

SEA GROW

4-26-26



FOLIAR • FERTIGATION • SOIL DRENCH • ROOT DIP

GENERAL INFORMATION

The SEA GROW formula is a blend of botanical Seaweed Extract, blood meal, other botanical plant extracts, specially configured forms of Potassium Phosphate, Potassium Sulfate, Potassium Nitrate, co-factors and micronutrients, that bring a unique synergism to your garden.

Regular feeding during the early bloom phase will help promote more building and flowering sites per plant, for maximum size and weight of fruits, vegetables and bloom.

DIRECTIONS

Dissolve in water before using. Feeds indoor or outdoor plants in containers, grow bags, coco coir; other natural and artificial soilless growing media or plants growing in native soil.

FEEDS THROUGH LEAVES OR SOIL:

Periodic Feeding - every 10 to 14 days during active growth.

Constant Feeding - at each watering during active growth.

PLANTS:

	DOSAGE	
	PERIODIC	CONSTANT
Flowers, Roses, Herbs	1 tbsp/gal.	1 tsp/gal
Vegetables, Tomatoes		
Fruit Trees, Citrus, Vines, Shrubs	1 tbsp/gal.	1 tsp/gal
Container Plants, Indoor & Outdoor Plants	1 tsp/gal.	1/2 tsp/gal

TRANSPLANT BULBS:

Apply 1 tbsp per gallon of water at planting time:

FOR LARGER AREAS:

PLANT/CROP	CONSTANT	INTERMITTENT
Bedding Plants	100-150 ppm	200-250 ppm
Cut Flowers	175-225 ppm	300-450 ppm
Plug Production	50-125 ppm	175-225 ppm
Tropical Foliage	150-200 ppm	250-300 ppm
Outdoor Container Plants	50-100 ppm	200-350 ppm
Vegetable Field Crops	50-100 ppm	300-400 ppm
Fruit & Nut Crops	-	300-450 ppm

Electrical Conductivity (E.C.)		Ozs./Fertilizer Per GAL Injector Ratio		
ppm Nitrogen	E.C. mmhos/cm	1:15	1:100	1:200
50	0.30	0.63	4.17	8.35
100	0.60	1.26	8.35	16.7
200	0.90	2.52	16.7	33.4

Maximum Solubility 2 LBS/GALLON

The type of plant, rate of growth, color and time of year will determine rate and frequency of application. Plants growing in shadow areas require less fertilizers than when growing in full sun.



GUARANTEED ANALYSIS 4-26-26

Total Nitrogen (N)	4.00%
2.0% Ammoniacal Nitrogen	
1.0% Nitrate Nitrogen	
1.0% Other Water Soluble Nitrogen	
Available Phosphate (P ₂ O ₅)	26.00%
Soluble Potash (K ₂ O)	26.00%
Magnesium (Mg)	0.50%
Sulfur (S)	4.00%
Boron (B)	0.02%
Copper (Cu)	0.05%
0.05% Chelated Copper	
Iron (Fe)	0.10%
0.10% Chelated Iron	
Manganese (Mn)	0.05%
0.05% Chelated Manganese	
Zinc (Zn)	0.05%
0.05% Chelated Zinc	

ALSO CONTAINS NONPLANT FOOD INGREDIENT:

0.05% Yucca Extract (derived from Yucca Shidigera)

SEA GROW is designed to dissolve in water and is hygroscopic. If product becomes damp or hard in storage, SEA GROW does not lose effectiveness.



DIRECTIONS FOR USE: DISSOLVE IN WATER BEFORE USE.

CROP	RATE/HA	MINIMUM Dilution	COMMENTS
VEGETABLES			
- Transplant	1 grm/plant	1:100	Dip transplants immediately prior to planting or soak around base of plant.
- Foliar	1 Kg.	1:400	Foliar apply at the leaf stage to stimulate growth, apply subsequent applications at 3 to 4-week intervals during the active growing season
CUCURBITS, TOMATOES			
- Planting	1 grm/plant	1:100	As a seeding dip or at transplanting, dissolve 250 grams in 250-300 L water, soak around plants at/or just after transplanting.
- Foliar	1 Kg.	1:400	Apply foliar 21 days after planting, then again every 14-21 days as needed.
STRAWBERRIES			
- Planting	1 grm/plant	1:100	Dip transplants prior to planting or soak around base of plant.
- Foliar	1 Kg.	1:400	Apply at 21 days after planting, then every 14 to 21 days as needed.
POTATOES			
- Seed Piece Dip		1:500	Dip transplants immediately for five minutes prior to planting.
- Foliar	1-2 Kg.	1:400	Apply at 28 days after full emergence then 14 days later. Apply prior to tubers set or flower initiation.
LEGUMES. CEREALS			
- Foliar	1 Kg.	1:400	Apply at the 3 or 5 leaf stage or early growth stage and repeat at 2 to 3-week intervals as needed.
CANE			
- Planting	1 Kg.	1:400	Add as solution spray around the base of plant as planted.
- Foliar	1 Kg.	1:400	Apply 2 - 3 weeks post emergence and repeat in 3 weeks.
COTTON			
- Planting	1 grm/plant	1:100	Water injection at planting
- Foliar	400 grams 1 Kg.	1:200 1:400	4 to 10 true leaf stage Apply at early to mid squaring, then again at early flowering.
FRUIT & NUT TREES			
- Transplanting	5 grm/plant	1:100	Soak soil around base of plant at transplanting or early spring.
- Foliar	1 Kg.	1:400	Apply at 3 to 4-week intervals during the active growing season as needed.
- Fertigation	6-7 Kg.		Fertigation at bud swell.
VINES & BERRIES			
- Root Dip	1 grm/plant	1:100	Dip transplants immediately before transplanting.
- Soil Drench	1 grm/plant	1:200	Soak soil with one liter around newly planted vines at bud swell.
- Foliar Established	1- 2 Kg.	1:400	Apply at full bloom, repeat 3 times at 14 days intervals.
- Fertigation	6-7 Kg.	1:500	Apply through drippes at bud swell.
ORNAMENTAL			
- Transplant	5 grm/plant 2-Ltr water	1:20	Soil apply-soak around base of plant at transplanting or in spring.
- Foliar	1 grm in 1-Ltr.	1:50	Foliar apply at 3 to 4-week intervals, during the active growing season.
CUT FLOWERS			
- Planting	5 grm/plant	1:20	Soil applied at planting, re-apply at emergence.
- Foliar	1 grm/1-Ltr	1:100	Foliar apply at 3 to 4-week intervals during growing season. Repeat after each cutting end prior to bud formation.
TURF			
- Planting	50 grm/100mg	1:50	Apply at planting
- Foliar	20-30 grm/100mg	1:50	Repeat monthly as needed.

MINIMUM DILUTION: A dilution of 1:100 means 1 part product : 100 parts water. IE 1 grm Sea Grow in 100 grms water, 1 Kg (2.2 Lbs) Sea Grow in 400 Kgs (105 gals) water.

HOT WEATHER: Use higher dilution rate.