

SugarMover Zn



Stoller Solution to promote the movement of sugars within the plant and to achieve higher fruit, grain and bulb filling*

SugarMover Zn is a liquid fertiliser that provides boron, copper, molybdenum and zinc, the main nutrients needed in the grain and bulb filling process. The boron present in **SugarMover Zn** is an essential element that improves the transport of sugars from the leaves (source) to the grains and bulbs (sink). Copper, molybdenum and zinc are nutrients that promote photosynthesis and protein synthesis that improve quality, size and uniformity characteristics.



What is its mechanism of action?



Increase plant photosynthesis



Higher carbohydrate translocation efficiency (leaf to grain)

- ✓ Greater weight, size, and quality of grains.
- ✓ Increases grains and pod fill.
- ✓ Promotes uniform seed size.
- ✓ Improves protein content.
- ✓ Increases bulking in root crops.
- ✓ Increased productivity.
- ✓ Better profitability for the farmer.
- ✓ Suitable for use in organic farming.

SugarMover Zn is application at a rate of **3 L/ha** sprayed as a foliar and **5 L/ha** fertigation, from the filling stage to crop maturity. The number of applications may vary depending on the crop.

Stoller's Formulation Technology

Nutrient	Zn	B	Cu	Mo
Content	4.5 %	4 %	0.15 %	0.015 %
Physiological properties	Auxin formation. Promotes photosynthesis. Synthesis of ATP and aa.	Movement of sugars. It favors the formation of auxins.	Increased photosynthesis and respiration. Antioxidant effect.	Antioxidant effect. Protein production. Optimization of N.

Density (kg/L): 1.31 ± 0.02

pH: 7.0-9.0

Conductivity (ms): 0-10



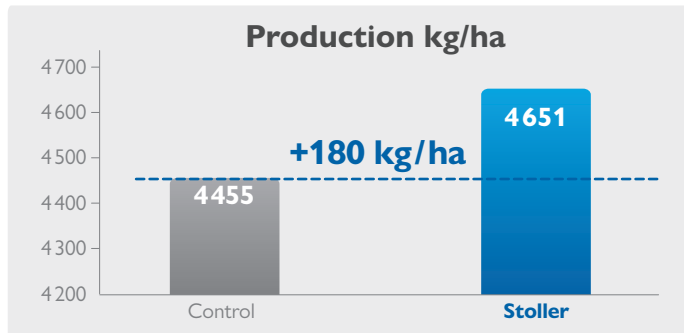
*Thanks to Stoller Formulation Technology, we provide the appropriate nutrition that naturally intervenes in the physiological processes of the plants.

SugarMover Zn



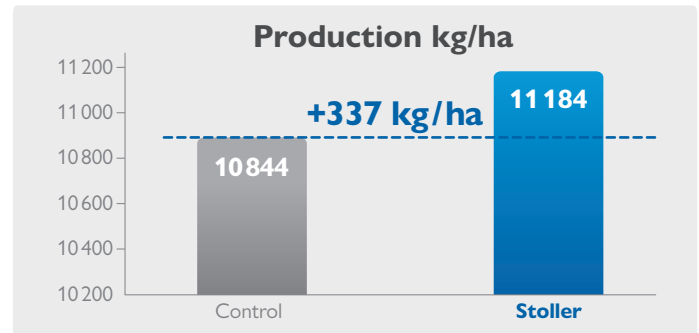
Evidences

• Wheat



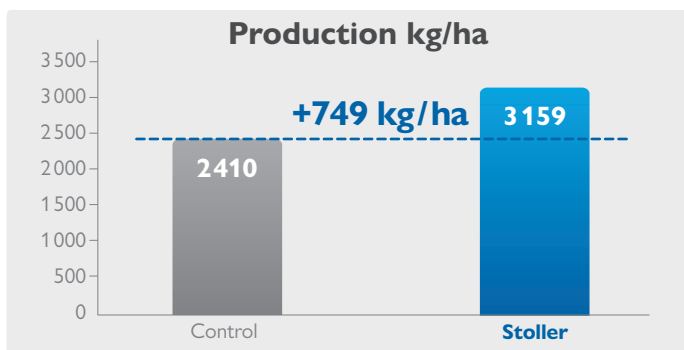
Using **SugarMover Zn** growers increase 180 kg/ha their average productivity.

• Corn

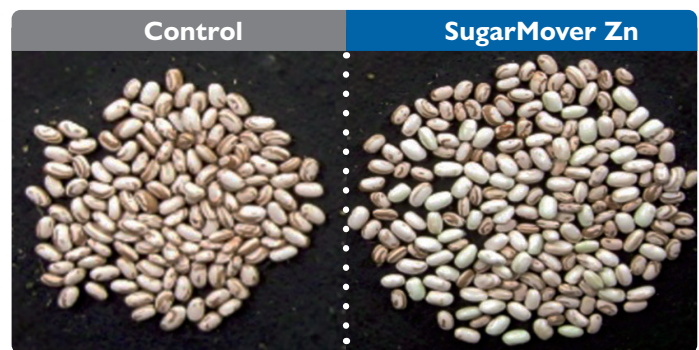


Using **SugarMover Zn** growers increase 337 kg/ha their average productivity.

• Beans



Using **SugarMover Zn** growers increase their profits by 30% their benefits. Average yield increases by 749 kg/ha with an increase of 14% in grain weight.



• Pepper

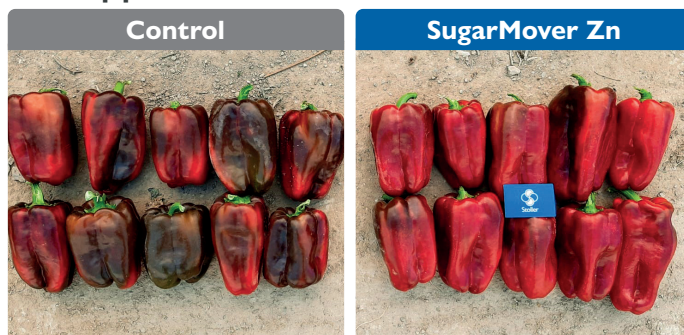


Fig 1. Difference in fruit quality parameters (size and colour). We can see that the fruits of the **crops treated with Stoller Solution** (right) show a larger size and a more intense and homogeneous red colour compared to the control crops (left).

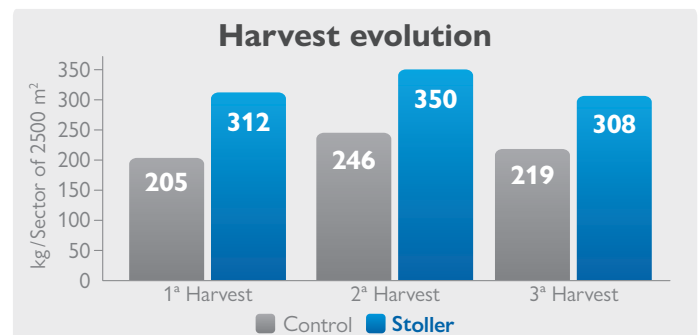


Fig 2. Weight (kg) obtained in the different harvests in each treated sector (2500 m²). We observe that in all the harvests a greater number of kg was obtained in the crops treated with the **Stoller Solution**.

Stoller Solutions: Stoller Solutions' value lies in our experience and understanding of plant hormone balance: how it relates to crop growth stages and the impact of the natural hormone activity on plant development and yield.

Our **patented technology** is effective to guarantee a optimal plant growth, getting every hectare, no matter what conditions or challenges we face during the season.