



Cotton Nutrition Plan 2021

Major Nutrients

Phosphorous, Nitrogen, Potash

Phosphorous				
Name	Qty/Acre (Bags)	Qty Kgs/Lits per pack	Time of Application	Comments
DAP	1	50	At the time of soil preparation	Use DAP Mix 1 bags of Organic fertilizer and apply
V Ammonium phosphate	1	10	Flood irrigate at Flowering	100% water soluble fertilizer for mid life phosphorous need
Gravedo (PSB)	1	1	Flood irrigate with 1st/2nd irrigation	Bio fertilizer with Phosphorus solublizing bacteria (optional)

Nitrogen				
Name	Qty/Acre (Bags)	Qty Kgs/Lits per pack	Time of Application	Comments
Vital Urea (Sulfur coated urea)	2	25	1/2 bag Urea + 1 bag SCU after 30-35 days of sowing at 1st irrigation in May/June	Mix with Urea at 25Kg Urea + 1 bag SCU and apply as side dressing
V Ammonium Sulphate	1	50	1/2 bag Urea + 1 A.sulphate at bud formation	Mix with Urea at 25Kg + 1 bag Ammonium Sulfate and apply
Urea	1.5	75	1/2 bag Urea + 1 bag SCU at Flowering/Boll formation	Mix with Urea at 25Kg Urea + 1 bag SCU and apply as side dressing

Potash				
Name	Qty/Acre (Bags)	Qty Kgs/Lits per pack	Time of Application	Comments
MOP	0.5	25	At the time of sowing	At the time of sowing
Vital Potash (Nitro Potash)	1	20	10 Kg in June/July and 10 Kg in August	Flood irrigate

Critical Inputs				
Name	Qty/Acre (Bags)	Qty Kgs/Lits per pack	Time of Application	Comments
V compost (O.M)	1	25	Mix with Phosphatic fertilizer	Mix with 1 bag of DAP and apply
Humic Grow (Humic Acid)	1	8	Mix with Urea at 8Kgs/ Bag	Mix w2 Kgs with urea and broadcast 6 kgs or flood irrigate
V Zinc (10%)	2	3	Flood with 1sr irrigation/1st N application	Apply in June
V -Boron (5%)	1	1	Spray/Flood when plant is 2 feet high	Apply in June
Gurilla (NPK)	3	1	Mix 0.5 lit/acre with insecticides	Apply 6 times during June, July & August

Note:

1. Crop nutrition plan is a function of nutrient's availability in soil. We encourage you to regularly have the soil tested.
2. The above recommendations are general recommendations. Please contact us for detailed discussions.
3. Use of soil amendments is highly recommended on soil with high ph (greater than 8.3) and organic matter less than 1%.