

# BD-Sweet

*Cold Processed Cane Sugar*

Sugar, a normal production component of photosynthesis, helps the plant build proteins within the plant. It has been shown through research that plants are not always able to produce the amounts of sugar necessary for optimal growth. Cloudy, overcast, and cooler days can slow photosynthesis. Other plant issues can slow leaf tissue development or not allow for enough chlorophyll because of lack of heat units, pesticide mitigation, or nutrient deficiency, and also salt burn.

University and third party trials have shown that the addition of sugar with a pesticide or nutrient application has proven to be beneficial to the plant. Plants have to process and metabolize foliar applied chemistries before they can benefit from the application. The simple addition of BD-Sweet helps plants process foliar applications and allows the plant to photosynthesize, in turn maximizing energy production for the plants life-cycle.

There are a lot of differences in sugar products available and those that are least processed offer the best natural sugar for the plant. Most granulated sugar products have been pasteurized and may also have added formaldehyde for storage and ease of use, but this can inhibit normal plant process; so therefore, more sugar needs to be added to get a crop response or any yield benefits.

Biodyne has evaluated several sugar products and have concluded that the cold processed cane sugar provides top crop benefits at low use rates. BD-Sweet is a cold processed cane sugar product that is a best-in-class product, fits into the Biodyne family of products and gives us the best opportunity for increasing plant health and higher yields.



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