



Rice 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 sowing/before transplant | Mix 1 bag Organic fertilizer/or humic acid and apply |
| V Ammonium Phosphate | 1 | 10 | Flood irrigate between 30 and 45 days after transplant | |

| Nitrogen | | | | |
|---------------------------------|-----------------|-----------------------|---|---|
| Name | Qty/Acre (Bags) | Qty Kgs/Lits per pack | Time of Application | Comments |
| Vital Urea (sulfur coated urea) | 2 | 25 | 1st bag after 25-30 & 2nd after 45-50 DAS | Apply Vital Urea as side dressing or broadcast, no flooding |
| V Ammonium Sulphate | 1 | 50 | After 65-70 DAS | Mix 1/2 Urea if crop is weak |

| Potash | | | | |
|--------------|-----------------|-----------------------|--|--|
| Name | Qty/Acre (Bags) | Qty Kgs/Lits per pack | Time of Application | Comments |
| SOP | 0.5 | 50 | At the time of sowing/before transplant | |
| Vital Potash | 0.5 | 20 | Apply with 2nd OR 3rd Nitrogen application | Vital Potash increases grain size & aroma, resistance against diseases and lodging |

| Other Products | | | | |
|---------------------------------|-----------------|-----------------------|---|--|
| Name | Qty/Acre (Bags) | Qty Kgs/Lits per pack | Time of Application | Comments |
| V. Copmost (organic Fertilizer) | 1 | 25 | Mix with Phosphatic fertilizer | Mix with DAP or any Phosphatic fertilizer and apply before transplanting |
| Humi Grow (Humic Acid) | 1 | 8 | Mix with Urea @ 4-Kgs and apply | |
| V Zinc 10% | 4 | 3 | Apply 10-15 days after transplant | Can be mixed with Boron |
| V Boron 5% | 1 | 1 | Apply as Foliar Spray OR Flood 3 weeks after transplant | Can be mixed with chelated Zinc and sprayed |

| Nursery Nutrition | | | | |
|--------------------------------------|--------------------|--------------------|--|--|
| Nutrient | Product | Kg / Lit per Kanal | Comments | |
| Phosphorous | DAP | 10 | Should be applied three weeks before seed planting | |
| Nitrogen | SCU | 5 | Should be applied as broadcast with 1st irrigation | |
| Zinc | Zinc | 1 | Should be applied when nursery is 3 weeks old | |
| N:P:K (8:8:6) | Gurella | 250-ml | Spray when plants in stress or showing week growth | |
| Seed Treatment | Thiophenate methyl | 3-4 gm/kg Seed | To control Foot Rot & brown leaf Spot diseases | |
| | Homber XL | 5-gm/kg Seed | To control Aphid, Smut diseases & brown leaf spot | |
| Liquid Humic Acid (Potassium Humate) | Vibrant | 2-ltrs | Flood 8-10 days before uprooting for transplant | |

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%.