



BM START[®]

A natural growth stimulant to optimise fruit set, maximising yield & harvest quality in horticultural & orchard crops

UPL's unique process of cell-burst extraction and filtration of GoActiv[®], delivers a ground-foliar and fertigation product for horticultural and orchard crops.



BM START[®] stimulates natural growth:

- Activates plant physiological processes
- Initiates & secures fruit setting, ensuring a more homogenous distribution of fruit within the crop
- Highly concentrated with enhanced efficiency from micronutrient nutrition, leads to low foliar application rates
- Faster growth rates & an evenly distributed maturation of fruits can lead to greater precocity, better sugar accumulation & improved harvest premiums

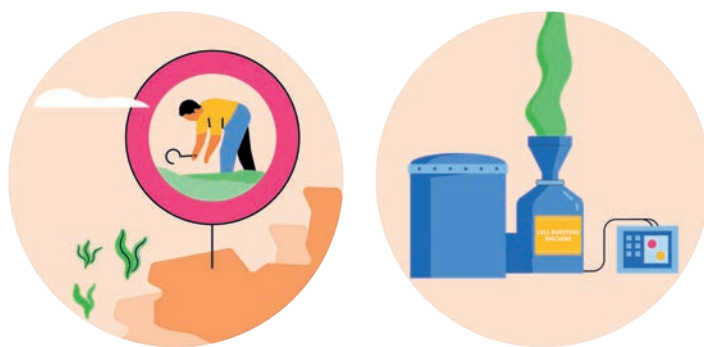
THE GOACTIV EVOLUTION STORY...

GoActiv is a naturally sourced and hand harvested seaweed filtrate sourced from the North East Atlantic regions of France and Ireland.

The material is then transported to UPL's factory at St Malo for processing to begin within 24 hours.

As a result of several decades of research and development, the GoActiv filtrate is obtained through a unique cold pressed, cell burst technology.

This process preserves and concentrates the extract to ensure high quality and integrity of this concentrated extract to be applied at low dose rates.



CROP RECOMMENDATIONS

Crop	Rate	Application stage and details
Potato	2 L/ha OR 300ml/100L water	3 applications 1st at Tuber Initiation (5–6 weeks) 2nd at Bulking (BBCH 40–45) 3rd within 14 days following the 2nd
Grapevines	2 L/ha OR 300ml/100L water	3 applications 1st at End Shooting/Flower initiation, 2nd at Flowering (EL15–19) & 3rd at Cap loosening (EL 21–23)
Stone & Pome Fruit	2 L/ha (water rate min 400L/ha)	3 applications 1st at Early Flower, 2nd in 14 days at End Bloom/Petal fall, & 3rd in 14 days following the 2nd
Macadamias & other nut crops	3 L/ha OR 200–300ml/100L water	3 applications 1st at Green Flower (Stage 1 flower), 2nd at Beginning of Bloom, & 3rd at Nutlet Formation
Subtropical orchards	3 L/ha (water rate min 600L/ha)	3 applications 1st at Early Flower, 2nd in 14 days at End Bloom/Petal fall, & 3rd in 14 days following the 2nd (Early setting)
Horticultural Fruit & Vegetables	2 L/ha OR 300ml/100L water	3 applications 1st at 14–21 days postplant, 2nd at First flower, & 3rd in 14 days following the 2nd

COMPOSITION

GoActiv filtrate		Sulphur	2.84%
Nitrogen	1.7%	Boron	2.07%
Magnesium	2.1%	Molybdenum	0.02%

OPTIMISE TUBER YIELD IN POTATOES

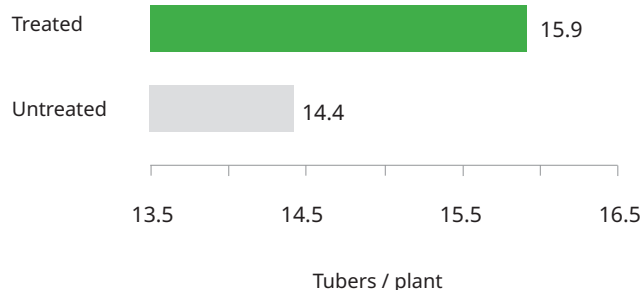
BM START activates tuberisation:

10% increase in tubers per plant & 9% yield increase*

* from an average of 17 trials

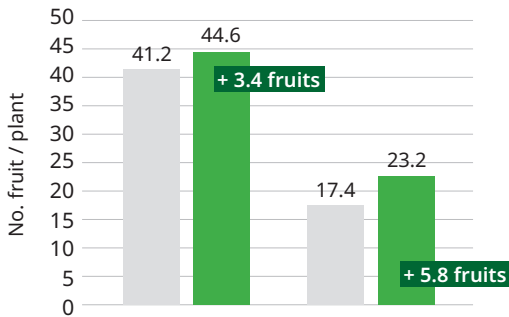


Yield in Treated vs Untreated



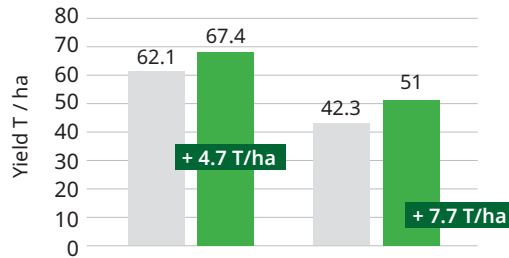
OPTIMISE YOUR SET TO IMPROVE YOUR HARVEST

No. of fruit per tomato plant in determined (left) & undetermined (right) varieties



Average of 17 trials on 13 cultivars performed (Poland)

Yield in determined (left) & undetermined (right) varieties

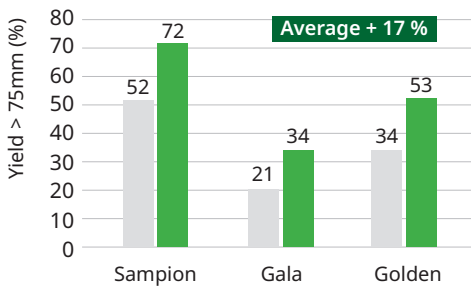


CONTROL BM START

By activating the physiology of reproduction to increase the number of fruit per plant, BM START increases the marketable yield of the tomato crop

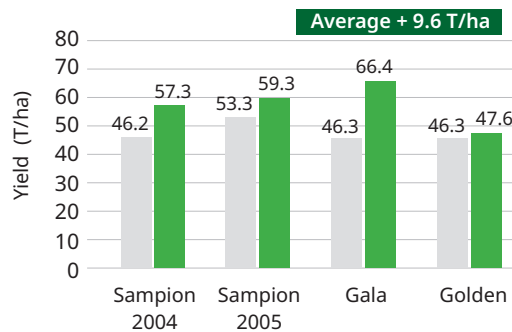


Percentage of Yield over 75mm



Average of 18 trials on 3 cultivars performed (Poland)

Marketable Yield

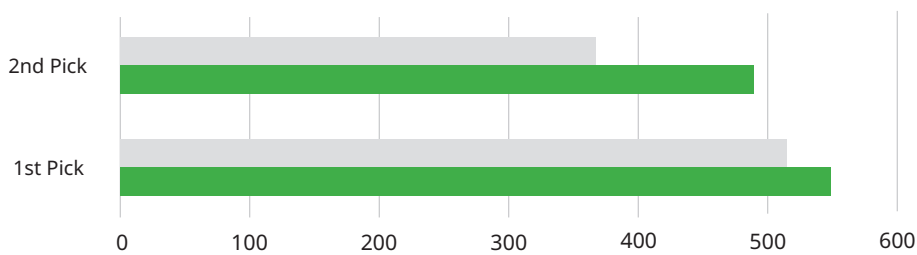


CONTROL BM START

By activating the physiology of apple trees at flowering time, BM START improves the fruitset, increasing fruit size at harvest & harvest quality



OPTIMISE FRUIT QUALITY



BM START increased class 1 strawberries by 18% over untreated across 2 picks

UNTREATED BM START

By increasing the number of class 1 fruits per crop, BM START increases the marketable yield



Trial: Kent 2017 (untreated had 5% more tree's than treated area)
3 applications of BM START. (1st pick 9 June, 2nd pick 16 June)

UPL's Vision:

Our UPL is focused on emerging as a premier global provider of total crop solutions designed to secure the world's long-term food supply. In pursuit of our long-term vision to be a world leader in the global food network, we have launched our purpose 'OpenAg'.

This stands for open-minded, win-win partnerships; broadening the space to create value across a wider food production network. We aim to transform agriculture by creating an open network that feeds sustainable growth for all.

No limits, no borders.

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