Tomatoes – Nepal – Dr. Uprety – 2025

Overview

- Researcher: Dr. Rajendra Uprety, PhD
- Institute: Executive Director, AgriGreen Nepal
- Goal of Trial: To test and measure the effects of Kyminasi® Crop Booster™ technology on cultivating tomatoes in Nepal
- Report Date: July 12, 2025

Time

- Transplanting Date: November 15, 2024
- Harvesting Start Date: February 1, 2025

Location

- Place: Sisbani Jahada/Ramchowk, Morang
- Country: Nepal
- Coordinates: 26°28'05.23"N, 87°21'13.07"E
- Elevation: 288 ft (88 m)
- Treated Area: 1000 m^2 (0.24 acre)
- Control Area: 500 m^2 (0.12 acre)

Species

- Crop: Tomato
- Variety: Karan (Chai Tai seed)

Irrigation

- Type: Surface irrigation (underground water)
- Schedule: 6 irrigations

Trial Details

- Observation: Better growth with Crop Booster irrigation
- Observation: Tomato plants are healthier with Crop Booster irrigation (see photos below)
- Yield: Tomato fruit could be harvested more than 150 tons/ha, but due to market price drop below 4 cents/kg, the farmer abandoned field care after only two cuttings.
- Yield gain: In the 2 cuttings, the Control plot yielded 52 tons/hectare, while the plot treated with Crop Booster yielded 70.8 tons/hectare, thus demonstrating a **+36% yield boost.**

The photos below show the visible differences between the treated and untreated tomato plants.

Control tomatoes (January 5, 2025), trial-1

Crop Booster tomatoes (January 5, 2025), trial-1

Control tomatoes (March 17, 2025), trial-1

Crop Booster tomatoes (March 17, 2025), trial-1

Crop Booster tomatoes (May 13, 2025), trial-3