



PennState

SUMMARY OF TRIAL



A study was conducted during April-December 2021 at Agronomy Farm Field V2, Penn State University, Pennsylvania to evaluate the Bioefficacy of PRIVI's product range on soil properties and productivity of corn.

Application Details

- Product tested: Crop program of two products as standalone
- Mode of application: Soil application
- Rate of application:
 - ORGANOFUZE Granules (Soil application) 22 lbs/acre
 - ORGANOFUZE Fertigation (Soil application) 0.5 gallons/acre
- Time of application: Single application at time of sowing

Type of study

- Field study

Key observation

Efficacy of ORGANOFUZE Granules and ORGANOFUZE Fertigation was compared with conventionally used Poultry Litter @ 2MT/acre to assess impact on soil properties.

- Soil Bulk density was found to improve with ORGANOFUZE Granules (1.27 g/cm^3) in comparison to Poultry Litter (1.29 g/cm^3).
- Aggregate stability was found to be better for ORGANOFUZE Granules (59.15%) in comparison to Poultry Litter (57.94%).
- ORGANOFUZE Fertigation improved nutrient availability from soil compared to Poultry Litter.



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