

| Crop | N | P | K | Temp (°C) | Humidity (%) | pH | Rainfall (mm) |
|------------|-----|----|----|-----------|--------------|---------|---------------|
| Rice | 90 | 42 | 43 | 20–35 | 70–90 | 5.0–6.5 | 1000–2000 |
| Groundnut | 20 | 10 | 10 | 25–30 | 60–70 | 6.0–7.5 | 500–1000 |
| Peas | 30 | 20 | 15 | 10–25 | 50–70 | 6.0–7.5 | 400–600 |
| Maize | 50 | 50 | 50 | 18–27 | 60–70 | 5.5–7.0 | 500–800 |
| Potato | 40 | 20 | 30 | 15–20 | 50–70 | 5.0–6.5 | 600–1000 |
| Tomato | 55 | 30 | 25 | 20–25 | 60–70 | 6.0–6.8 | 400–600 |
| Banana | 80 | 40 | 40 | 26–30 | 75–90 | 5.5–7.0 | 1500–2000 |
| Watermelon | 60 | 20 | 40 | 21–32 | 60–70 | 6.0–6.8 | 400–600 |
| Muskmelon | 70 | 25 | 35 | 20–30 | 60–70 | 6.0–7.0 | 300–500 |
| Wheat | 100 | 50 | 50 | 10–15 | 50–60 | 6.0–7.5 | 400–600 |
| Coffee | 45 | 15 | 10 | 15–28 | 70–80 | 6.0–6.5 | 1500–2500 |
| Sugarcane | 120 | 40 | 50 | 20–26 | 60–80 | 6.0–7.5 | 1200–1500 |