

DUSLO®

ENERGY OF YOUR GROWTH

DUKANIT®

Composition, properties, appearance: DUKANIT® is a nitrate of lime or calcium nitrate totally and quickly soluble in water. It is a small-particle granular material of white colour intended for preparation of nutrient solutions with N and Ca contents.

The core component of the fertilizer is the compound $5\text{Ca}(\text{NO}_3)_2 \cdot \text{NH}_4\text{NO}_3 \cdot 10\text{H}_2\text{O}$.

N 15,5% CaO 26,3%

Technical specification:

| | |
|-----------------------------------|------------------|
| total nitrogen (N) | 15.5 % by weight |
| nitric nitrogen | 14.4 % by weight |
| ammoniacal nitrogen | 1.1 % by weight |
| water-soluble calcium oxide (CaO) | 26.3 % by weight |

Grain-size distribution:

| | |
|--------------------------|---------------------|
| particles from 1 to 4 mm | min. 90 % by weight |
| particles under 1 mm | max. 10 % by weight |
| particles over 10 mm | 0 % by weight |



Application: Fertilizer is recommended for nutrient solutions preparation by solving in water for:

- drip irrigation systems (solution ratio: 0.05 – 1.5 kg per 1,000 l of water)
- hydroponic solutions (with a dilution ratio of 1kg per 1,000l of water, 1l of the solution provides a plant with 155mg of N, 190mg of Ca)
- foliar application (solution ratio: 500 – 800g/100l of water; use max. 10 applications per season)
- foliar or direct application is also recommended for turf of golf courses

The fertilizer solution can be mixed with other nutrient solutions containing Mg or K with the same anions and cannot be mixed with solutions or compounds containing phosphorus or sulphate anions.

Package: fertilizer is packed into polyethylene bags with no more than 25kg of fertilizer or in big bags with 600kg, 1,000kg, 1,100kg and 1,200kg of fertilizer.

Storage: Packed fertilizer must be stored in original undamaged packages. The product is a hygroscopic fertilizer, therefore it must be stored without any exposure to outside air. It is not recommended to store fertilizer in opened package.



The given data are only informative and are not comprehensive. Further information can be obtained from the producer:

Duslo, a.s. Administratívna budova ev.č.1236, 927 03 Šaľa, Slovak Republi.

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