

# GRANUBOR® 2

## 14.3% BORON

### SPECIFICATIONS

Guaranteed Analysis:	Boron, weight %	14.3%
Bulk Density:	lbs. per cubic foot	60
Particle Size:	Size Guide Number [SGN]	250 to 280
Physical Appearance:	White Granule	

### PACKAGING

22.7 Kg Bags, 1134 Kg Bags or Bulk

### AGRONOMIC CONSIDERATION

A granular boron with 100% solubility that provides excellent Boron plant availability. Compatibility with all fertilizer blends and provides immediate availability of boron and extended plant needs.

### GENERAL RECOMMENDATIONS

Use 7 lbs of Granubor®2 for every pound of boron required. Can be broadcast, banded or seed placed. If granubor is seed placed a maximum of 7 lbs. of actual boron should be used.

### MANUFACTURING CONSIDERATIONS

Normal bulk blending procedures. Use Granubor®2 to match analysis where higher amounts of boron are needed. Can be broadcast, banded or seed placed.

### Differences in Boron Fertilizer Sources

Boron was first shown to be an essential micronutrient for plant growth and development by Warington in 1923. Boron is essential for all plant growth, aiding in the transfer of sugars and nutrients from leaves to fruit, and increasing pollination and seed development. Growers should know the relative boron needs for each specific crop, as well as the water soluble available boron supply in the soil, to determine the optimum rate and method of applying sufficient boron for optimum yields.

CONTINUED NEXT PAGE

**FOR FURTHER INFORMATION OR TO DISCUSS YOUR FERTILIZER NEEDS, PLEASE CONTACT US AT:**

**1-866-373-2972 or visit [www.NexusAg.com](http://www.NexusAg.com)**

Always read and follow label directions

Updated October 2016

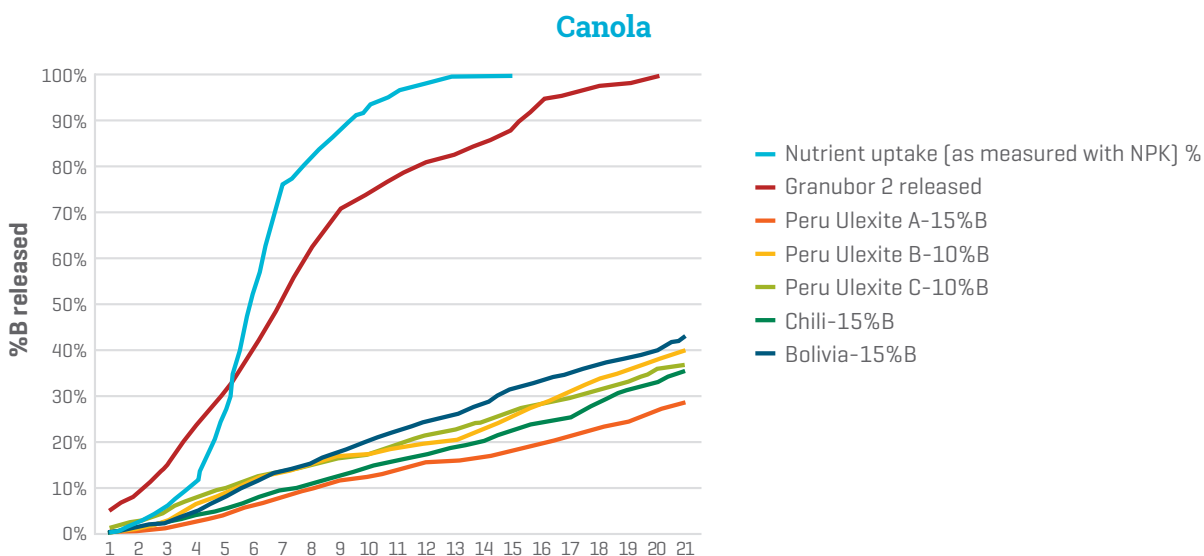
## GRANUBOR® 2 - 14.3% BORON . . . CONTINUED

Plant uptake of boron is related to the boron concentration in the soil solution of the root zone.

“Controlled release” boron fertilizers have been available for some time, but little is known about the relative release rates of the products under similar conditions. Knowledge about the relative rates is critical for maximizing the efficiency of the crop demands, and increases growers’ profitability and improves sustainability. Results from soil experiments have shown that not all boron sources provide equivalent water soluble boron in the soil solution.

A wide disparity is seen between refined granular sodium only borate products such as Granubor® 2 and granular ulexite, a sodium-calcium borate product. Ulexite mineral consists of sodium-calcium borate which is classified as partially water soluble, whereas Granubor® 2 is a sodium only borate classified as water soluble. Another key difference is the manufacture of the two products. Granubor® 2 is a refined product, which means the ore is dissolved in water and re-crystallized, removing any impurities and creating an extremely pure natural product.

The unique granulation of Granubor® 2 is engineered to meet the crops’ boron demands during the growing season. Ulexite products cannot enter the same process due to the low water solubility. The graph shows the release rates over time of various borate fertilizers compared to N-P-K uptake of canola. Granubor® 2 is the right source of boron to meet the nutrient needs of the crop.



**FOR FURTHER INFORMATION OR TO DISCUSS YOUR FERTILIZER NEEDS, PLEASE CONTACT US AT:**

**1-866-373-2972 or visit [www.NexusAg.com](http://www.NexusAg.com)**

Always read and follow label directions

Updated October 2016