

Stimul8®

To be used as a foliar during the season on dryland or irrigated cotton.

Stimul8 fuels new vegetative growth. It is a complete nutrient mix formulated to stimulate rapid leaf development. Immediately available nutrients bypass slow root growth to drive new leaf production.

Features and Benefits

- ✓ Stimul8 is a unique formulation combining soluble Calcium, Phosphorus, Potassium and Nitrogen in the one plant available mix.
- ✓ The Stimul8 formulation is specifically designed to promote leaf and canopy growth.
- ✓ The Carbon buffered Stimul8 formulation reduces the potential for leaf burn.
- ✓ The inclusion of Calcium, enzymes and amino acids provide greater efficiency in nutrient uptake and translocation through the plant.
- ✓ The addition of natural growth hormones, kelp and organic acids encourage substantial root growth.
- ✓ An active canopy enhances photosynthesis, increases root exudates production and soil microbial mineralisation to improved nutrient and moisture availability for the plant.
- ✓ Stimul8 includes a wetting agent.

Application and Rates

Crop	Application	Timing	Rate L/ green ha
Cotton	Foliar	Early squaring	4
		Mid squaring, flowering and early boll set	8

- Apply with a minimum of 5:1 water to product ratio.

Typical Dry Weight Analysis (w/v)

Nitrogen (N)	10.47%
Phosphorus (P)	7.66%
Potassium (K)	4.48%
Calcium (Ca)	3.05%

Properties

pH	2.5 – 3.5
Solubility	Fully Miscible
Filtration Required	120µ
Specific Gravity	1.25 – 1.30

Physical Compatibility

Physically Compatible	CalPac® Water rates critical
Not Physically Compatible	ZincPac®

- Mixing order critical always add acid to base with water.
- **Do not mix concentrates of CalPac and Stimul8.**
- CalPac and Stimul8 are only compatible if very high water rates are used.
- If using Stimul8 with CalPac, always add ½ the water followed by the CalPac and then the Stimul8. Apply Immediately.

Use only what you need *when you need.*

For more information contact your BioNutrient Solutions reseller.

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