FRONT ROW AG
OPTIMIZED NUTRITION

AMENDED SOIL
DRY TO RESERVOIR
GRAMS X GALLON

FEEDING CHART DETAILS
STRENGTH: ☐ HIGH ☐ MEDIUM ☑ LOW
GROWTH METHOD: ☑ CROP CHARGING*
MEDIA: ☐ COCO COIR ☐ INERT (ROCKWOOL, PEAT) ☑ SOIL
IRRIGATION METHOD: ☑ DRY TO RESERVOIR ☐ STOCK CONCENTRATE

		VEG CYCLE			FLOWER CYCLE								
PRODUCT	UNITS	1 WEEK	2 WEEK	3+ WEEK	1 WEEK	2 WEEK	3 WEEK	4 WEEK	FLUSH	5 WEEK	6 WEEK	7 WEEK	8+ WEEK
PART-A 14-0-8	GRAMS PER GALLON / EC CONTRIBUTED	2.5 / 0.79	2.3 / 0.73	2.1 / 0.66	2.1 / 0.66	2.3 / 0.70	2.4 / 0.75	2.6 / 0.80	ONE-DAY FLUSH	2.8 / 0.85	2.8 / 0.85	1.4 / 0.43	ONE-WEEK FLUSH
PART-B 2-13-17	GRAMS PER GALLON / EC CONTRIBUTED	1.7 / 0.47	1.6 / 0.43	1.4 / 0.39	1.6 / 0.36	1.7 / 0.39	1.8 / 0.41	1.9 / 0.44		2.0 / 0.47	2.0 / 0.47	1.0 / 0.23	
BLOOM 0-35-29	GRAMS PER GALLON / EC CONTRIBUTED	0 / 0	0 / 0	0 / 0	1.6 / 0.29	1.7 / 0.32	1.8 / 0.41	1.9 / 0.44		2.0 / 0.38	2.0 / 0.38	1.0 / 0.2	
	TARGET EC	1.25	1.15	1.05	1.3	1.4	1.5	1.6		1.7	1.7	<1	
FRONT-ROW Si Add to reservoir first Agitate for 15-30 min	ML PER GALLON	0.5	0.5	0.5	0.5	0.5	0.5	0.5		0.5	0.5	0	
CLEAN UP	GRAMS PER GALLON	5-25	5-25	5-25	5-25	5-25	5-25	5-25		5-25	5-25	5-25	
TRIOLOGIC (Formerly 'UNLEASH') 1 inoculation per week	ML PER GALLON	1	X	1	1	X	1	X		1	X	X	
BIOFLO 1 application per week	ML PER GALLON	See label instructions. One application per week.							30	X		X	30

DRY TO RESERVOIR MIXING INSTRUCTIONS

- Add Front Row Si first to reservoir, agitate for 15 min. Use less if running high EC
- For Part A, Part B and Bloom, multiply Grams x Gallons per feed chart
- Weigh out fertilizer for each part in separate containers
- Add water to each container and stir until mostly dissolved
- Add each part, mixing for 3 – 5 min between parts
- Validate EC per chart between parts and adjust if necessary
- Add Clean Up between 0.2-0.75 gram per gallon to raise pH to desired level (5.5 - 6.4).

GENERAL NOTES

All feed charts are based on zero ppm starting water (RO). Combine EC of source water to nutrient EC target for final target EC.

For Example: Source water EC, 0.3 EC, plus nutrient concentration of 2.1 EC equals final strength of 2.4 EC.

DO NOT USE FEED CHART AS IS!

All feed charts are general recommendations and should be adjusted to your specific scenario. This feed chart is based on medium feed strength and standard nursery 2 gallon pot size irrigating as needed. Adjust EC strength for the following factors:

Lower EC:
- Sensitive strains
- Frequent dryback (multiple waterings per day)
- Smaller pot size
- Low runoff of 30% of less
- Unbalanced VPD
- High temps/Low Humidity

Higher EC:
- Hungry strains
- Fewer drybacks (watering less
- than once per day)
- High runoff of 30% or more
- Balanced VPD
- Larger pot size

* Most consumer measuring devices such as scales, reservoirs, measuring cups are not highly accurate leading to mixing variances.

Always validate strength by checking EC of nutrient solution.

*The **Crop Charging** Grow Method decreases feed strength as the plant matures, while maintaining ideal media EC & promotes the internal storage of nutrients, carbohydrates & proteins in vital syncs within the plant tissue.