CROP SET®

Fermentation-based technology for improving harvest quality and yields in fruits and vegetables.

Based on plant ***nutrigenomic*** *research*

Healthier plants have higher sugar content (°Brix) and better uniformity in size and color, and consequently, higher commercial value.

Through unique innovations in fertilizers, biostimulants and plant activators, Alltech Crop Science solutions for crop performance provide growth catalysts for every stage of crop production.

Providing a balanced supply of micronutrients and other bioactive compounds leads to more robust and uniform plant development while optimizing a crop's productive potential.

CROP-SET provides crops with essential nutrition for optimal root growth and reproductive formation, contributing to larger fruit size, improved uniformity and enhanced quality characteristics such as color and °Brix.

- Stimulates plant processes by providing essential nutrients.
- Improves market quality parameters, including color, uniformity and °Brix.
- Increases reproductive formation and retention for greater crop yields.
- OMRI Listed for use in organic crop production.

GUARANTEED ANALYSIS

Sulfur (S)	1.2%
Copper (Cu)	0.2%
Iron (Fe)	0.6%
Manganese (Mn)	1.5%

Derived from copper sulfate, ferrous sulfate and manganese sulfate

Also contains:

Bacterial fermentation media (microbial food)
Plant extract (natural surfactant)

Beneficial microbes and the metabolites they naturally produce can offer new, naturally derived alternatives to conventional chemicals. These products allow for consistent, sustainable crop production that doesn't compromise quality or profitability.

Alltech is a pioneer in nutrigenomics, the study of how plants naturally respond to nutrients and other bioactive compounds at a genetic level. This enables us to formulate fertilizers and biostimulants that activate natural plant mechanisms, optimizing plant health and performance for better quality and greater yields.

What sets Alltech Crop Science apart:

MICROBIAL FERMENTATION

Beneficial microbes and the metabolites they naturally produce can offer new, naturally derived alternatives to conventional chemicals used in agriculture.

BIOSTIMULANTS AND NUTRIGENOMICS

Promoting the expression of certain plant processes facilitates better stress resistance and allows for greater yields with improved quality and uniformity.

MAKING SUSTAINABILITY MORE PROFITABLE

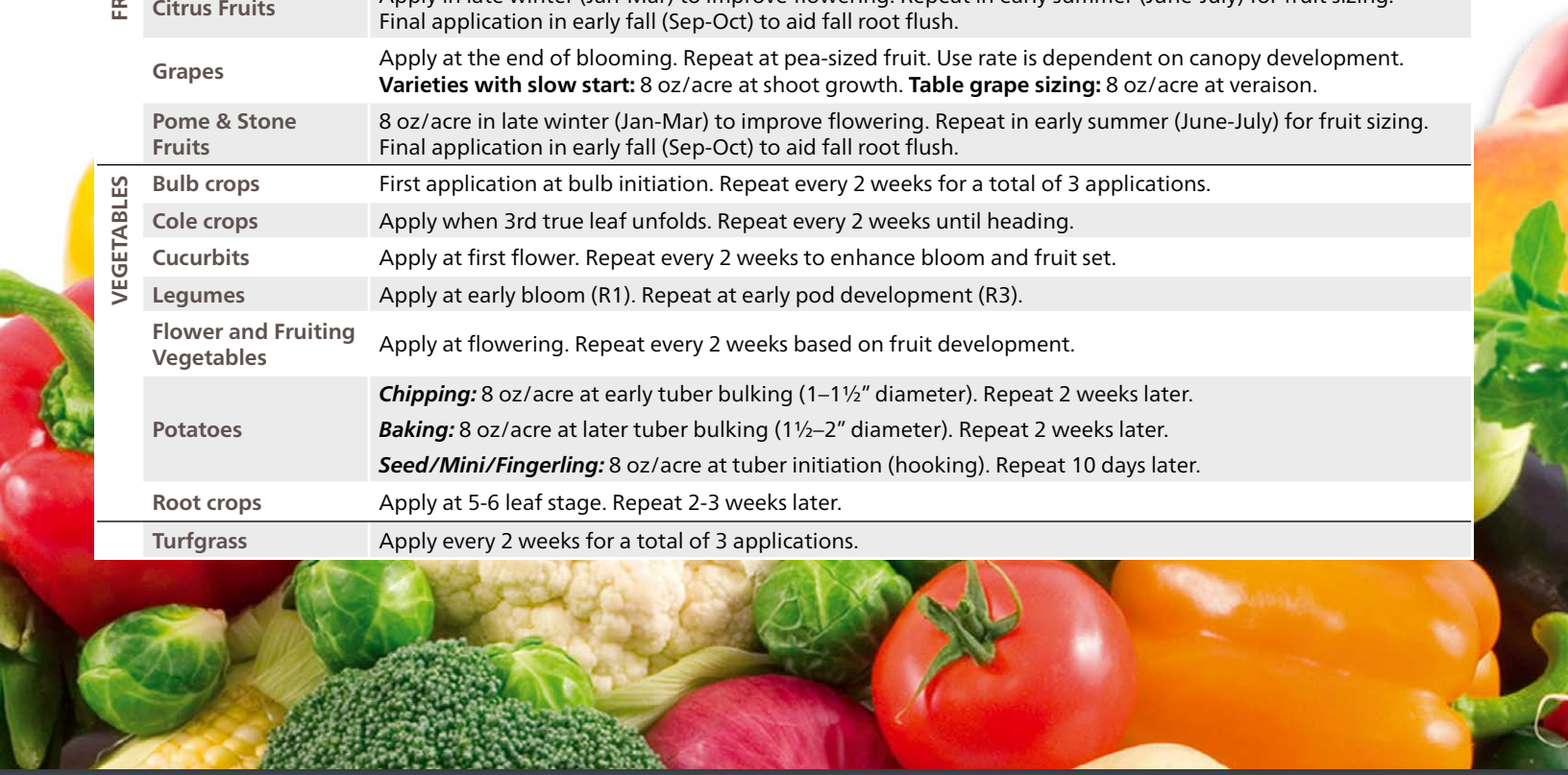
Improving crop quality and yields with biological products means that sustainability doesn't have to come at the expense of profitability.

CROP-SET *recommendations for use*

Apply CROP-SET at 6-10 oz/acre, unless otherwise recommended.

Always read and follow label directions.
Confirm state registration prior to use.

	Crop	Application timing
FRUITS	Avocados	First application at bud development. Repeat at fruit set and again at 50% maturity.
	Citrus Fruits	Apply in late winter (Jan-Mar) to improve flowering. Repeat in early summer (June-July) for fruit sizing. Final application in early fall (Sep-Oct) to aid fall root flush.
	Grapes	Apply at the end of blooming. Repeat at pea-sized fruit. Use rate is dependent on canopy development. **Varieties with slow start:** 8 oz/acre at shoot growth. **Table grape sizing:** 8 oz/acre at veraison.
	Pome & Stone Fruits	8 oz/acre in late winter (Jan-Mar) to improve flowering. Repeat in early summer (June-July) for fruit sizing. Final application in early fall (Sep-Oct) to aid fall root flush.
VEGETABLES	Bulb crops	First application at bulb initiation. Repeat every 2 weeks for a total of 3 applications.
	Cole crops	Apply when 3rd true leaf unfolds. Repeat every 2 weeks until heading.
	Cucurbits	Apply at first flower. Repeat every 2 weeks to enhance bloom and fruit set.
	Legumes	Apply at early bloom (R1). Repeat at early pod development (R3).
	Flower and Fruiting Vegetables	Apply at flowering. Repeat every 2 weeks based on fruit development.
	Potatoes	***Chipping:*** 8 oz/acre at early tuber bulking (1–1½" diameter). Repeat 2 weeks later. ***Baking:*** 8 oz/acre at later tuber bulking (1½–2" diameter). Repeat 2 weeks later. ***Seed/Mini/Fingerling:*** 8 oz/acre at tuber initiation (hooking). Repeat 10 days later.
	Root crops	Apply at 5-6 leaf stage. Repeat 2-3 weeks later.
	Turfgrass	Apply every 2 weeks for a total of 3 applications.



Contact your local Alltech Crop Science specialist for more information.

CROP-SET is OMRI Listed in the USA for use in organic crop production by Improcrop USA. Must not be used as a defoliant, herbicide, or desiccant. Micronutrient deficiency must be documented by soil or tissue testing or other documented and verifiable method as approved by a certifying agent.

Alltech® CROP SCIENCE

ALLTECHCROPSCIENCE.COM