hortipray®

PRAYON

13.7 | 0 | 46

Potassium Nitrate (NOP)

Hortipray® Potassium Nitrate (NOP) is a fully water-soluble crystalline potassium nitrate fertiliser.

Benefits

Hortipray® NOP is a high standard quality potassium nitrate source providing the much needed nitrogen and potassium to plants at all growth stages, in hydroponics as well as soil grown crops. Our product is free of chlorine, sodium and heavy metals.

Hortipray® NOP is a free flowing, fine crystalline powder which dissolves quickly in water and can be used in all fertigation systems, such as drip irrigation, NFT, sprinklers, centre pivots and lateral movement irrigation systems.

Quality – Purity – Solubility – Availability

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13.7	0	46.3

Potassium Nitrate (NOP)

Recommendations

Hortipray® NOP can be mixed with any water-soluble fertiliser, and can be added to the A tank and/or the B tank solution.

Hortipray® NOP has a low pH (4-5) which helps the product dissolve in water and keeps other ingredients available for absorption by the plants.

Manufacturing technology

Based on a unique ion-exchange manufacturing technology, Kemapco (Jordan) produces Hortipray® NOP for Prayon. This technology was developed by Kemira during the 1990's.

Product specifications

Chemical formula: KNO_3

Nitrate (N as NO_3) 13.7%
Potassium (K_2O) 46.3%
Potassium (K) 38.4%
Solubility (20°C) ..... 316 g/L water
EC (1 g/L at 25°C) ..... 1.3 mS/cm
pH (10%) 4-5

Packaging and transportation

Available in 25 kg bags and 1000 kg Big Bags

Hortipray® NOP is packed and stored on pallets at the production site in Aqaba (Jordan) which keeps the purity level high. The product is transported by containership to different harbours and can then be delivered directly to customers. Handling is therefore kept to a minimum, going from production plant to end-user in the most efficient way.

PRAYON

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