



Plant-Prod Premixed Soluble Fertilizers

Formulation	Starter 10-52-10	Finisher 12-0-44	Optimum Cal Mag 12-2-14	Companion 13-6-30	Cal Mag 14-0-14	Cal Plus Special 15-0-15	Pioneer 15-15-18	High K 15-15-30	High P 15-30-15	Poinsettia Plus 18-6-20	Acidic High Nitrate 20-2-20	Super K 20-5-30	All Purpose 20-8-20	Interior No Dye 20-10-20	Classic 20-20-20	Acid Fertilizer 21-7-7	Drip Irrigation 24-10-20	High N 28-14-14
Total Nitrogen (N)	10%	12%	12%	13%	14%	15%	15%	15%	15%	18%	20%	20%	20%	20%	20%	21%	24%	28%
Nitrate Nitrogen	0%	12%	11.7%	10.2%	12.8%	13.4%	8.2%	8.9%	4.4%	11.5%	11.6%	8.9%	12.2%	12%	5.9%	2.1%	5.9%	1.7%
Ammoniacal Nitrogen	7.1%	0%	0.3%	2.8%	1.2%	1.6%	2.9%	2.9%	5.9%	6.5%	8.4%	1.0%	7.8%	8%	3.9%	13.2%	0%	0.3%
Urea Nitrogen	2.9%	0%	0%	0%	0%	0%	3.9%	3.2%	4.7%	0%	0%	10.1%	0%	0%	10.2%	5.7%	18.1%	26%
Available Phosphoric Acid (P ₂ O ₅)	52%	0%	2%	6%	0%	0%	15%	15%	30%	6%	2%	5%	8%	10%	20%	7%	10%	14%
Soluble Phosphorus (P)	22.6%	0%	0.87%	2.6%	0%	0%	6.5%	6.5%	13%	2.62%	0.87%	2.1%	3.4%	4.3%	8.7%	3%	4.3%	6.1%
Soluble Potash (K ₂ O)	10%	44%	14%	30%	14%	15%	18%	30%	15%	20%	20%	30%	20%	20%	20%	7%	20%	14%
Soluble Potassium (K)	8.3%	36.5%	11.6%	25%	11.6%	12.4%	14.9%	25%	12.4%	16.6%	16.6%	25%	16.6%	16.6%	16.6%	5.8%	16.6%	11.6%
Calcium (Ca)	0%	0%	6%	0%	5.9%	11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Magnesium (Mg)	0%	0%	3%	1.5%	2.9%	0%	0.15%	0%	0%	2%	0.08%	0%	0.15%	0.15%	0%	0%	0%	0%
Sulphur (S)	0%	0%	0%	1.9%	0%	0%	0%	0.20%	0%	2.50%	3.0%	0%	0.20%	0.20%	0%	13%	0%	0%
Iron (Fe)	0.10%	0.10%	0.10%	0.13%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
Manganese (Mn)	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%
Zinc (Zn)	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%
Copper (Cu)	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%
Boron (B)	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.01%	0.02%	0.20%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%
Molybdenum (Mo)	0.0005%	0.0005%	0.015%	0.015%	0.015%	0.015%	0.015%	0.0005%	0.0005%	0.06	0.015%	0.0005%	0.015%	0.015%	0.0005%	0.0005%	0.0005%	0.0005
Chelating agent	1.24% EDTA	1.24% EDTA	1.24% EDTA	1.4% EDTA	1.24% EDTA	1.24% EDTA	1.24% EDTA	1.24% EDTA	1.24% EDTA	0.71% EDTA 0.7% DTPA	1.24% EDTA	1.24% EDTA	1.24% EDTA	1.24% EDTA	1.24% EDTA	1.24% EDTA	1.24% EDTA	1.24% EDTA
Potential Acidity (A)/Basicity (B) (kgs CaCO ₃ per tonne of fertilizer)	450 (A)	245 (B)	200 (B)	45 (B)	165 (B)	165 (B)	50 (A)	50 (A)	340 (A)	135 (A)	255 (A)	75 (A)	205 (A)	210 (A)	285 (A)	790 (A)	285 (A)	455 (A)
Temperature vs. Solubility (grams of fertilizer per litre of water)																		
15°C	440	230	520	400	360	310	390	340	410	300	460	370	450	280	410	540	470	250
25°C	510	260	680	510	510	400	540	450	460	440	600	420	550	410	460	560	550	310

