Crop	P	K	pН	soil_moisture		
0	Rice	80	40	40	5.5	530
3	Maize	80	40	20	5.5	550
5	Chickpea	40	60	80	5.5	560
12	kidneybeans	20	60	20	5.5	545
13	pigeonpeas	20	60	20	5.5	545
14	mothbeans	20	40	20	5.5	330
15	Mungbean	20	40	20	5.5	80
18	Blackgram	40	60	20	5	60
24	Lentil	20	60	20	5.5	590
60	pomegranate	20	10	40	5.5	330
61	Banana	100	75	50	6.5	540
62	Mango	20	20	30	5	15
63	Grapes	20	125	200	4	60
66	watermelon	100	10	50	5.5	570
67	muskmelon	100	10	50	5.5	330
69	Apple	20	125	200	6.5	550
74	Orange	20	10	10	4	60
75	Papaya	50	50	50	6	20
88	Coconut	20	10	30	5	45
93	Cotton	120	40	20	5.5	570
94	Jute	80	40	40	5.5	520
95	Coffee	100	20	30	5.5	520