



# Agro Inputs Manufacturers Association of India

## SPECIMEN FOR PROTOCOL

### Protocol for Field Evaluation of Humic Acid Liquid (6 %)

1. **Objective of Study:** - To generate information on yield and demonstrate agronomic performance of **Humic Acid Liquid (6%)**
2. **Crop:** - Tomato
3. **Treatments:**- Four
  - a. **Humic Acid Liquid** at 2 ml per Liter
  - b. **Humic Acid Liquid** at 2.5 ml per Liter
  - c. **Humic Acid Liquid** at 3 ml per Liter
  - d. **Control**
4. **Replication:**- Three
5. **Application Method:** -
  - First Spray: - 21-30 Days after sowing/transplanting (peak vegetative growth)
  - Second Spray: - at the time of Flowering stage
  - Third Spray:- fruit development stage
6. **Plot Size:** - Any standard size adopted by University for Field Trials.
7. **Observations:-**
  - a. Number of Roots & its growth
  - b. Vegetative growth of Plant(Height & Branching)
  - c. Number of flowers & fruits
  - d. Size of Flowers & fruits
  - e. Retention of Flowers & Fruits(Prevention of Dropping)
  - f. Increase in Nutrient contents (Macro & Micro)
  - g. Yield

And all Biometric observations as per the Standard procedure adopted by the University for Agronomic Trials on Tomato crop.
8. **Report:** - After completion of the trial, the data may be analyzed statistically and report on the Efficacy of **Humic Acid Liquid (6 %)** application may be provided