

## Stoller Solution to improve nutrient and water absorption capacity

RootFeed® provides appropriate nutrition for continued root system growth, **calcium translocation** inside the plant and physiological balance.

The **magnesium** in the formulation, thanks to **Stoller Formulation Technology**, naturally intervenes in the plant's physiological processes to increase photosynthetic activity and the movement of sugars to the roots.



- ✓ **Improves root capacity to retain water efficiently** (Available Water Capacity- AWC) and increases the absorption surface: More efficient use of nutrients and water in the soil.
- ✓ Promotes root activity: **Continued growth of the root system** by maintaining a high rate of translocation of essential nutrients throughout the cycle (Ca, N, Mg and K).
- ✓ Provides the **form of nitrogen** ready to be absorbed by the roots to start providing nutrients immediately.
- ✓ **Magnesium** is a key element in chlorophyll synthesis, increasing the plant's photosynthetic rate and ensuring balanced plant growth. It increases the permeability of the cell to the passage of sugars, preventing their accumulation in the leaves and favoring their movement towards the roots (thanks to the source-sink effect).

### Stoller's Formulation Technology

Nutrients	Ca	N	Mg
Content	9.6%	9%	2.5%
Physiological properties	Development of root hairs. Enhances the movement of auxins towards the roots.	Formation of cytokinins. Protein formation.	Enhances the movement of sugars towards the roots. Regulation of the energy balance. Essential in chlorophyll (enhance photosynthesis).

### Key formulation: Contains patented N-HiB technology

A unique bond between amine nitrogen and calcium that forms a highly stable molecule in the soil, preventing nitrogen loss due to leaching and improving calcium absorption and translocation.

Improves the stability and availability of amine nitrogen for more efficient root uptake and assimilation.



### Application

5 L/ha throughout the cycle via radicular application.



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

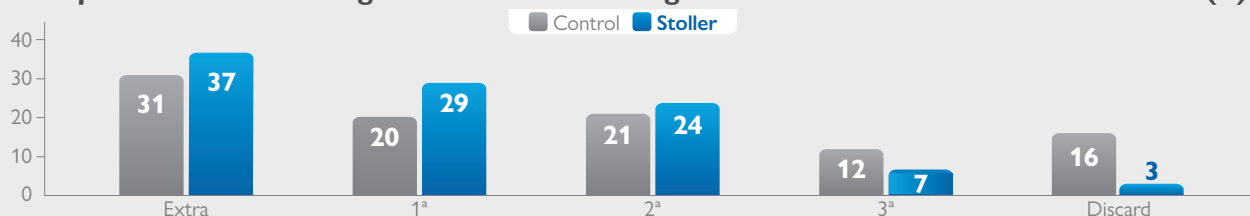
## Results in strawberry

As we can see in the comparative images, with the **Stoller Solution** we increase root development compared to Control. This ensures efficient nutrient uptake which will result in a healthy plant and balanced and in the formation of good quality fruits.



## Results in pepper

Total production according to the different categories of the commercial classification (%)



**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.