

Crop	Nitrogen (N)	Phosphorus (P)	Potassium (K)	Temperature (°C)	Humidity (%)	pH	Rainfall (mm)
Rice	80-140	30-50	30-40	20-38	70-90	5.5-6.5	100-250
Maize	40-100	30-50	20-50	18-27	50-80	5.0-7.5	50-150
Jute	40-80	30-45	25-40	24-30	60-90	5.0-7.0	100-200
Cotton	40-80	30-45	20-50	20-30	50-80	5.0-7.0	70-120
Coconut	20-80	10-30	20-40	22-32	60-85	5.0-6.5	100-200
Papaya	60-120	30-50	30-50	21-33	60-80	5.5-6.5	80-150
Orange	40-80	20-40	20-40	15-28	50-80	5.0-6.5	50-120
Apple	20-60	10-30	10-30	10-20	30-60	5.0-6.5	50-120
Muskmelon	40-80	20-40	20-40	20-30	40-70	6.0-7.5	40-100
Watermelon	40-80	20-40	20-40	22-32	50-70	5.5-7.0	50-120
Grapes	40-100	30-60	20-50	15-30	40-70	5.5-7.0	40-120
Mango	40-100	30-60	20-50	24-35	50-80	5.5-7.5	70-150
Banana	80-150	40-60	40-70	25-35	60-90	5.5-6.5	100-200
Pomegranate	40-80	20-40	20-40	20-30	40-70	5.5-7.0	50-120
Lentil	20-60	10-30	10-30	15-25	30-60	6.0-7.5	30-80
Blackgram	20-60	10-30	10-30	20-30	40-70	6.0-7.5	30-80
Mungbean	20-60	10-30	10-30	20-30	40-70	6.0-7.5	30-80
Mothbeans	20-60	10-30	10-30	20-30	30-60	6.0-7.5	20-60
Pigeonpeas	20-80	20-40	20-40	20-30	40-70	5.5-7.5	50-120
Kidneybeans	40-80	20-40	20-40	15-25	40-70	6.0-7.5	50-100
Chickpea	20-60	20-40	20-40	15-25	40-60	6.0-7.5	40-80
Coffee	40-100	20-40	20-40	18-28	60-80	5.0-6.5	80-150