

## DRY BEAN TRAIL\_1

Researcher: Wilber Remerra                      Year: 2006  
Variety: Unknown                                      Location: Free State (South Eastern)  
Planting Date: Mei                                      Soil type: Silt Sand Loam  
Irrigation: Rainfed                                      Plant Rate: 75,000 Seed /ha  
Soil Temperature: 18.5°C

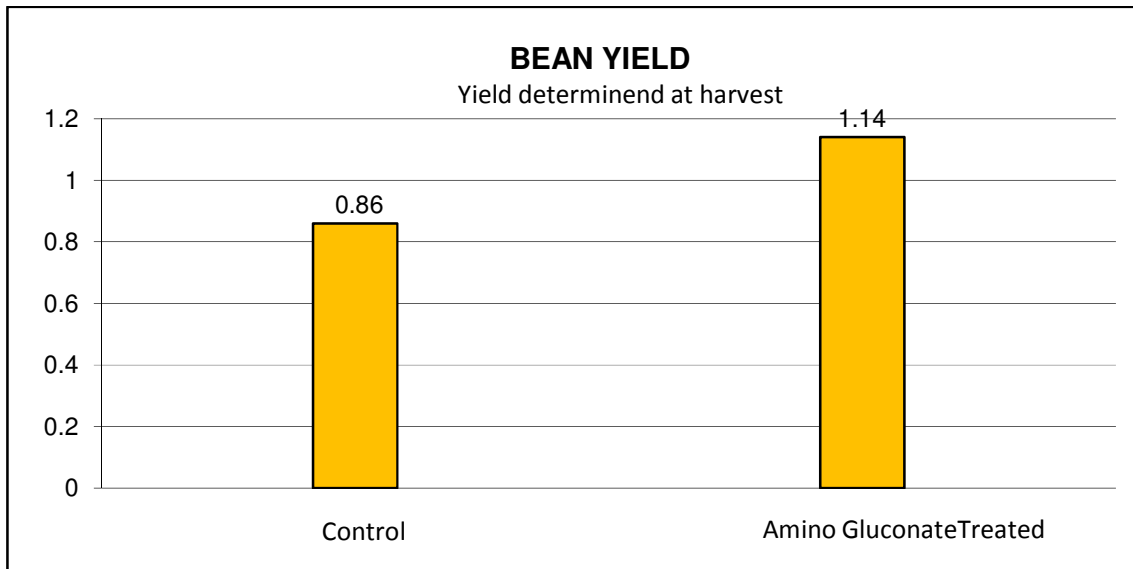
Experimental design: Amino Gluconate range was tested on a commercial field to evaluate quality and yield influences with Amino Gluconate application and without Amino Gluconate application. A commercial field of 2 hectare was divided into two halves of approximately 1 hectares treated with foliar applied Amino Gluconates and the remaining 1 hectare untreated.

Fertilization: Done according to Omnia fertilizer program

Amino Gluconate Application: 2Lt/ha Amino Gluconate Legume Growth applied at 3 times from third trifolate formation till 6 leaf stage and another applications of 2Lt/ha Amino Gluconate CalMag +B with 3Lt/ha Amino Gluconate Legume Fruit applied after flowering started and application repeated once after 16 days.

### Results:

Dry Bean Yield (Tons /hectare):



### Conclusion:

Yield Improvements:

- Increased bean yield: 0.28 Ton/hectare (24%)