



DOSALINE FEED SCHEDULE

STRENGTH FEEDING BASED ON ELECTROCONDUCTIVITY
(USING STOCK TANKS AND INJECTORS)

ENGLISH
TARGET EC

VEGETATIVE STAGE

TARGET EC	DOSALINE BASE				DOSALINE GROW			
	mL per Liter	mL per US Gallon	Ratio	Percent	mL per Liter	mL per US Gallon	Ratio	Percent
0.5	1.2	4.5	1:800	0.12	1.2	4.5	1:800	0.12
1.0	2.6	9.8	1:375	0.26	2.6	9.8	1:375	0.26
1.5	3.8	14.4	1:330	0.38	3.8	14.4	1:330	0.38
2.0	5.2	19.7	1:240	0.52	5.2	19.7	1:240	0.52
2.5	6.8	25.8	1:140	0.68	6.8	25.8	1:140	0.68
3.0	8.3	31.4	1:115	0.83	8.3	31.4	1:115	0.83

FLOWERING STAGE

TARGET EC	DOSALINE BASE				DOSALINE BLOOM			
	mL per Liter	mL per US Gallon	Ratio	Percent	mL per Liter	mL per US Gallon	Ratio	Percent
0.5	2	7.6	1:500	0.2	1	3.8	1:1000	0.1
1.0	4.4	16.6	1:230	0.44	2.2	8.3	1:520	0.22
1.5	6.6	24.9	1:150	0.66	3.3	12.5	1:300	0.33
2.0	9.0	34.0	1:112	0.9	4.5	17.0	1:230	0.45
2.5	11.2	42.3	1:90	1.1	5.8	21.9	1:180	0.58
3.0	12.4	46.8	1:80	1.2	7.2	27.2	1:140	0.72

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

Manufactured by:
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Visit our website at
www.DOSALINE.com



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ENGLISH
TARGET EC

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

UNIT CONVERSION CHART

EC	PPM 500	PPM 700	EC μ S
0.5	250	350	500
1.0	500	700	1000
1.5	750	1050	1500
2.0	1000	1400	2000
2.5	1250	1750	2500
3.0	1500	2100	3000

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.

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 \pm 0.1 EC (mS/cm) or 770 ppm \pm 50 ppm (PPM 500 Scale)
- Grow 2.1 EC \pm 0.1 EC (mS/cm) or 1060 ppm \pm 50 ppm (PPM 500 Scale)
- Bloom 1.5 EC \pm 0.1 EC (mS/cm) or 725 ppm \pm 50 ppm (PPM 500 Scale)

If adjustment is needed, add small increments of powder or water until the solution reads within the target range.

STOCK SOLUTION PREPARATION

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

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.

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