



DOSALINE FEED SCHEDULE

FOR FERTILIZER INJECTOR SYSTEMS
(USING STOCK TANKS AND INJECTORS)

ENGLISH
RATIO

	Units are in mL/Liter	SEEDLINGS & CUTTINGS	VEGETATIVE STAGE			FLOWERING & RIPENING STAGE		
			WEEK 1	WEEK 2	WEEK 3+	WEEK 1-3	WEEK 4-5	WEEK 6-8+
Mixing Order ↓	HYPO	1:4000	1:2000	1:2000	1:2000	1:2000	1:2000	1:2000
	BASE	1:900	1:300	1:230	1:195	1:150	1:130	1:115
	GROW	1:900	1:300	1:230	1:195			
	BLOOM					1:250	1:275	1:190
	SURGE PRO		1:230	1:230	1:230	1:115	1:115	1:115
Targets	PPM 500	250	750	850	1150	900	1000	1200
	PPM 700	350	1050	1190	1610	1260	1400	1680
	EC (mS/CM)	0.5	1.5	1.7	2.3	1.8	2	2.4
	pH	5.7-5.8	5.5-5.8 in hydroponic/water culture 5.8-6.3 in soil/coco/soilless mediums					

HYPO and SURGE PRO are optional additives. HYPO will help reduce mineral build-up in fertigation systems and grow mediums. SURGE PRO is an all-in-one additive that will help increase yields and quality of your crop.

GENERAL DIRECTIONS

If you are getting excessive tip burn or nutrient lock up, scale back measurements by 10-20%.
Never mix Dosaline Base in the same stock tank with Dosaline Grow or Dosaline Bloom; nutrient fallout will occur.
Recommended to test EC of stock solution after fully mixed.
See EC Validation of Stock Solution section for details.

STOCK SOLUTION PREPARATION

1. According to the Stock Solution Dilution Table, calculate and weigh the powder needed for the desired stock solution volume.
2. Fill the stock tank to ¾ of the final volume with reverse osmosis water.
3. Add the powder and mix until fully dissolved.
4. Top up to the final volume with reverse osmosis water.

Feed charts are recommendations only. Adjustments may be needed based on crop type, environment, water quality, and grow system.

Manufactured by:
Future Harvest PlantLife Products™
725 Evans Court, Kelowna,
BC, Canada V1X 6G4
Technical Support: 866-491-0255
orderdesk@futureharvest.com

STOCK SOLUTION DILUTION TABLE

PRODUCT	GRAMS PER LITER	BAGS PER 200L
BASE	181 g/L	8 x 4.54 kg bags
GROW	181 g/L	8 x 4.54 kg bags
BLOOM	181 g/L	8 x 4.54 kg bags
SURGE PRO	113 g/L	5 x 4.54 kg bags

EC VALIDATION OF STOCK SOLUTION

Add 10 mL of a fully mixed stock solution to 1 liter of water and measure the electroconductivity using a meter. The meter should read the following target ranges:
Base 1.5 EC ±0.1 EC (mS/cm) or 770 ppm ±50 ppm (PPM 500 Scale)
Grow 2.1 EC ±0.1 EC (mS/cm) or 1060 ppm ±50 ppm (PPM 500 Scale)
Bloom 1.5 EC ±0.1 EC (mS/cm) or 725 ppm ±50 ppm (PPM 500 Scale)
If adjustment is needed, add small increments of powder or water until the solution reads within the target range.



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