

Crop_Type	Soil_Type	Farm_Size_Acres	Irrigation_Available	Soil_pH	Soil_Nitrogen	Soil_Organic_Matter	Air_Temperature	Rainfall	Humidity
summer paddy	Red and Yellow soils	70.84	0	5.18	198.87	1.46	20.17	1861.64	57.92
Kulthi	Alluvial soils	33.93	1	4.86	27.78	2.53	33.65	1400.44	53.26
Arhar	Laterite soils	59.67	1	7.69	62.5	4.66	22.54	574.31	65.55
Gram	Alluvial soils	50.0	0	6.48	134.66	2.27	25.67	1900.4	34.97
summer paddy	Red and Yellow soils	94.63	0	6.05	69.89	1.45	14.37	1568.62	25.95
Pea	Red and Yellow soils	75.01	1	8.3	75.77	2.02	16.99	1489.78	21.91
Arhar	Red and Yellow soils	73.82	0	5.98	179.6	2.82	31.83	1572.51	46.7
Arhar	Black soils	5.59	1	5.17	120.08	3.19	39.31	1386.46	86.26
Soybean	Laterite soils	55.42	0	5.6	29.54	2.45	31.14	239.8	67.94
Gram	Black soils	47.23	0	5.46	69.06	3.91	11.63	656.51	72.44
Maize	Alluvial soils	92.86	0	6.49	24.45	3.13	14.29	1921.83	86.16
Rice	Black soils	26.48	0	5.67	115.66	3.49	23.37	719.49	49.54
Mustard	Laterite soils	27.71	0	6.56	42.92	4.38	31.98	1588.93	53.21
Urd	Black soils	41.72	1	7.18	172.85	4.4	14.98	964.07	45.17
Rice	Red and Yellow soils	25.09	1	7.61	119.69	1.42	32.52	1833.55	32.7
Wheat	Alluvial soils	13.79	0	7.34	21.28	3.31	26.68	1203.8	73.65
Mustard	Alluvial soils	85.88	0	5.32	67.17	3.72	33.24	1337.39	83.47
Mustard	Red and Yellow soils	50.27	0	4.96	127.1	1.16	26.73	631.33	76.97
Masoor	Red and Yellow soils	80.27	1	6.67	73.74	4.29	28.08	303.54	23.34
Millets	Red and Yellow soils	80.28	1	5.3	107.5	1.31	17.46	1561.8	40.94
Groundnut	Laterite soils	28.92	1	4.84	182.78	4.1	31.61	321.76	61.45
Kulthi	Black soils	55.23	0	6.61	76.51	1.23	35.32	1499.24	42.9
Kulthi	Alluvial soils	9.24	1	5.81	73.82	3.84	36.14	1199.89	30.51
Pea	Black soils	91.61	0	7.52	165.75	1.17	10.88	1676.04	57.69
Mustard	Red and Yellow soils	41.02	0	5.76	70.56	2.2	28.74	570.39	56.5
Maize	Red and Yellow soils	30.97	0	8.41	24.81	1.15	39.69	1174.75	69.69

Niger	Black soils	30.97	0	7.53	44.38	1.72	27.61	1305.51	89.99
Pea	Alluvial soils	46.61	1	4.73	190.27	4.93	15.14	333.74	65.38
summer paddy	Laterite soils	25.92	1	6.54	187.33	0.98	36.33	1530.09	42.18
Tiwra	Black soils	38.11	0	6.75	52.71	2.33	17.93	900.25	86.95
summer paddy	Red and Yellow soils	80.19	0	7.28	115.17	3.55	11.35	432.05	59.99
Til	Red and Yellow soils	80.59	0	6.49	36.1	0.93	22.92	896.72	65.2
Soybean	Laterite soils	31.11	0	6.43	138.19	0.99	13.01	376.94	45.03
Moong	Black soils	47.43	0	5.97	45.21	1.14	13.46	1798.39	51.63
Til	Laterite soils	87.51	0	5.59	19.46	3.4	23.9	1022.17	49.3
Tiwra	Laterite soils	6.21	1	8.28	166.73	4.59	28.38	448.45	85.54
Rice	Alluvial soils	89.03	1	5.77	71.83	4.22	37.16	653.77	76.67
Kulthi	Alluvial soils	22.7	1	4.75	30.62	4.92	31.16	1504.37	26.35
summer paddy	Red and Yellow soils	60.18	0	5.17	168.44	3.1	35.28	1614.96	41.97
Mustard	Black soils	58.67	1	7.93	154.86	4.83	22.35	274.37	23.9
Gram	Alluvial soils	55.74	1	6.85	139.91	1.87	19.56	307.78	56.17
Kulthi	Red and Yellow soils	80.18	1	7.62	183.14	2.4	27.79	1850.93	39.56
Maize	Black soils	11.06	1	7.74	102.95	2.28	30.86	795.77	25.14
Moong	Red and Yellow soils	35.16	1	7.79	34.33	0.71	27.05	547.98	74.04
Masoor	Alluvial soils	54.29	0	6.7	21.66	4.23	17.94	421.5	26.38
Soybean	Red and Yellow soils	80.12	0	5.21	70.5	0.61	21.09	1056.72	39.01
Til	Black soils	22.43	0	5.09	26.5	3.78	23.45	1587.89	74.01
Gram	Black soils	80.49	1	6.8	111.75	2.33	10.42	1138.01	55.81
Soybean	Red and Yellow soils	40.56	0	5.97	12.75	0.53	36.4	237.21	77.2
Rice	Black soils	19.7	1	6.73	94.32	1.8	25.34	1071.03	49.01