large	0.5 pints/acre & 0.5 pints/acre		165.67 bu/acre	7 bu/acre	4.4%	Silking
Bio-Forge	1 pint/acre		163.33 bu/acre	4.66 bu/acre	2.9%	Silking
Bio-Forge	1 pint/acre		162.30 bu/acre	3.66 bu/acre	2.3%	Brown Silk
Bio-Forge/NitroPlus 9	0.5 pints/acre & 0.5 pints/acre		165.67 bu/acre	7 bu/acre	4.4%	Brown Silk
Control			110.25 bu/acre			
PowerPlus	1 gallon/acre	Sowing	123.25 bu/acre	13 bu/acre	11.80%	
PowerPlus/Nitrogen	1 gallon/acre & 100 lb N/acre	Sowing	124.5 bu/acre	14 bu/acre	12.90%	
PowerPlus	1 gallon/acre	V4	122.25 bu/acre	12 bu/acre	10.90%	
PowerPlus/Nitrogen	1 gallon/acre & 100 lb N/acre	V4	133.5 bu/acre	23.25 bu/acre	21.10%	
Root Power	1 gallon/acre	Sowing	132 bu/acre	21.75 bu/acre	19.70%	
Root Power/Nitrogen	1 gallon/acre & 100 lb N/acre	Sowing	120.25 bu/acre	10 bu/acre	9.10%	
Root Power	1 gallon/acre	V4	119 bu/acre	8.75 bu/acre	7.90%	
Root Power/Nitrogen	1 gallon/acre & 100 lb N/acre	V4	122.5 bu/acre	12.25 bu/acre	11.10%	
Control			133.75 bu/acre			
Bio-Forge	2 ounces/hundredweight	Seed	146.75 bu/acre	13 bu/acre	9.70%	
Bio-Forge	2 ounces/hundredweight	Seed	163 bu/acre	29.25 bu/acre	22.90%	
Bio-Forge/N-Large	4 ounces/hundredweight	Seed	151.5 bu/acre	17.75 bu/acre	13.3%	

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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.