

POTATOES

CROP ADVANTAGE GUIDE



Soil-Set[®], Crop-Set[®], Agro-Mos[®] and Galvanize Contact[®] work together to give potatoes a crop advantage and for improved yields, uniformity, and quality.

SOIL HEALTH

Use **Soil-Set** to:

- Enrich soil characteristics with an improved symbiotic relationship in microbial populations between the soil and plant.
- Enhance tuber growth and maximize nutrients available to the plant.

CROP DEFENSE

Use **Agro-Mos** to:

- Prime a crop's internal and external defense mechanisms.
- Strengthen a potato crop's ability to fight off disease.
- Manage external pests throughout the growing season.

Use **Galvanize Contact** to:

- Quickly support plants during stress, minimizing any potential growth limitations.
- Give plants nourishment vital to an effective defense system.

CROP DEVELOPMENT

Use **Crop-Set** to:

- Boost potato appearance, durability, quality and yield.
- Naturally stimulate chlorophyll production, bolstering a plant's metabolic processes and overall performance.

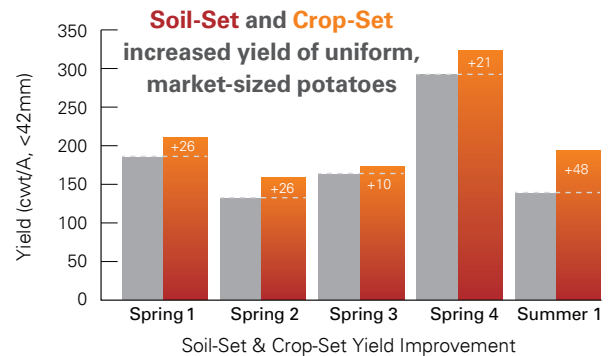
Soil-Set increased tuber quality without delayed nodulation

Delayed nodulation is a known side effect of some grower fungicide programs. Using Soil-Set with a standard fungicide program resulted in larger nodules without that delayed nodulation.



Single plants dug from each treatment. Trial conducted in North America with third party.

Soil-Set and **Crop-Set**-treated tubers improved marketable yield by between 10 and 48 cwt/A.



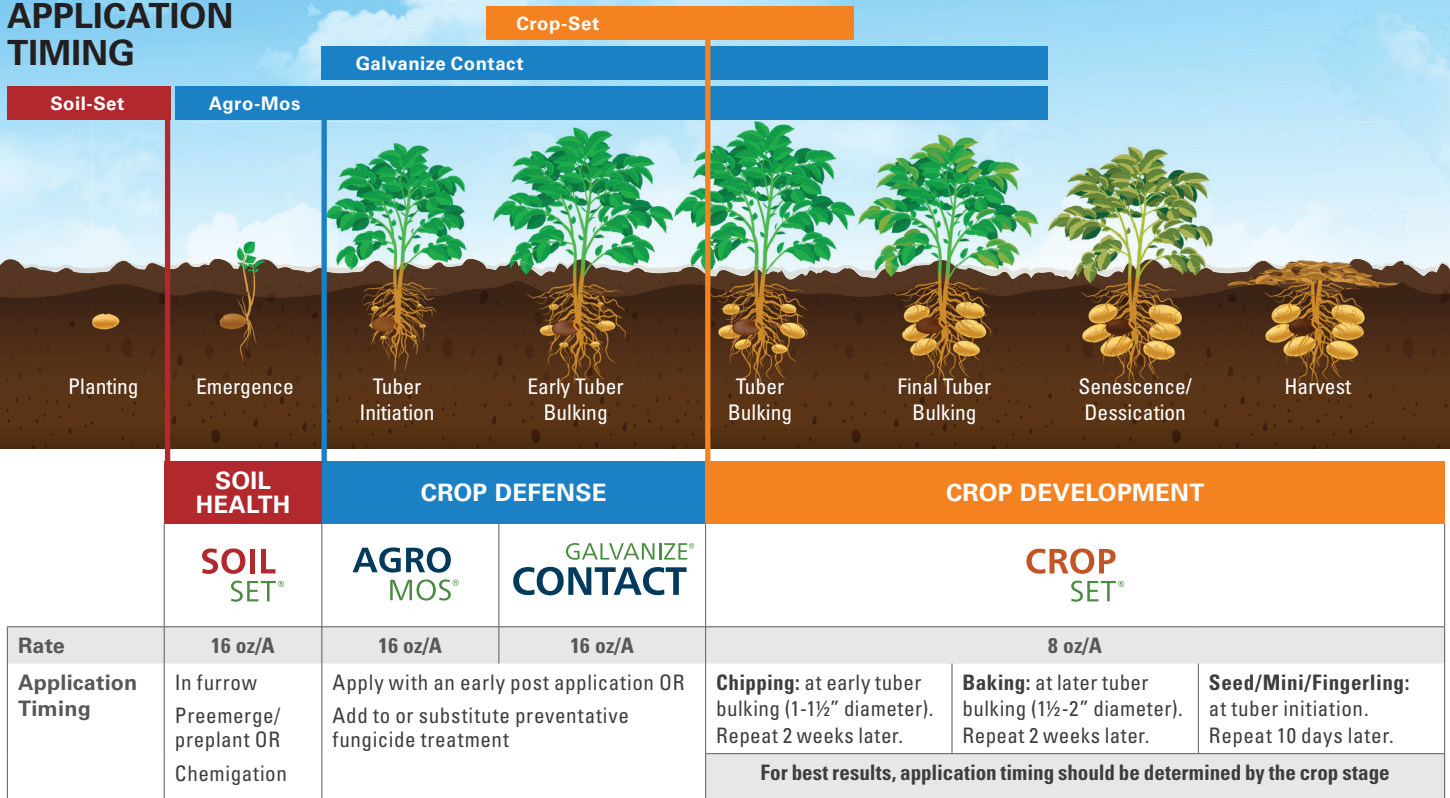
Third party trial in North America using label rates. Meet with your agronomist and sales representative to ensure correct rate usage for your cropping system.

Crop-Set improved yield, uniformity and consistency

In a commercial trial in New Brunswick, Crop-Set-treated potatoes had 7-10% more marketable yield by improving uniformity compared to untreated potatoes. Fewer Crop-Set-treated tubers were <50 mm and no tubers were >70 mm.



APPLICATION TIMING



SCIENCE-BASED SUPERIORITY

In contrast to live microbial products, which require fostering a viable culture in precise environmental conditions, our products use the beneficial metabolites produced by microbes – not the microbes themselves. The result is a consistent, effective product every time.

About fermentation and metabolite technology

HELM's Crop Advantage products are manufactured by Alltech Crop Science using a precise, controlled fermentation process that yields fermentation metabolites. These metabolites have a beneficial effect on soil and crops and act like the "active ingredient" of the product. They won't feed harmful microbes or pathogens, and, in many cases, will outcompete pathogens to reduce plant stress.

Metabolites are used based on their benefit and become the basis for products.

Where our fermentation- and metabolite-based products win:

- Stable and stand up to most on-farm storage conditions.
- Can be stored for multiple growing seasons without compromising quality.
- Compatible with most tank mix chemicals.
- Produced in a laboratory setting for high precision, uniformity and consistency with every batch.

Geek out on **more** fermentation science:



Give this year's potato crop the ultimate advantage.

Reach out to your regional HELM sales rep today.



HELM Agro US, Inc.

401 E. Jackson St.
Suite 1400
Tampa, FL 33602

P: 813.621.8846

F: 813.621.0763

connect@helmagro.com

Always read and follow label directions. Agro Mos®, Crop-Set®, Galvanize®, and Soil-Set® are registered trademarks of Alltech Crop Sciences. HELM® is a registered trademark of HELM AG. ©2022 HELM Agro US, Inc.