



# REGENiSYS



## Boost Growth Without Nitrogen Fertilizer

Crop growth

Sugar, oils and protein formation

Climate stress, pest and disease resistance



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# REGENiSYS



Manufactured in Montana, USA, REGENiSYS agricultural bio-products are low-carbon organic fertilizers and biostimulants.

REGENiSYS combines the growth-boosting properties of 18 amino acids with pyroligneous acid, essential auxins, fatty acids, humates, vitamins, minerals and biochar. This unique formulation improves plant resilience against climate stress, pests and disease while boosting the formation of sugars, oils and proteins.

REGENiSYS bio-products can be used separately or as a system to enhance nutrient retention, availability and uptake in all crops, including pasture, vines, and fruit and nut-bearing trees.

These products can be used in organic systems or as part of a Nitrogen fertilizer reduction and replacement plan.



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# REGENiSYS

## Key Benefits

**Growth Enhancement** - With 18 key amino acids, REGENiSYS boosts all growth stages fuelling plant cell development, bloom maturity, longevity, pollen production, set, cell division, enlargement, maturity/ripening

**Soil Enrichment:** Improved fungal network and microorganism biome development leading to increased water and nutrient retention, availability and uptake

**Stress Reduction:** Crops treated with REGENiSYS are more resilient to climatic effects, including; low soil moisture, frost damage

**Disease Resistance:** REGENiSYS supports plants' natural ability to resist pests and repel fungal infections and other diseases. Healthy microbial populations in the soil also reduce the ability of disease-causing organisms to establish





# REGENiSYS Soil

Results of trials carried out by BioEnergy Solutions and independent growers

Seedlings develop stronger and healthier root systems

Transplants increased capability to resist to stress factors;  
success rates of up to 98 percent

Improved response to low moisture. REGENiSYS Soil treated  
beds delayed wilting in late afternoons.

Indications of strengthened microbial populations





# REGENiSYS Foliar

Results of trials carried out by BioEnergy Solutions and independent growers

Evidence of strong, healthy and more productive growth

Lower incidence of fungal and other leaf surface issues

REGENiSYS is safe for pollinators, and works as a natural attractant





# REGENiCHAR

Results of trials carried out by BioEnergy Solutions and independent growers

RENEGENiCHAR is a premium-grade organic biochar infused with RENEGENiSYS

RENEGENiSYS unique formula of 18 amino acids, auxins, fatty acids, humates, vitamins, minerals is delivered to the root zone of crops

Supports soil biome: Increases soil microorganism habitat and diversity

Retains nutrients and moisture

Helps restore soil carbon levels

Available in 2 grades: regular and espresso, allowing different methods of application







# Case studies: Pollination and Bloom periods

Results of trials carried out by BioEnergy Solutions and independent growers

Female pumpkin flowers are viable for pollination over a 6-hour period

A trial REGENiSYS Foliar application at the start of pollination increased the viable pollination period to as much as 4 days

In a separate trial by a commercial flower grower, root drenching and foliar spraying with REGENiSYS saw earlier budding and flowering

Annual cut flower varieties were reported to produce large blooms for up to 1.5 months longer than usual, in a greenhouse setting





# Pricing

Product	Quantity	Price (USD)
REGENiSYS Soil	50 Gallons	\$1550
	100 Gallons	\$2900
	250 Gallons	\$4100
REGENiSYS Foliar	50 Gallons	\$1550
	100 Gallons	\$2900
	250 Gallons	\$4100
REGENiCHAR		
- Regular Grade	1 Ton	\$850
- Espresso Grade	1 Ton	\$1200





# Application Rates\*

## **REGENiSYS**

Soil: 10 gallons per 160 gallons of water, per acre      2-3 applications per year

## **REGENiSYS**

Foliar: 5.5 gallons per 110 gallons of water, per acre      3-7 applications per year

## **REGENiCHAR**

Field application: Apply 1 to 2 tons per acre, per year, in top 3 to 6 inches of soil – to a maximum of 10 tons, depending on soil condition

Composting: Add 5 percent to 10 percent by volume

\*General guidelines. Application rates depend on crop type and geography. Adjustments may be necessary as soil and water quality vary regionally and seasonally. Please contact us at [hithere@bioenergy-solutions.eco](mailto:hithere@bioenergy-solutions.eco) to discuss your specific needs.



**Order today!**

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