PRODUCT TECHNICAL DATA

Anti-Caking Agent K100

Product Description

K100 is a new anti-caking product made with inorganic mineral/inorganic inert powder as the main raw material, supplemented with organic surfactants and inorganic salts and processed using nanotechnology.

Performance Features

- Easy to use; no heating, dissolving or spraying processes are required. Provides excellent resistance to recrystallization and outstanding anti-caking performance.
- Large specific surface area, low dosage and good results. It forms a good film and delivers excellent anti-caking performance.
- Rounds, lubricates and whitens compound-fertilizer granules, with strong adsorption and a solid-film barrier effect.
- Environmentally friendly white powder that is non-toxic, harmless and non-corrosive to soil and crops. It has strong moisture resistance and is suitable for both northern and southern climates.
- Provides slow and controlled release of fertilizers and helps improve soil, prevent soil compaction and reduce water loss.

Method of Use

Using a variable-frequency screw feeder, add the compound-fertilizer anti-caking agent at approximately 0.5-1.0 m from the inlet of the coating drum. Mix through the rotating drum so that the anti-caking agent is uniformly adsorbed onto the fertilizer surface.

Dosage

Depending on the fertilizer type, the dosage of this anti-caking agent is 3-5 kg per tonne of fertilizer.

Special Recommendations

Anti-caking agents for liquid ammonium chloride spraying, compound fertilizers, fertigation fertilizers and urea-based high-nitrogen compound fertilizers; powdered ammonium chloride anti-caking agents, powdered potassium nitrate anti-caking agents, thenardite/mirabilite-type anti-caking agents, dusting-type high-nitrogen compound-fertilizer anti-caking agents, and similar applications.

Packaging and Storage

Packaging: 15 kg and 200 kg. Store sealed in a dry place. The typical storage period is 12 months. Storage beyond the best-before date shown on the label does not necessarily mean that the product can no longer be used.