

Product Of The Month

IBDU - **IBDU** is a slow release nitrogen fertiliser. The maximum duration of release for **IBDU** particles is about 5-6 months. **IBDU** contains 31% nitrogen and is available in 20kg bags **IBDU** is a condensation product of urea and isobutyraldehyde. The nitrogen in **IBDU** is released by a chemical hydrolysis reaction, and in contrast to UF nitrogen, the microbial degradation is minimal. Particle size, hardness, and the amount of water passing through the media have the biggest effect on the fertilizer release. Low pH increases hydrolysis, but temperature is not a critical factor. Commercial **IBDU** fertilizers contain multiple particle sizes to achieve an even release rate.

Urea - **Urea** is the most concentrated solid nitrogen fertilizer available (46% N), and has become the world's major source of nitrogen. **Urea** is available in 20kg bags Australian made **Urea** fertilizer is mainly used for pre-plant application in grain crops, and for side or top-dressing pasture and forage crops, grain cotton, vegetables and sugarcane. **Urea** is also used in tree and vine crops. Best results are achieved when surface broadcast without incorporation, if applied before rain or irrigating. **Urea** can also be applied in irrigation water, and as a foliar spray. This fertilizer is not recommended for repeated foliar application on annual or perennial horticultural crops.

Calcium Nitrate - **Calcium Nitrate** can be used for Fertigation to boost growth of many crops such as: nursery stock, flowers, apples, lettuces, citrus, herbs, and grapes. **Calcium Nitrate** is available in 25kg bags **Calcium Nitrate** is a major soluble hydroponic fertiliser and must be part of any hydroponic mix when two concentrate solutions are used. **Calcium Nitrate** from YARA is a white prill of the highest quality and has excellent solubility. **Calcium Nitrate** contains 15.5% N in nitrate form and 19% water-soluble calcium. Since the highly soluble nitrogen and the calcium are both immediately available to plants, this fertilizer can be used to remedy plant deficiencies in calcium and ameliorate soil acidification.

For more information about these products call into to see us at the next NGIV Trade Day, stand B4 or call our office.

Duralite Your Growing Partner

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