



Precision Fertility™

| Formulation | No Stretch 15-0-20 | Complete 17-5-17 | Fusion 17-5-17 | pH Buffer 18-6-24 | pH Reducer 18-9-18 | Fertility Plus 19-2-19 | Total Plus 19-8-13 | Classic Feed 22-0-22 | Cal Mag 14-0-14 | High K 13-0-25 | Starter 10-50-10 |
|--|--|---|-------------------|--------------------------------------|--|---|--|-------------------------|--------------------|-------------------|---------------------|
| Total Nitrogen (N) | 15% | 17% | 17% | 18% | 18% | 19% | 19% | 22% | 14% | 13% | 10% |
| Nitrate Nitrogen | 12.2% | 12.4% | 12.3% | 11.8% | 9.2% | 12.2% | 12.1% | 14.3% | 13.0% | 12.8% | 0% |
| Ammoniacal Nitrogen | 2.8% | 4.6% | 4.7% | 6.2% | 8.8% | 6.8% | 6.9% | 7.7% | 1% | 0.2% | 6.8% |
| Urea Nitrogen | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 3.2% |
| Available Phosphoric Acid (P ₂ O ₅) | 0% | 5% | 5% | 6% | 9.0% | 2% | 8% | 0% | 0% | 0% | 50% |
| Soluble Phosphorus (P) | 0% | 2.1% | 2.1% | 2.6% | 3.9% | 0.87% | 3.49% | 0% | 0% | 0% | 22% |
| Soluble Potash (K ₂ O) | 20% | 17% | 17% | 24% | 18.0% | 19% | 13% | 22% | 14% | 25% | 10% |
| Soluble Potassium (K) | 16.6% | 13.9% | 13.9% | 19.9% | 14.9% | 15.7% | 10.79% | 18.26% | 11.62% | 20.75% | 8.3% |
| Calcium (Ca) | 3% | 3% | 3% | 0% | 0% | 0% | 2.5% | 0% | 6% | 4% | 0% |
| Magnesium (Mg) | 1.5% | 1% | 1% | 0% | 0.2% | 1.5% | 1.0% | 1% | 3% | 2% | 0% |
| Sulphur (S) | 0% | 0% | 0.00% | 0% | 4.9% | 1.8% | 1.8% | 1.5% | 0% | 0% | 0% |
| Iron (Fe) | 0.25% | 0.25% | 0.10% | 0.10% | 0.25% | 0.25% | 0.25% | 0% | 0% | 0% | 0% |
| Manganese (Mn) | 0.075% | 0.075% | 0.050% | 0.050% | 0.075% | 0.075% | 0.075% | 0% | 0% | 0% | 0% |
| Zinc (Zn) | 0.075% | 0.075% | 0.050% | 0.050% | 0.075% | 0.075% | 0.075% | 0.5% | 0% | 0% | 1% |
| Copper (Cu) | 0.050% | 0.050% | 0.050% | 0.050% | 0.050% | 0.050% | 0.050% | 0% | 0% | 0% | 0% |
| Boron (B) | 0.020% | 0.020% | 0.020% | 0.020% | 0.020% | 0.020% | 0.020% | 0% | 0% | 0% | 0% |
| Molybdenum (Mo) | 0.015% | 0.015% | 0.015% | 0.015% | 0.015% | 0.015% | 0.015% | 0% | 0% | 0% | 0% |
| Chelating agent | 1.48% EDTA 0.95% DTPA 0.1% EDDHA | 1.48% EDTA 0.95% DTPA 0.10% EDDHA | 1.24% EDTA | 0.7% EDTA 0.5% DTPA 0.2% EDDHA | 1.48% EDTA 0.95% DTPA 0.1% EDDHA | 1.48% EDTA 0.95% DTPA 0.10% EDDHA | 1.48% EDTA 0.95% DTPA 0.1% EDDHA | N/A | N/A | N/A | 4.46% EDTA |
| Potential Acidity (A)/ Basicity (B) (kgs CaCO ₃ per tonne of fertilizer) | 85 (B) | 55 (A) | 60 (A) | 150 (A) | 350 (A) | 165 (A) | 150 (A) | 160 kg (A) | 175 kg (B) | 225 kg (B) | 410 kg (A) |
| Temperature vs.Solubility (grams of fertilizer per litre of water) | | | | | | | | | | | |
| 15°C | 400 | 560 | 560 | 280 | 350 | 190 | 190 | 418 | 430 | 315 | 360 |
| 25°C | 510 | 800 | 800 | 450 | 480 | 350 | 350 | 590 | 780 | 520 | 450 |

Reference: EDTA - Ethylene Diamine Tetraacetate | DTPA - Diethylene Triamine Pentaacetate | EDDHA - Ethylene Diamine Dihydroxyphenylacetic Acid



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