 Primary Inputs (15)

NDVI

0.60

0.00


1.00

SAVI

0.50

0.00

1.00

 Soil Moisture (%)

43.00

0.00

100.00

Humidity (%)

55.00

0.00

100.00

Canopy Coverage (%)

60.00

0.00

100.00

Chlorophyll Content

35.00

0.00

100.00

Leaf Area Index

2.50

0.00


10.00

Pest Hotspots

1

0


10

 Temperature (°C)

28.00

10.00

45.00

 Rainfall (mm)

80.00

0.00


300.00

 Fertilizer (g)

120.00

0.00


500.00

 Crop Height (cm)

60.00

0.00

200.00

 Pest Level (0-10)

3.00

0.00

10.00


 Sunlight (hrs)


8.00




# SimAgro: Smart Crop Health & Yield Predictor


Use the sliders below to simulate crop/environmental conditions and receive AI-powered predictions.

 Advanced Feature Settings (Optional)


 Predict

 Predicted Health

Good


 Estimated Yield


2.55 tons/hectare

 Virtual Cobot Advisor

View Recommendations


- ☒ All parameters look optimal. Continue regular operations.

 Download Prediction as CSV


 Simulation Trends

Choose variable to visualize:

Rainfall(mm)



Day	Rainfall (mm)
1	3.2
2	12.5
3	17.8
4	16.1
5	12.4
6	8.9
7	18.5
8	12.2
9	14.3
10	14.5
11	11.6
12	2.1
13	18.7
14	14.6
15	16.4
16	13.9
17	1.5
18	13.2
19	17.9
20	7.8
21	10.5
22	14.1
23	18.6
24	18.2
25	11.7
26	2.6
27	16.3
28	9.4
29	13.8
30	3.5
31	6.7
32	4.9
33	8.8
34	4.4
35	20.1
36	15.2
37	10.1
38	20.3
39	12.5
40	0.1
41	2.3
42	1.6
43	4.8
44	15.9
45	16.4
46	4.7
47	0.2
48	15.8

 Show Raw Data

localhost:8501

1/1