

Cellerate MoZn



Stoller Solution to accelerate the crop growth*

Cellerate MoZn is specially designed to accelerate crop development in the early stages of vegetative growth, improving nitrogen use efficiency.

Molybdenum improves nitrogen uptake by plants by stimulating the nitrate reductase and nitrogenase enzymes. Zinc is essential for the synthesis of the amino acid tryptophan. It is a precursor of auxin, which stimulates root development. In addition, zinc is important for respiration and photosynthesis. Phosphorus, increases energy levels (ATP) in the plant, promotes root growth and stimulates root development.

This allows the plants to reach their maximum agronomic and productive potential.



- ✓ Acceleration of the physiological process in the initial phases of crop growth.
- ✓ Acceleration of the plant recovery process after a vegetative stop.
- ✓ Better use of nutrients.
- ✓ Great potential for biological nitrogen fixation in grasses.

Features	Cellerate MoZn
Scientific evidence	Tested in scientific trials and field tests.
High quality formulation	Stoller's Formulation Technology has the essential nutrients to help plants improve absorption, translocation and assimilation capacity.
Cost-benefit ratio	High return on investment by improving productivity and profitability.

Stoller's Formulation Technology			
Nutrients	P	Mo	Zn
Content	11 %	8 %	4 %
Physiological properties	Increases energy levels (ATP). Root growth.	Efficient use of N.	Auxin formation. ATP synthesis. Protein and aa synthesis. Promotes photosynthesis.

Density (kg/L): 1.40 ± 0.02

pH: 1.0 - 2.0

Conductivity (ms): 70 - 80

Application

Cellerate MoZn is applied **foliar during the vegetative development** of the crop at a **rate of 0.15-0.2 L/ha**. The number of applications may vary depending on the crop.



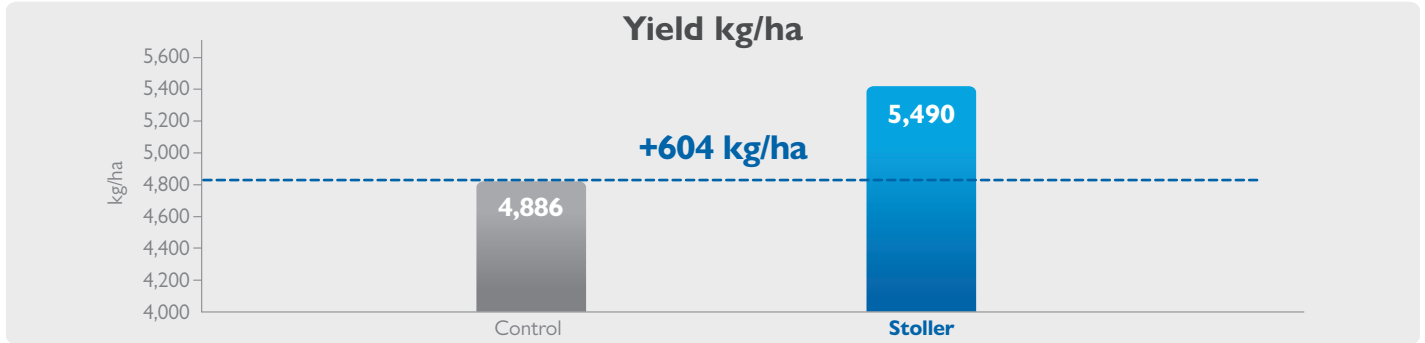
*Thanks to Stoller Formulation Technology, we provide the appropriate nutrition that naturally intervenes in the physiological processes of the plants.

Cellerate MoZn



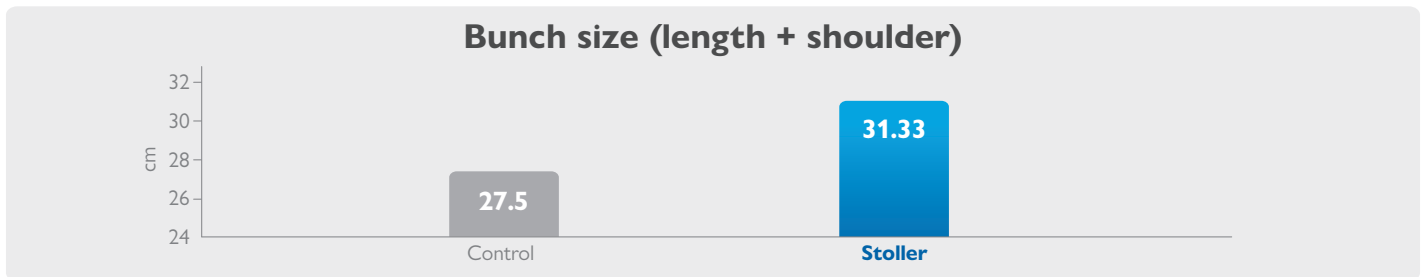
Results obtained:

- Wheat



Increase crop yield and grower's return of investment. With **Cellerate MoZn** the grower increased in yield +604 kg/ha.

- Table Grapes



Increase bunch elongation: with **Cellerate MoZn** we have increased by 14% the bunch size (length + shoulder).



Control			Cellerate MoZn		
Trials	Length cm	Shoulder cm	Trials	Length cm	Shoulder cm
1	16	5	1	22	12
2	15	3	2	24	8
3	16	3	3	17	9
4	14	4	4	22	9
5	18	4	5	19	7
6	12	5	6	20	8
7	14	5	7	19	14
8	17	9	8	15	5
9	16	5	9	22	6
10	17	4	10	22	14
11	15	4	11	21	7
12	19	3	12	25	10
Average	15.75 cm	4.5 cm	Average	20.66 cm	9.08 cm
Length +31.7%			Shoulder +100%		

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.

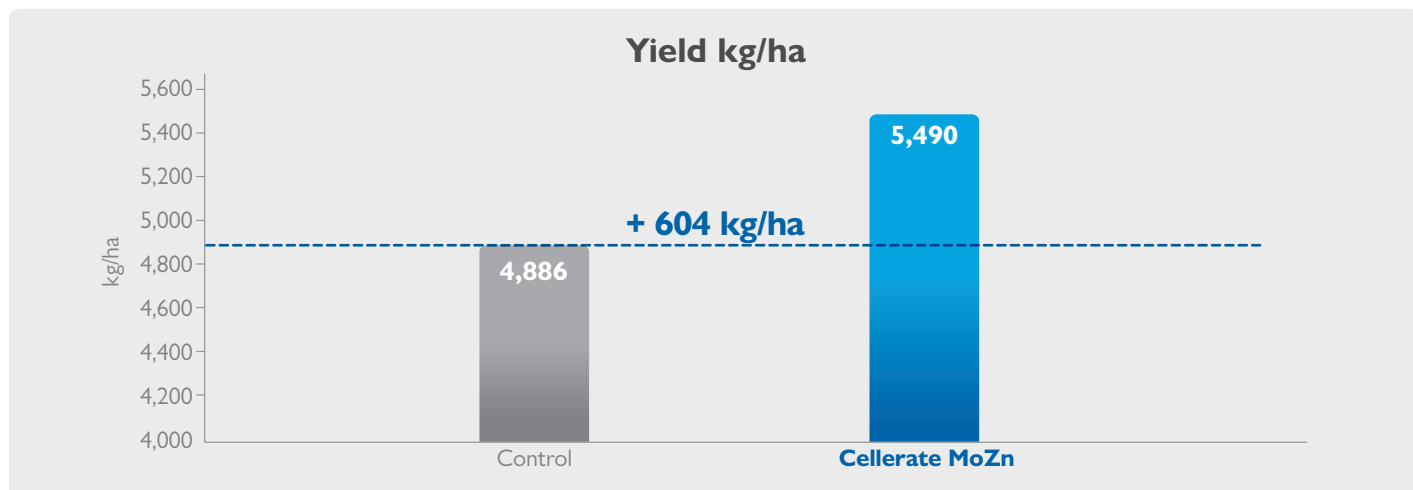
Cellerate MoZn



Evidences :

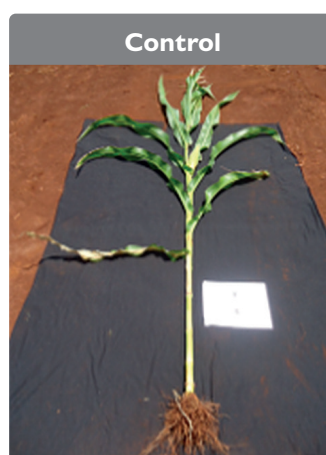
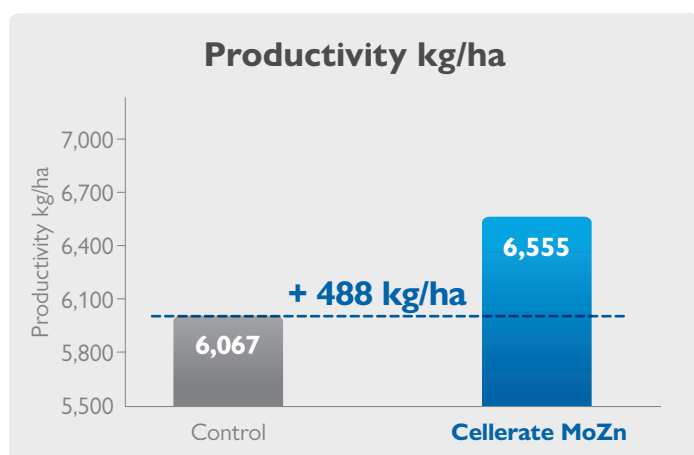
- **Wheat**

The trial evaluated the effect of the application of 0.2 L/ha **Cellerate MoZn** on the tillering compared to the control plot. As a result, we concluded that the plot treated with **Stoller Solution** obtained an increase in production of +604 kg/ha.



- **Corn**

The trial evaluated the effect of the application of 0.2 L/ha during the vegetative development phase BBCH 14-18. Two applications were made every 15 days. As a result, we concluded that the plot treated with the **Stoller Solution** obtained an increase in production of +488 kg/ha compared to the control.



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.