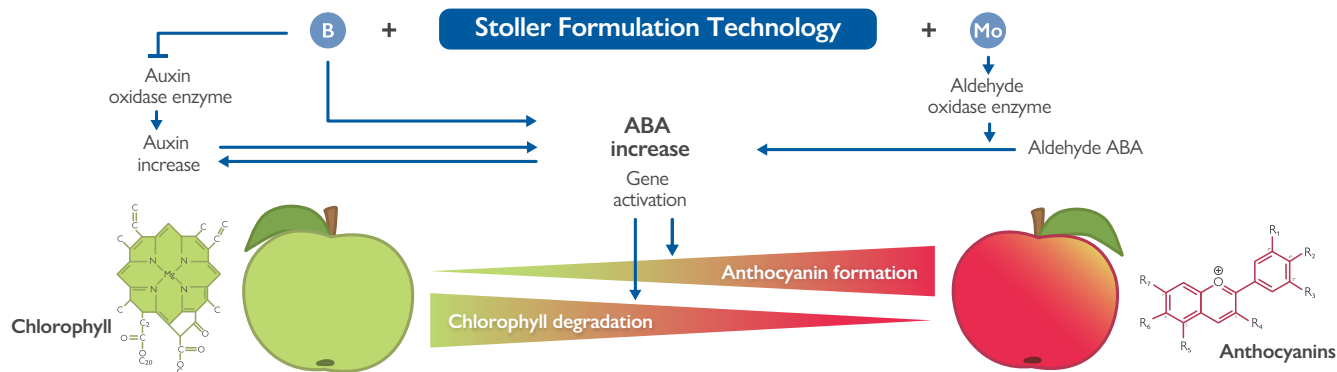


Technology to improve the intensity and homogeneity of the coloration in the fruits

ChromaFruit is designed to promote fruit colour change, increasing its incidence in surface and intensity. Its application allows fruit to reach adequate anthocyanin levels, without the need to delay harvesting or affecting their firmness. In addition, the physiological framework in which **ChromaFruit** works does not affect the metabolic pathway of ethylene production, and therefore ethylene production pathway, so it will have an effect on both climacteric and non-climacteric crops.



- ✓ **Greater area of colour and intensity in the fruit** without affecting the organoleptic and commercial quality.
- ✓ **Increased percentage of fruit harvested** in the first passes.
- ✓ **Certified for use in Organic Agriculture.**



Stoller Formulation Technology

Nutrients	B	Mo	Ascophyllum nodosum
Content	8 %	0.02 %	Manitol 0.10%
Physiological Properties	Movement of sugars. Promotes ABA and anthocyanin production.	Promotes ABA. Antioxidant effect. Production of anthocyanins.	Resistance to abiotic stress.

Recommended application

Foliar application: 6 L/ha, 6 L/ha, 2 applications at 30 and 15 days before the estimated date of first harvest. Volume of liquid 800-1100 L water/ha. **ChromaFruit** can be mixed with all types of products, but mixtures with copper are not recommended

Density (kg/L): 1.30 ± 0.02

pH: 8.0 - 10.0

Conductivity (ms): 0 - 10

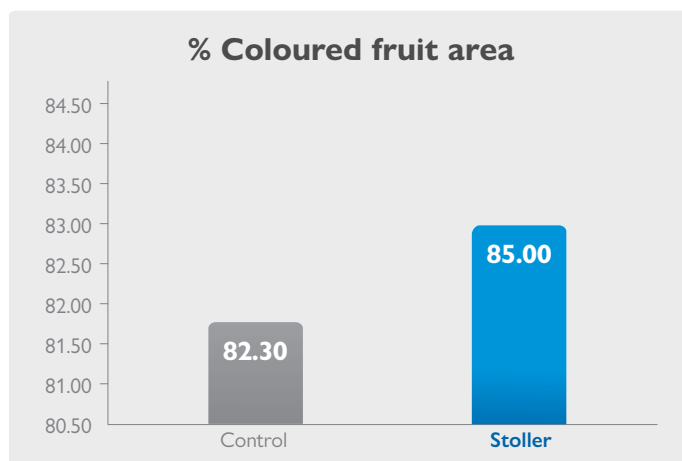


Results

• Apple Gala/Brookfield

Application time: 2 applications, 30 and 20 days before the first harvest (27/08/2019).

Dosage: 6 L/ha.



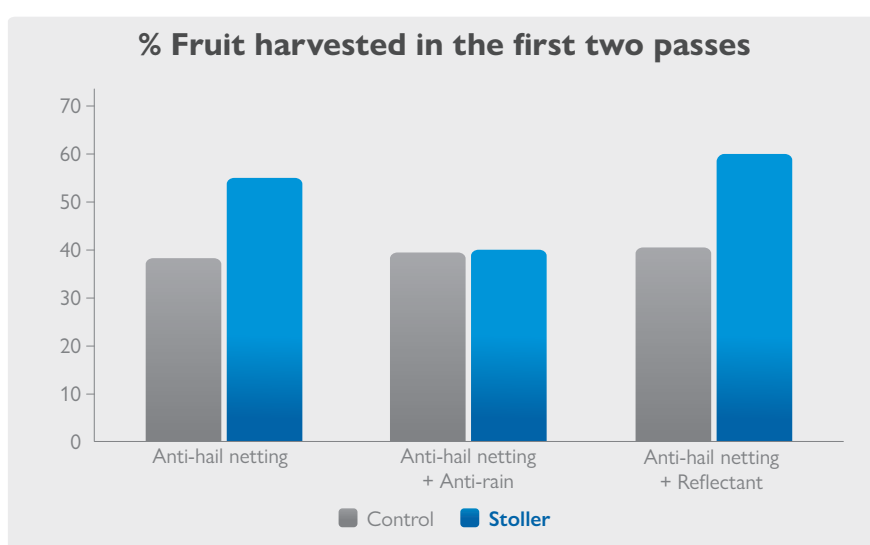
The surface of the coloured area is larger with **ChromaFruit**.

Results: The treated fruits harvested have a higher percentage of coloured area and a higher colour vividness than the untreated ones.

• Apple Fuji Astek

Application time: 2 applications, 30 and 15 days before the first harvest (11/10/2021).

Dosage: 6 L/ha.



Above, use of hail and rain netting untreated, below **ChromaFruit**.

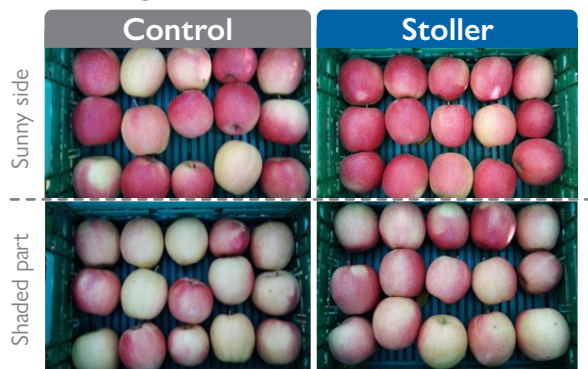
Percentage of fruit harvested with the use of different nets. A 20% increase in yield increase of 20% in the use of anti-hail and reflective netting with the use of **ChromaFruit**.

Results: **ChromaFruit** is fully compatible with the needs of the farmer. You can see the improved fruit colour results and compatibility with different types of netting used to prevent hail and rain damage (despite potential UV reduction).

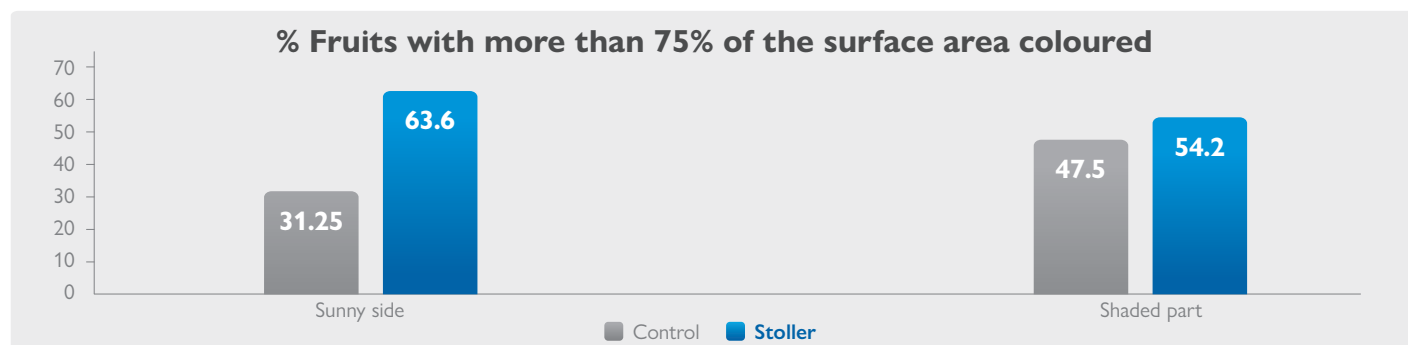
• Apple Pink Lady Rosy Glow

Application time: 2 applications, 45 and 30 days before the first harvest (27/11).

Dosage: 6 L/ha.



Results on the day of the second harvest. Above: Sunny side. Below: Shaded part.



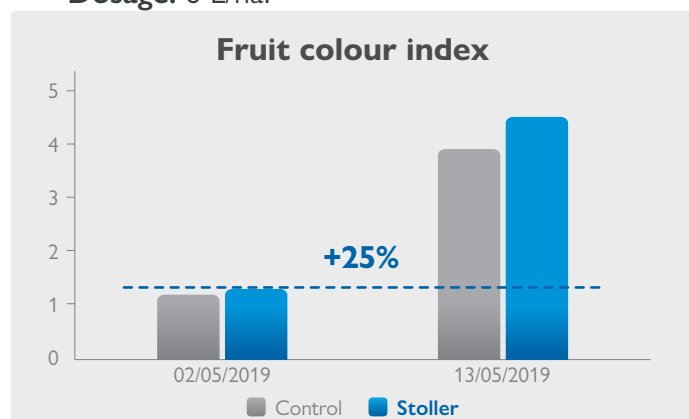
It is observed that trees treated with **ChromaFruit** have more fruit with a coloured surface area of more than 75%.

Results: Delayed harvesting can lead to a loss of post-harvest quality as fruit ripening progresses. In this case, the trees treated with **ChromaFruit** have more fruit with more than 75% of the surface area coloured, as well as a greater intensity of colour, so there is no limitation in the commercial use of these fruits. there is no limitation on the commercial use of these fruits.

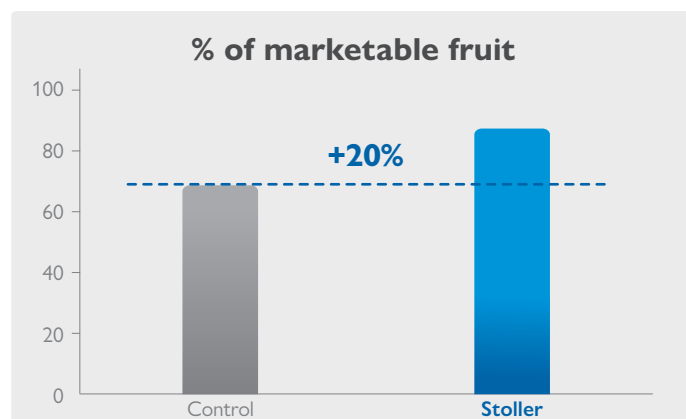
• Royal Ruby Cherry

Application time: 2 applications, 45 and 30 days before the first harvest (27/11).

Dosage: 6 L/ha.

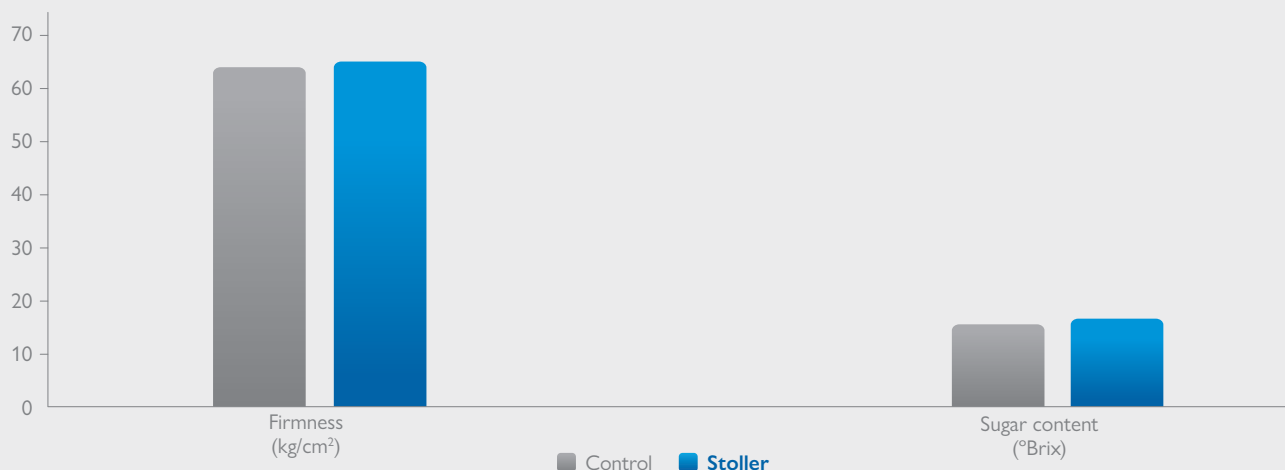


With **ChromaFruit**, a significant difference in the colour index of the apple. Δ (T1/T0) at 02/05/19 8.3% and at 13/05/19 24.23%.



More than 20% of the fruit from trees treated with **ChromaFruit** marketable. Δ (T1/T0): 23.8%.

Evaluation of fruit quality in storage



ChromaFruit treatments do not affect firmness or °Brix.

Results: The best results have been obtained with **ChromaFruit**, registering a colour index of class 4, which means an increase in fruit harvest of more than 25% compared to the Control, maintaining the organoleptic quality parameters..

		Fruit size (mm)							
		<22	22	24	26	28	30	32	34
°Brix	Control	1	4	22	47	14	2	9	1
	ChromaFruit	1	6	21	50	17	3	3	1

Stoller Solutions: The value of Stoller Solutions lies in our experience and understanding of plant hormone balance: how it relates to the growth stages of crops and the impact of their natural hormone activity on plant development and yield. Our **patented technology** is effective in ensuring optimal plant growth, making the most of every hectare, no matter what conditions or challenges we face during the season.