Nutrient.TECH
THE EVOLUTION OF AGRICULTURE

SURETY® MA Microalgae

A solution by ALGAENERGY

Surety® MA: Your Assurance for Thriving Crops with Microalgae Technology Leadership!

WITH UPT® TECHNOLOGY

Compatible:
- Compatible with all other agricultural products.
- With existing or new application plan
- Seamlessly integrates into your routine

Flexible:
- Add **Surety® MA** to your application plan at your convenience
- Flexibility to optimize your crop management strategy according to your needs and timeline.

Consistent:
- Backed by a production process that prioritizes quality and consistency
- Every application delivers reliable results
- Consistent performance for sustained crop excellence.

Composition

Pure microalgae-extract, rich in peptides, organic matter, and natural plant-based bioactive compounds.

Liquid | **Foliar / Soil** | **Microalgae**

Activates plant's genes that are critical to assimilate and uptake nutrients

Enhances NUE and optimizes plant nutrition balance

Stimulates root development and vegetative plant growth

Certified B Corporation
This company meets high standards of social and environmental impact.

ALGAENERGY
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For more information contact your Crop Advisor or visit www.Nutrient.TECH

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Shake well before use

Vegetable Crops			Rate				
			oz low	oz high	recommended timing		reapplication interval
Root and tuber vegetables	examples: carrot,sweet potato, radish (except potato)	soil	32	64	at planting or transplanting		
		foliar	16	48	7 - 14 days after crop emergence		14 - 28
Potatoes	russet, red, yellow, white	soil	32	64	at planting or transplanting		
		foliar	16	48	7 - 14 days after crop emergence		28
** For small-tuber potatoes (fingerling, petite, etc.) avoid applications during tuber initiation (BBCH 39-41) as this may result in larger sized tubers**							
Bulb vegetables	examples: onions, garlic, green onions	soil	32	64	at planting or transplanting		
		foliar	16	48	7 - 14 days after crop emergence		28
Leafy vegetables	examples: head lettuce, leaf lettuce, cabbage, mustard greens, spinach	foliar	16	64	2-5th true leaf stage (BBCH 12-15)		14 - 28
Brassicas	examples: broccoli, cauliflower, cabbage	soil	32	64	at planting or transplanting		
		foliar	16	64	7 - 14 days after crop emergence		14 - 28
Vegetable legumes	examples: beans like Phaseolus & Vigna, pea; edible podded, succulent shelled, and dried	soil	32	64	at planting or with first fertilizer application		
		foliar	16	64	2-5th true leaf stage (BBCH 12-15)		
Fruiting vegetables	examples: tomato, pepper, eggplant	soil	32	64	at planting or transplanting		
		foliar	16	64	14 days after planting; late budding to early flowering (BBCH 59-63); fruit sizing (BBCH 70)		
Cucurbit vegetables	examples: cucumber, squash, canteloupe, melon, zucchini	soil	32	64	at planting or transplanting		
		foliar	16	64	2-10th true leaf (BBCH 2-10); first flower (BBCH 50); fruit sizing (BBCH 70)		
Tree, Nut, Fruit & Berry Crops							
Citrus	examples: orange, tangerine, mandarin, lemon, lime, grapefruit	soil	32	64	At orchard planting or with first fertilizer application		
		foliar	16	64	shoot development (BBCH 30-35); full budding (BBCH 55); fruit set (BBCH 70)		
Pome fruit	examples: apple, pear	soil	32	64	At orchard planting or with first fertilizer application		
		foliar	16	64	shoot development (BBCH 30-35); full budding (BBCH 55); fruit set (BBCH 70)		
Stone fruit and almonds	examples: cherry, peach, plum, prune, nectarine, almond	soil	32	64	At orchard planting or with first fertilizer application		
		foliar	16	64	shoot development (BBCH 30-35); full budding (BBCH 55); fruit set (BBCH 70)		
Tree nuts	examples: pecan, walnut	soil	32	64	At orchard planting or with first fertilizer application		
		foliar	32	128	fruit set (BBCH 70)		
Strawberry		soil	32	64	At planting or with first fertilizer application		14 - 28
		foliar	16	64	5-10th leaves (BBCH 15-20); bud formation (BBCH 50-55); fruit sizing (BBCH 70)	OR	14 - 28
Berry & small fruit	examples: blackberry, raspberry, blueberry, grape, kiwifruit	soil	32	64	At planting or with first fertilizer application		
		foliar	16	64	shoot development (BBCH 30-35); full budding (BBCH 55); fruit set (BBCH 70)		14 - 28
Row Crops							
Cotton		soil in-furrow	8	16	in-furrow or over seed drill at planting		
		foliar	16	32	with a pre-flower pesticide application		
Rice		foliar	16	32	with application before pannicle formation (BBCH 30); with application between pannicle emergence to grain sizing (BBCH 50-70)		
Corn		soil in-furrow	8	16	in-furrow or over seed drill at planting		
		soil	16	32	at side-dressing or layby application		
		foliar	16	32	with a pre-flower pesticide application		
Soybean		soil in-furrow	8	16	in-furrow or over seed drill at planting		
		foliar	16	32	with a pre-flower pesticide application		
Oil crops	examples: canola, sunflower	soil	8	16	in-furrow or over seed drill at planting		
		foliar	16	32	preflowering to flower formation (BBCH 30-50)		
Cereal grains	examples: wheat, oats, barley	soil	8	16	in-furrow or over seed drill at planting		
		foliar	16	32	preflowering to flower formation (BBCH 30-50)		
		foliar	16	64	BBCH 2-10, 2-10th true leaf; BBCH 50, first flower; BBCH 70, fruit sizing		
Other Crops							
Herbs & spices	examples: basil, chives, oregano, mint, lavender	soil	32	64	at planting or transplanting		
		foliar	32	64	14 days after establisment		14 - 28
Hydroponic crops			0.25 - 0.5% solution		(example: 1 - 2 qt/100 gal water)		
Cannabis		soil	0.25 - 0.5% solution		(example: 1 - 2 qt/100 gal water)		14 - 28
		foliar	0.25 - 0.5% solution		(example: 1 - 2 qt/100 gal water)		14 - 28
Turfgrass	examples: sod, lawns, greens, fairways, tee boxes	1000ft2	1	2			14 - 28
			32	64	ideal timing is during active turf growth or prior to stress events or dormancy		14 - 28
Plant Stress Mitigation							
Plant stressors	examples: drought, heat, transplanting, deleterious environmental conditions	soil	32	64	2 - 5 days prior to anticipated stress event		
		foliar	32	64	2 - 5 days prior to anticipated stress event		

Surety® MA applied with standard fertlizer programs are ideal timings.
Surety® MA is highly compatible with other agricultural products (pesticides, fertlizers, etc.) and Surety® MA applications can be timed with with other planned product applications. Multiple applications at the lower recommended rates may provide the greatest crop benefit over single applications at the higher recommended rates.