



CitoGrower®

BIOSTIMULANT FOR FRUIT GROWTH AND UNIFORMITY

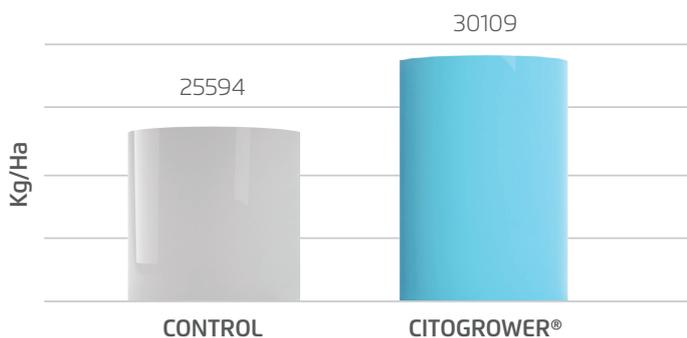
Benefits of use

CITOGROWER® is a biostimulant with cytokinetic activity, essential nutrients and amino acids. It has been developed to increase fruit growth and development and, therefore, the final crop yield. **CITOGROWER®** also increases the photosynthetic rate and delays foliar senescence leading to a better photoassimilation and to an increment of sink effect and nutrient translocation to fruits.

CITOGROWER® thanks to its cytokinetic molecules content can be applied to control apical dominance, and therefore, increase flowering, decrease premature fruit fall and homogenise the harvest. Its application contributes to the development of flowers since it promotes flower induction and differentiation, transforming vegetative shoots into reproductive organs. In the case of ornamental species, the use of **CITOGROWER®** promotes lateral branching increasing crop yield and quality.

Efficacy trials

Table grape var. Thompson seedless (Chile)

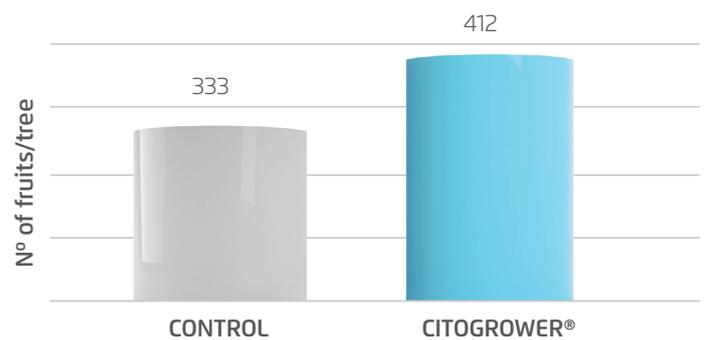


Composition

	(%w/w)
L-Free aminoacids	2,5
Phosphorus (P ₂ O ₅)	6,0
Potassium (K ₂ O)	5,0
Cytoquinins	1,0

Also available with cytoquinins at 2 and 4%

Orange tree var. Valencia (Brasil)

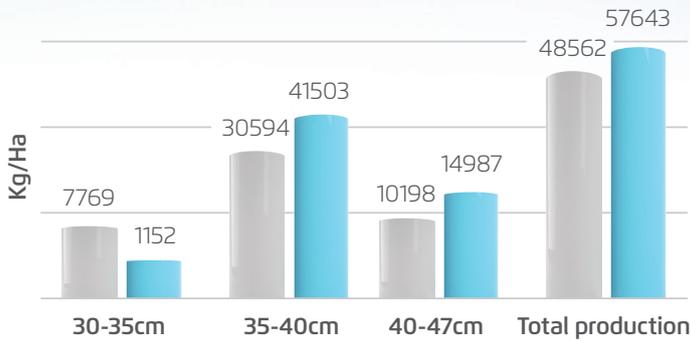


Crop yield





Tomato var. Río Grande (Bulgaria)



Premature fruit fall in peach var. Klampť (Chile)



System and time of application

CITOGROWER® is applied by foliar spray and the moment and frequency of applications will depend on the particular conditions of each crop.

Stability and storage

CITOGROWER® is stable at least 3 years from the manufacture date.

Keep in a fresh and ventilated place with temperatures below 50°C. Do not store for prolonged periods under direct sunlight. Keep away from children.

Do not eat, drink or smoke while handling this product.

Dosage

CROP	cv	OBJECTIVE	APPLICATION TIME	DOSE l/Ha (1%)	DOSE cc/100L (1%)	APPLICATION TIPS
Table grape	All	Stimulate differentiation of inflorescences and bunch quality.	Apply on buds of 10-20cm length and repeat on buds of 20-30cm.	1-2 l/Ha	100-200 cc/100L	Full covering application before 15 days of flowering.
	Thomson seedless, Black seedless, Red Globe	Increase berry size.	Along with the application of gibberellins after fruit setting.	1,5-2 l/Ha	100-150 cc/100L	2-3 applications directed to the bunches.
	Flames seedless, Crimsom			1-1,5 l/Ha	75-150 cc/100L	2 applications directed to the bunches. 2 full covering applications.
Kiwi	Hayward	Prevent potassium deficiency and stimulate vegetative growth and fruit size.	Apply when shoots are 10-20cm in length.	1-2 l/Ha	100-200 cc/100L	Full covering application.
Citrus	All	Induce flower and fruit number.	Apply during floral induction.	2,5-3,6 l/Ha	250 cc/100L	2 applications.
		Increase fruit size, inhibit fruit drop.	Apply just after fruit setting.	1,5-2,4 l/Ha	150 cc/100L	
Cherry, plum, peach, nectarine	All	Prevent potassium deficiency and stimulate vegetative growth and fruit size.	After petal fall.	1,5-2,5 l/Ha	100-150 cc/100L	2-3 applications, every 7-10 days.
Strawberry	All	Increase fruit setting and fruit size.	Apply just after fruit setting (10 days after flowering).	1 l/Ha	100 cc/100L	1-3 applications.
Avocado	All	Increase fruit setting and fruit size.	Apply during floral induction.	2 l/Ha	200 cc/100L	2 applications.
			Apply just after fruit setting.			
Tomato	All	Increase number of lateral buds and regulate flowering.	Apply during flowering and fruit set.	1-1,5 l/Ha	100-150 cc/100L	2-3 applications.
Pepper	All	Regulate plant at flowering.	Apply during first flowering.	1-1,5 l/Ha	100-150 cc/100L	2 applications.
Walnut	All	Increase fruit size and yield.	Apply during shoot growth.	2 l/Ha	200 cc/100L	2 applications.
Melon, watermelon, zucchini	All	Reduce apical vigor and induce flowering and fruit setting.	Apply during flowering.	1-2 l/Ha	100-200 cc/100L	1-3 applications.
Coffee	All	Increase fruit size and quality.	Apply on small fruits.	1,5 l/Ha	150 cc/100L	2 applications every 15-20 days.
			Apply during fruit ripening.			2 applications every 20-30 days.
Mango	All	Induce flower and fruit number.	Along with nitrate applications for induction.	1,5 l/Ha	150 cc/100L	1-2 applications.
		Increase fruit setting and fruit size.	Apply on small fruits.			2 applications.
Ornamentals	All	Increase lateral buds growth/branching and quality.	Apply before and after pinching/pruning.	0,2-0,6 l/Ha	40-60 cc/100L	2 applications, right before pinching and 7-10 days later.
Apple	Golden delicious	Thinning.	Fruitlet growth.		1-2 L/100L	When King (central) fruit is between 7-12mm diameter.
Pistachio	All	Avoid bud abscission to avoid OFF years.	Kernel development.		500 cc/100L	Around early June (depending on variety) on female trees, just before kernel development.

Compatibility

For mixing with any other product, conduct a test in a small volume to assess compatibility. For further information, technical advice or any other enquiries, please contact your local distributor.