



Latest Update: 24/11/10

Suggested Nutrient Applications for:



Cotton

Growth Stage		At Planting	Seedling Stage	4-6 Leaf Stage	Early Squaring	Flowering			Boll Set	Boll Fill	Notes
Product	% Nutrient (N-P-K) w/v					E	M	L			
Companion	Microbial Inoculant GB03	1 (Band Spray)									Protects developing root system against pathogen attack and drives seedling establishment.
Humic Acid 12	0-0-0 + 12 Ha	10									Improves soil structure, reduces nutrient leaching and improves microbial activity.
Gripper Zinc	7.5 Zn	2.5									EDTA chelated form, remains in a fully available form in the soil. Very compatible with Charge, if additional Zn is required.
Spray Twin Phos	7 – 11 – 4 + TE + Germination booster +root enhancer	5		5	5						Drives early root growth and plant establishment. Use in blocks where slow establishment is an issue.
Charge	13-14-9	15									High analysis Starter Fertilizer enriched with K to boost growth. Contains EDTA chelated zinc for better seedling growth and provides uniform distribution of P in soil profile.
Zintron	19-0-0, 6.6 Zn		0.5-1	1	1						Most active Zinc uptake with soluble N source for immediate uptake and growth.
KELPIT	100% Seaweed Sargussam & Durvillea		3	3							Seaweed extract supplemented with slow release N.
Smartrace Zinc 10 Zn,			4								Lignosulfonate chelated zinc for better absorption through foliage.
PKZ	0 -14-2, 10 Zn,			3	3	3					Facilitates early development, will avoid phosphorous induced Zinc deficiencies.
Smartrace Spraytrace 4	2 Mn, 2 Zn, 2 Fe, 2 Mg,			4	4	4	4	4			Multinutrient lignosulfonate chelate blend to correct incrop deficiencies.
Nitro 35	35 – 0 – 0			3	3					4x10L applications	Slow release Nitrogen, highly available non-leaching nitrogen. Lowest salt index formulation available. Controlled growth.
Four 7 Trace	7 – 0 – 0, 7 Zn, 7 Fe, 0.5 Cu			3							Apply to drive growth and stimulate after waterlogging events.
Pick 15-42	0 – 15 – 42				5				5	10	Potassium brings crop out of water stress P maintains crop energy production reducing early cut out and increasing K uptake. A phosphite free blend.
Boron 15	6 – 0 – 0, 15 B				1.5	2	2				Boron drives Calcium uptake and improves flower pollination, seed set and fibre quality.
GRIPPER Calcium	2.6 – 0 – 0, 3.8 Ca							5	5		EDTA calcium chelate for better lint growth. Add to the fibre strength.
K Blast 36	0 – 0 – 36, 8.8 S			5					5		High analysis Potassium foliar fertiliser in a thio-sulphate form.
Hi K 41.5	0 – 0 – 41.5								5		High analysis Potassium foliar fertiliser in the carbonate/citrate forms.

Water Rates: Ground Rig spray and injection min 100L total volume Aerial-Plane 30-35L total volume; = Foliar = Fertigation
 All NPK blends contain chelated trace elements when '+TE' shown.

Important Notes:

- (1) The product label should be consulted before use of any of the products referred to on this sheet, always refer to the label when applying SprayGro Liquid Fertilizer products.
- (2) To ensure correct nutrients are delivered to the plant, tissue testing should be carried out prior applying any nutrients to determine your crop situation. Crop damage is possible if trace elements are applied in excess more so than from deficiency.
- (3) This information sheet is a guide only as SprayGro Liquid Fertilizers neither makes, nor authorizes any agent or representative to make any other warranties, express or implied, other than those stated on the product label.
- (4) SprayGro Liquid Fertilizers shall not be liable for any results, loss, or damage whatsoever, whether consequential or otherwise through the use or application of products and/or materials referred to herein.
- (5) We recommend that when applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total crop spray. Combination sprays can induce crop phytotoxicity.
- (6) Apply at times of low light intensity, early morning or preferably during the evening. Avoid applications to wet leaves, stressed crops and on exceptionally hot, dry or sunny days. Overcast, calm and cool conditions are best.
- (7) E.&O.E.