3-PART · FEED CHART

Direct to Reservoir

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tools.frontrowag.com

More Info

g/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 g/gal	6.3	4.9	3.9	3.5	2.1
Part A EC	1.93	1.50	1.19	1.06	0.63
Part B g/gal	4.2	3.3	2.5	2.2	2.1
Part B EC	1.07	0.83	0.63	0.56	0.54
Bloom g/gal	–	3.3	4.3	3.8	3.1
Bloom 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 grams of product per gallon of reservoir. 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.

EC CONTRIBUTION

Part A	0.306
Part B	0.255
Bloom	0.204

EC per g/gal

NOTES

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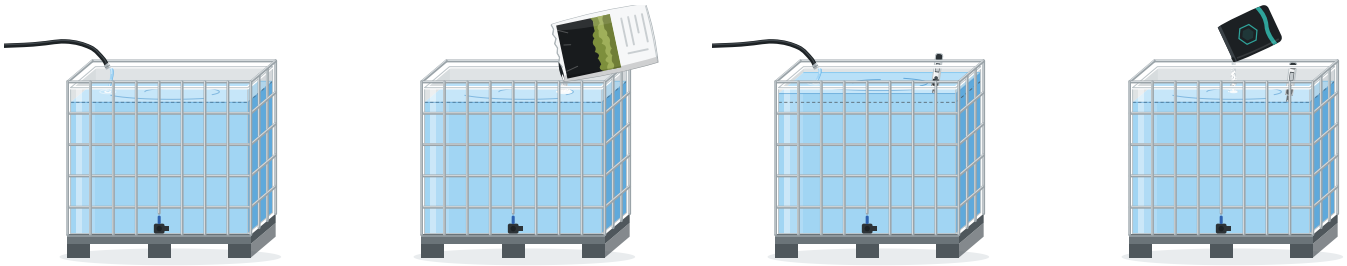
MIXING INSTRUCTIONS

1. Fill reservoir to 90% of intended final volume; begin agitation.
2. If using pH Down: add pH Down to target range before adding fertilizer.
3. Add Part A; agitate 3–5 minutes.
4. Add Part B; agitate 3–5 minutes.
5. Add Bloom; agitate 3–5 minutes.
6. Check EC/PPM, then slowly top off with water until your target EC/PPM is reached.
7. If using pH Up: add pH Up to target range after EC/PPM is on target.
8. Validate pH/EC and adjust as necessary.

DIRECT TO RESERVOIR NOTES

- Reservoirs should be used within 5–7 days.
- Avoid mixing strong oxidizers, especially peroxides, into reservoirs. If running a sterile reservoir, use calcium hypochlorite at about 1.2 g per 100 gal for 2 ppm.
- 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, add it with Part B.

MIXING STEP BY STEP



1. Fill to 90%; start agitating
2. Add each part; 3–5 min apart
3. Top off to target EC
4. pH Up last; check pH at the dripper

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