

# Screenshots of the project

Output-

The screenshot shows a web application titled "Crop\_Prediction" with a blue header. The interface is divided into two main sections: "Crop\_Predict" on the left and "Yield" on the right. The "Crop\_Predict" section contains a form with the following fields and values:

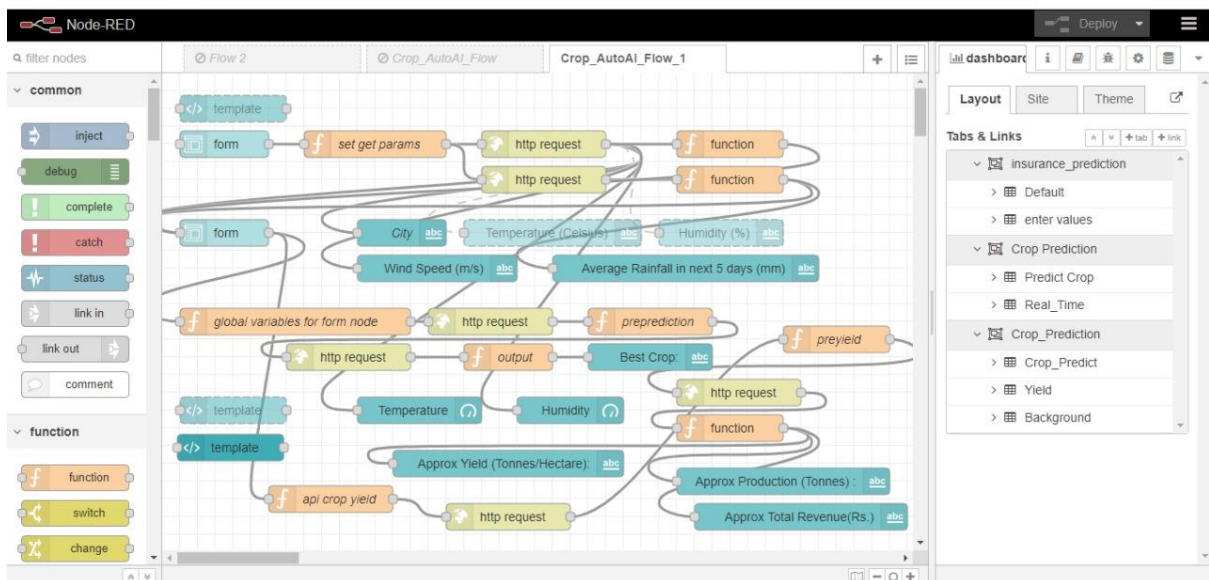
- Enter District Name:
- District: **Pune**
- Wind Speed (m/s): **4.15**
- Average Rainfall in next 5 days (mm): **1.2925**
- Temperature: **22.92** Celsius (gauge)
- Humidity: **87** % (gauge)

Buttons "SUBMIT" and "CANCEL" are present. The "Yield" section displays the results:

- Best Crop: **Moong**
- Approx Production (Tonnes): **7.247100472450256**
- Approx Yield (Tonnes/Hectare): **0.7247100472450256**
- Approx Total Revenue(Rs.): **527226.5593707561**

Buttons "SUBMIT" and "CANCEL" are also present in the "Yield" section.

Node-RED-



## Datasets-

farmer.gov.in/mspstatements.aspx

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**AGRICULTURE & HORTICULTURE CORNER**

- Input
- Crop Management
- Post Harvest
- Risk Management
- Exports Imports
- Soil Health Card

**ANIMAL HUSBANDRY CORNER**

- Veterinary Centre
- Diagnostic Laboratory
- LiveStock Census

**Minimum Support Prices**

Statement Showing Minimum Support Prices - Fixed by Government (Rs./quintal)

Commodity	Variety	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
<b>KHARIF CROPS</b>													
PADDY	Common	1000	1080	1250	1310	1360	1410	1470	1550	1750	1815	1868	1940
	Grade 'A'	1030	1110	1280	1345	1400	1450	1510	1590	1770	1835	1888	1960
JOWAR	Hybrid	880	980	1500	1500	1530	1570	1625	1700	2430	2550	2620	2738
	Maldandi	900	1000	1520	1520	1550	1590	1650	1725	2450	2570	2640	2758
BAJRA		880	980	1175	1250	1250	1275	1330	1425	1950	2000	2150	2250
MAIZE		880	980	1175	1310	1310	1325	1365	1425	1700	1760	1850	1870
RAGI		965	1050	1500	1500	1550	1650	1725	1900	2897	3150	3295	3377

aps.dac.gov.in/APY/Public\_Report1.aspx

**Crop Production Statistics for Selected States, Crops and Range of Year**

Report Format: PDF | Generate Report | Home

**Selection Criteria:**

- Season:**
  - ☐ All Season
  - ☐ Autumn
  - ☐ Kharif
  - ☐ Rabi
  - ☐ Summer
  - ☐ Winter
  - ☐ Whole Year
- Year:**
  - ☐ All Year
  - ☐ 1997-98
  - ☐ 1998-99
  - ☐ 1999-00
  - ☐ 2000-01
  - ☐ 2001-02
  - ☐ 2002-03
  - ☐ 2003-04
  - ☐ 2004-05
  - ☐ 2005-06
  - ☐ 2006-07
  - ☐ 2007-08
  - ☐ 2008-09
  - ☐ 2009-10
  - ☐ 2010-11
- State Selection:**
  - ☐ All States
  - ☐ 1. Andaman and Nicobar Islands
  - ☐ 2. Andhra Pradesh
  - ☐ 3. Arunachal Pradesh
  - ☐ 4. Assam
  - ☐ 5. Bihar
  - ☐ 6. Chandigarh
  - ☐ 7. Chhattisgarh
  - ☐ 8. Dadra and Nagar Haveli
  - ☐ 9. Daman and Diu
  - ☐ 10. Delhi
  - ☐ 11. Goa
  - ☐ 12. Gujarat
  - ☐ 13. Haryana
  - ☐ 14. Himachal Pradesh
  - ☐ 15. Jammu and Kashmir
  - ☐ 16. Jharkhand
  - ☐ 17. Karnataka
  - ☐ 18. Kerala
  - ☐ 19. Lakshadweep
  - ☐ 20. Madhya Pradesh
  - ☐ 21. Maharashtra
  - ☐ 22. Manipur
  - ☐ 23. Meghalaya
  - ☐ 24. Mizoram
  - ☐ 25. Nagaland
  - ☐ 26. Odisha
  - ☐ 27. Punjab
  - ☐ 28. Rajasthan
  - ☐ 29. Sikkim
  - ☐ 30. Tamil Nadu
  - ☐ 31. Telangana
  - ☐ 32. Tripura
  - ☐ 33. Uttar Pradesh
  - ☐ 34. Uttarakhand
  - ☐ 35. West Bengal
  - ☐ 36. Chandigarh
  - ☐ 37. Daman and Diu
  - ☐ 38. Diu
  - ☐ 39. Lakshadweep
  - ☐ 40. Pondicherry
- Crop Selection:**
  - ☐ All Crops
  - ☐ 1. Arecanut
  - ☐ 2. Arhar/Tur
  - ☐ 3. Bajra
  - ☐ 4. Banana
  - ☐ 5. Barley
  - ☐ 6. Black pepper
  - ☐ 7. Cardamom
  - ☐ 8. Cashewnut
  - ☐ 9. Castor seed
  - ☐ 10. Coconut
  - ☐ 11. Coniander
  - ☐ 12. Cotton(lint)
  - ☐ 13. Cowpea(Lobia)
  - ☐ 14. Dry chillies
  - ☐ 15. Dry Ginger
  - ☐ 16. Garlic
  - ☐ 17. Ginger
  - ☐ 18. Gram
  - ☐ 19. Groundnut
  - ☐ 20. Guar seed
  - ☐ 21. Horse-gram

kaggle.com/siddharthss/crop-recommendation-dataset

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Data | Tasks | Code (3) | Discussion (1) | Activity | Metadata

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**Context**

# N	# P	# K	# temperature	# humidity
Nitrogen Level	Phosphorus Level	Potassium Level	Temperature	Local
0	5	5	8.83	14.3
98	42	43	28.87974371	82.86
85	58	41	21.77846169	80.31
68	55	44	23.88445915	82.35
74	35	48	26.49189635	88.11
78	42	42	28.13817482	81.66
69	37	42	23.85884872	83.37
69	55	38	22.78883798	82.65
94	53	48	28.27774362	82.85

**Summary**


- 1 file
- 8 columns

## Weather API-

← → ↺

openweathermap.org/api

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