



Corn Nutrition Plan 2021

Major Nutrients

Phosphorous, Nitrogen, Potash

Phosphorous				
Name	Qty/Acre (Bags)	Qty Kgs/Lits per pack	Time of Application	Comments
DAP	2	50	Basal Dose	DAP is used as basal dose but to meet with initial Nitrogen & P2O5 requirement
V Ammonium Phosphate	1	10	At 35-40days crop (with 3rd N or before Cob formation)	100% Water soluble P2O5 and N source, quickly available to crop and plays important role in mid-life of a crop.

Nitrogen				
Name	Qty/Acre (Bags)	Qty Kgs/Lits per pack	Time of Application	Comments
UREA	1.5	50	1 Vital Urea + 1/2 Urea (1st at 4-6 leaf stage, 2nd at 10-12 leaf stage)	Side dressing/Pouring along the rows
Vital Urea (Sulfur coated urea)	2	25	1 Vital Urea + 1/2 Urea (1st at 4-6 leaf stage, 2nd at 10-12 leaf stage)	Vital Urea contain 7 kg Sulfur (Side dressing/Pouring along the rows no Flooding)
V Ammonium Sulfate	1	50	1/2 Urea + 1 Ammonium sulphate (before flowering)	Flooding/Side dressing/Broadcast

Potash				
Name	Qty/Acre (Bags)	Qty Kgs/Lits per pack	Time of Application	Comments
SOP	1	50	At the time of sowing	
Vital Potash	1.5	20	20 Kg with 2nd N application & 10Kg with 3rd N (55-60 days crop max.)	100% water soluble source of NK. Potash helps cope with extreme temp, increases resistance to water irregularity, lodging, insect & disease attack. Helps in grain filling.

Micronutrients				
Name	Qty/Acre (Bags)	Qty Kgs/Lits per pack	Time of Application	Comments
V Zinc (10%L)	3	3	9 Ltr seismic Zinc with first N dose	
V Boron	1	1	Apply with 3rd N application	Help Pollination, fruit seed development & grain filling

Other Products (Suggested products for Higher yields)				
Name	Qty/Acre (Bags)	Qty Kgs/Lits per pack	Comments	
V compost (O.M)	1	25	Improves OM in soil, increase soil porosity and water retention, reduces Nitrogen loss.	
Humic Grow	1	8	If V compost has not been used then it can be used on 3/4th irrigation	
Gravedo (PSB)	1	1	IF both V compost or Humic Grow have not been used	
Gurilla (NPK 8*8*6 with Amino)	1	1	Use if Crop is under stress or immediately after carbofuran application	
VL micro Mix	1	1	Foliar Spray with Boron Application	

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%.