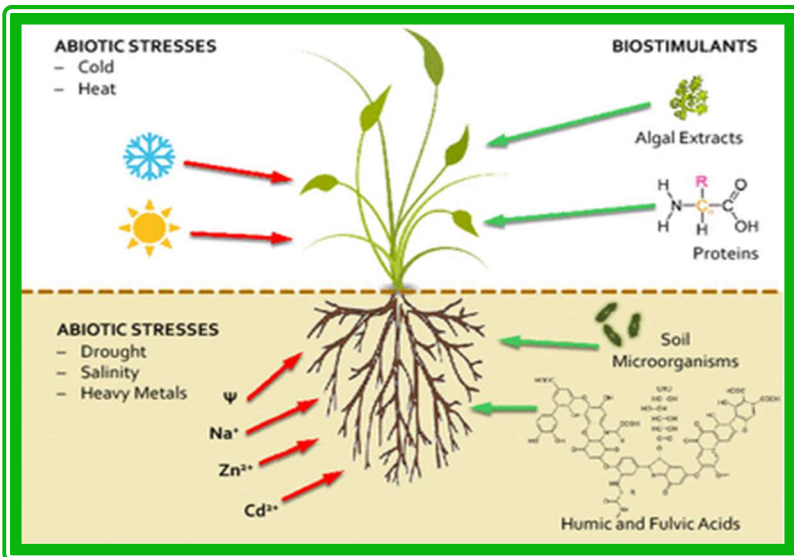




REGENiSYS™ is an organic biostimulant which is produced from the concentrated digest of our harvested algae combined with our high-quality organic biochar. High concentrations of amino acids, fatty acids, minerals, vitamins, and humates such as humic and fulvic acids are delivered directly to the roots and leaves. Humic and fulvic acids are key to enhance nutrient uptake and stress tolerance.

Benefits

- ✓ Improves soil fertility
- ✓ Improves water retention & infiltration
- ✓ Adjusts pH
- ✓ Adds nutrient/mineral values for plant growth
- ✓ Promotes roots, foliage, & fruit growth
- ✓ Increases crop yield



Available Formats:

- 1 qt
- 1 gal
- 2.5 gal
- 5 gal

Products available in commercial volumes, contact us at sales@bioenergy-solutions.com for more information

Amino Acids (weight %)

Alanine	1.04
Arginine	0.74
Aspartic acid	1.46
Cystine	0.44
Glutamic acid	1.56
Glycine	0.98
Histidine	0.30
Isoleucine	0.58
Leucine	0.90
Lysine (Total)	0.75
Methionine	0.51
Phenylalanine	0.78
Proline	0.85
Serine	0.86
Threonine	0.98
Tyrosine	0.59
Tryptophan	0.17
Valine	0.55





REGENiSYS™

Application Rates*

Seed Germination: Cover seeds with a 50% solution and soak overnight.

Seedlings & Transplants: Dilute 355 ml / 1 gal (4 L) water. Place seedling and/or transplant roots in the solution for 5 minutes before planting.

Application Type	Home Garden & House Plants	Agriculture Field Crops	Horticulture Fruits & Vegetables, Trees & Fruit Vines
Soil pre-treatment (1-2 weeks prior to seeding) & During seeding/planting	Dilute 1 cup (250 mL) of REGENiSYS per 1 gal (4 L) of water. Water house plants and garden as needed.	Spray fields with REGENiSYS at 10 gal/acre, 1 – 2 weeks prior to seeding. No dilution required.	Apply 36 L (9.5 gal) of REGENiSYS per acre at a dilution ratio of 1:16
Foliar Spray	Using a spray bottle or applicator, dilute ½ tsp (2.5 mL) of REGENiSYS in 1 L (4 cups) water. Spray foliage every 2 weeks.	Spray fields with 225 mL (8 oz) REGENiSYS at 10 gal of diluted solution per acre. Apply 2 – 5 times throughout the growing season	Apply 225 mL of REGENiSYS per acre at a dilution ratio of 1:400
Soil/root zone (During the growing season)	Dilute 1 cup (250 mL) of REGENiSYS per 1 gal (4 L) of water. Water house plants and garden as needed.	N/A	Apply 36 L (9.5 gal) of REGENiSYS per acre at a dilution ratio of 1:16. Apply 2 – 5 times throughout the growing season



**General guidelines. Application rates is dependent on crop type and geography. Adjustments may be necessary as soil and water quality vary both regionally and seasonally. Please contact us to discuss your specific application needs.*

