

CROP ANALYSIS

Crop Name : TOMATO

Report No : DJIESPDX001

Field Id : ID101

Date/time : 02/02/25 (11:25Am)

SOIL ANALYSIS

NUTRIENTS	DESIRED VALUES	ACTUAL VALUES
Nitrogen	100 - 150 kg/ha	80 kg/ha
Potassium	50 - 80 kg/ha	60 kg/ha
phosphorus	50 - 100kg/ha	120 kg/ha
Temprature	18-30°C	35°C
Moisture	60% - 80%	50%
Ph Value	6.0 - 7.0	5.5

Conclusion: The nitrogen is too low, potassium is too high, pH is too acidic, and moisture is insufficient, while temperature is above the ideal range, which may cause poor growth, flower drop, and lower yield. Adjusting fertilizer balance, improving irrigation, and regulating soil pH will help optimize tomato growth

DISEASE ANALYSIS

DISEASE TYPE	REMEDIES	SEVERITY
Early Blight	Apply fungicides like chlorothalonil or copper-based sprays and remove infected leaves.	Low Level
Late Blight	Apply fungicides like chlorothalonil or copper-based sprays .	Low Level
Septoria Leaf Spot	Apply fungicides like chlorothalonil or copper-based sprays .	High Level

Conclusion: To manage Early Blight and Septoria Leaf Spot, apply fungicides like chlorothalonil or copper-based sprays and remove infected leaves at a low level. For Late Blight, use fungicides and monitor at a high level due to its rapid spread and severity.