



# BORO 10



Granular Ulexite 10%

**MANUFACTURAS LOS ANDES S.A.**

Boron is one of the most important micronutrients essential to plant growth as it is indispensable for plant life. It is known that Boron deficiency affects the normal plant development.

Boro 10 is a natural product which contains 10% Boron. It is used as a fertilizer and as growth regulator. Starting from natural Ulexite, this product is granulated through the addition of binding agents and other additives which control Boron availability within an adjustable period of time for soil application. What is more, our product also supplements the micronutrients Calcium and Sulfur.

## PHYSICAL PROPERTIES

|              |  |
|--------------|--|
| Appearance   | Greyish granule.*  |
| Bulk density | 0.8 Ton/m <sup>3</sup>                                     |
| Granulometry | Little spherical balls of variable diameter (2mm. to 5mm.) |

## CHEMICAL PROPERTIES

|   |            |
|---|------------|
| Purity as B <sub>2</sub> O <sub>3</sub> | 32.0% Min. |
| Purity as Boron Element                 | 10.0% Min. |
| Calcium (Ca)                            | 12.5% Min. |
| Sulfur (S)                              | 3.0% Min.  |
| Sodium (Na)                             | 6.5% Max.  |
| Arsenic (As)                            | 0.01% Max. |
| Humidity                                | 2.5% Max.  |
| B solubility in 2% Citric Acid          | 97.0% Min. |

\*Our Boron granulate is obtained through the agglomeration of finely ground particles.

**Headquarters:** Provincial Route Nº36, Km2 | Campo Quijano | CP. 4407 Salta - Argentina | Tel./Fax: +54 387 4904135

**Production Facility:** National Route Nº51, Km212 | Olacapato | Salta - Argentina



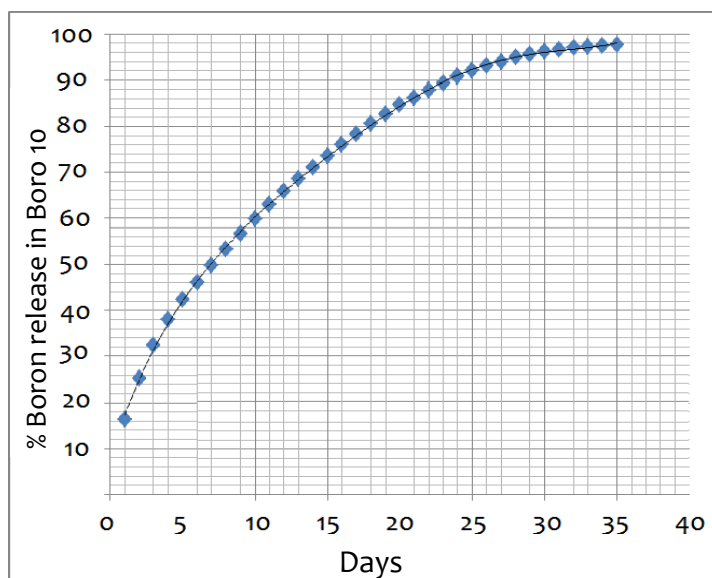
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## BORON AVAILABILITY IN BORO 10

This product's controlled release ensures that the plant requirements of Boron are fulfilled as the appropriate amount of Boron is available for plant uptake. As a result, a beneficial application program of the product can be accomplished easily.



## PACKAGING

BORO 10 is available in big bags de 850kg. And in 25kg. polypropilene bags.

## APPLICATIONS AND BENEFITS

- Economy**

Boro 10 is a natural fertilizer and the most cost-efficient way to incorporate Boron through soil for concentration point.

- Fertilizers**

Boron enhances the effects of sugars on the hormone action in plants (highly used in Brazil in citrics production with this end), the amount of photosynthesis, the rate of absorption of  $\text{CO}_2$  from the air, and the growth of plant roots. Boro 10 is the most appropriate product for fertilizers mixing plants plantas which usually add it to NPK formilations together with other micronutrients.

- Boron Deficiency**

For decades, Boron deficiency has been recognized in a wide range of crops. This deficiency can be remedied by the correct boron application through soil, foliar or root system application methods. Boron deficiency can be detected on plants symptomatology or by means of soil analysis.

- Liberación Controlada**

With Boro 10, the amount of Boron available can be adjusted to improve the assimilation of the plant.

The ability to accelerate or diminish the micro-nutrient's release speed results in the maximum utilization of Boron together with the highest economic efficiency. This ability depends on the requirements of each crop.

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