3-PART · FEED CHART

3-2-2 Stock Concentrate

Oct 13, 2026
tools.frontrowag.com

More Info

3-2-2 · 3 dosers | mL/gal | High strength EC | Commercial schedule

		VEG / MOMS	WEEK 1–2	WEEK 3–5	WEEK 6–8/9	FINAL 1–2 WKS
RECIPE		Veg	Stack	Swell	Swell	Ripen
TARGET EC		3.0	3.0	2.7	2.4	1.8
Part A	mL/gal	35	27	22	19	11
	EC	1.93	1.50	1.19	1.06	0.63
Part B	mL/gal	35	27	21	18	18
	EC	1.07	0.83	0.63	0.56	0.54
Bloom	mL/gal	–	27	36	32	26
	EC		0.67	0.88	0.78	0.63
DRIPPER PH		5.5–6.0	5.5–5.7	5.5–5.8	5.5–5.8	5.5–6.0

Values are mL of stock per gallon of feed water. Small figures are each part's EC contribution.

Lines running above 25 °C (77 °F) should run the low end of the range.

These feed charts are not a prescription, but an example of the general ranges and relationship of EC and recipes that can be used. Each facility and cultivation methodology will require customization of EC values. See "EC Considerations."

HIGHER EC VS LOWER EC

HIGHER EC	LOWER EC
Frequent irrigation	Infrequent irrigation
Consistent runoff	Less runoff
Substrate monitoring	No substrate monitoring
Higher PPFD	Lower PPFD
Heavy feeding strains	Lower feeding strains
Higher CO2	Lower CO2
Tight environmental control	Less environmental control

EC CONSIDERATIONS

Given the variance in facility infrastructure, cultivation methods, and cultivars, it's impossible to give a specific EC prescription that applies to all scenarios. Most facilities taper EC from Veg through Flower and into Ripen. Our feed charts follow that taper with effective feeding strategies.

NOTES

3-PART · MIXING INSTRUCTIONS

3-2-2 Stock Concentrate

Oct 13, 2026
tools.frontrowag.com

3-2-2 · 3 dosers | mL/gal | High strength EC | Commercial schedule

MIXING INSTRUCTIONS

1. Start with clean stock tanks marked at target volume.
2. Add RO water to 50% of target volume; begin agitating tank.
3. Add fertilizer over 5 minutes, while continuing to agitate tank.
4. Add RO water to target volume; mix for 10 more minutes.
5. Validate and adjust stock tank as necessary (see Validation).

STOCK CONCENTRATE NOTES

- Mix each part into its own stock tank; validate stock EC before use and adjust as necessary.
- All feed charts are based on using RO water. If your starting water has any EC, account for that in the total EC.
- If using PhosZyme, mix it into the Part B stock tank, never with Part A.
- Avoid mixing strong oxidizers, especially peroxides, into stock tanks.
- Set injectors to the listed rates, then confirm final solution EC/PPM at the emitter.

HOW TO MAKE STOCK CONCENTRATE



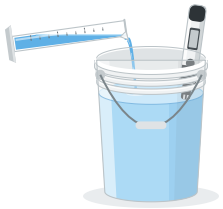
1 Fill to 50% with RO water; start agitating



2 Add product over 5 min



3 Top off; mix 10 more min



4 Validate: 250 mL in 5 gal RO

3-2-2 STOCK CONCENTRATE RATES

TANK	PART	gal	lb	lb/gal	mL / 5 gal	EC per g/gal	VALID. EC
1	A	50	75	1.5	250	0.306	**2.75**
2	B	50	50	1	250	0.255	**1.53**
3	Bloom	50	50	1	250	0.204	**1.22**

VALIDATION

1. Draw 250 mL of concentrate from the stock tank.
2. Mix the sample into 5 gal of RO water.
3. Measure EC and compare to the Valid. EC column.
4. If the reading is off, adjust the tank and re-validate before use.

ADDITIVE USAGE RATES

ADDITIVE	RATE	NOTES
Front Row Si	0.5–2 mL/gal	Foliar spray, once weekly, from Veg through week 3 of flower.
Front Row pH Up	0.2–0.25 g/gal max	Raise pH into the chart's dripper range. Add last, in 0.05 g/gal steps; wait 5–15 minutes before re-measuring. Stop at 0.15–0.2 g/gal on high-strength flower.
BioFlo	30 mL/gal heavy · 15 mL/gal maintenance	Line cleaner for biofilm. Heavy clean: soak 8–24 hours. Maintenance every 1–2 weeks.
Triologic	1 mL/gal weekly	Microbial inoculant that amplifies mycorrhizal colonization. Weekly hand drench; up to 2 mL/gal (for example at transplant).

NOTES