



GUARANTEED ANALYSIS

Triprotic Acid	: 70 % (w/v)
Siloxane	: 29,95 (w/v)
Indicator	: 0,05 (w/v)

pH Reducer Colour Indicator Diffusion Adhesive

BLUE DOWN

pH Reducers Salinity Correctors Soil Amendments and Adjuvants

FEATURES

BLUE DOWN is an orange coloured product. The product is added until the colour of the water in the fertiliser tank is blue. When the colour of the water is blue, the pH is equilibrated to 5.5. In this way, the water in the fertilisation tank reaches the appropriate pH for the fertilising process.

BLUE DOWN is an effective product with pH regulating (reducing), decalcifying and diffusion adhesive effects. It is particularly effective in protecting pesticides from being denatured by high pH levels, when used in the mixture with irrigation waters with high pH. Due to its diffuser-adhesive effect; it helps pesticides and fertilisers in the plant in leaf applications and prevents them from being washed away in poor weather conditions.

As you know, in pesticide applications performed on open fields, loss of applied pesticide comes into question. These losses originate from various reasons, particularly including weather conditions and plant characteristics. In addition to weather conditions like rain fall or lack of sufficient sunlight after application, the structure of the plant leaf surface also has a significant impact on pesticide retention. Waxy, downy or slippery structures of the plant bar surface make it hard for the pesticides and fertilisers to last on the leaf structures and makes achieving desired levels and effects challenging.

Most of the times the operator is not aware of the pH and calcium levels in the water used for product application, resulting in unsatisfactory outcomes and the need to repeat product application.

Therefore, to eliminate these problems and to achieve the desired levels of efficiency with the applied pesticide or fertiliser. BLUE DOWN should be mixed in the application with water first. This product will adjust the pH level of water applications to 5.6 limits, thus enabling the operator to achieve maximum efficiency with the pesticides and fertilisers applied to the water.

BENEFITS

BLUE DOWN does not only regulate pH levels but also reduces calcium levels in the water application, thus preventing premature disintegration of pesticides or fertilisers. Because of its decalcifying effect, it also prevents blockages from forming in product output ports and nozzles of pesticide application tanks. (Unlike other decalcifying agents, BLUE DOWN converts the calcium content of water into a form absorbable by the plants, thus enabling the plant to use this calcium in the water application as a source of calcium).

In addition to all these properties, BLUE DOWN also has diffusion adhesive properties. It prevents applied pesticides and fertilisers from being lost by evaporation and by being washed off from the plant surface. It reduces the diameter of pesticide or fertiliser drops misted on the plant surface, thus facilitating easier and faster absorption by the plant.

BLUE DOWN helps pesticides and foliar fertilisers to diffuse and adhere a thin film on shoots and fruit set branches, thus increasing their effectiveness.

BLUE DOWN is an effective pH reducer product, descaling agent and spreader adhesive at the same time. BLUE DOWN should firstly be mixed in a sufficient amount to the spraying water, to obtain maximum benefit from spraying and fertilising.

BLUE DOWN reduces the liquid surface tension of the spraying and fertilising water. This allows the pesticides, fertilisers and growth regulators to cover the plant and the leaf surface better.

BLUE DOWN is used to reduce the pH of the water to the desired pH value of the plant nutrition and growth regulators, especially by mixing it with high pH water.

BLUE DOWN ensures that pesticides, plant nutritional products and growth regulators remain on the leaf surface during application of the leaf, due to the spreader adhesive features.

BLUE DOWN is also a descaling agent. The limescale in the spraying water turns into soluble calcium. BLUE DOWN relieves blockages in lime-based mangles in the spraying nozzle.

USAGE AND DOSAGE RECOMMENDATIONS

BLUE DOWN can be used with all kinds of pesticide mixtures for plants. It can also be used alone as needed.

Fungicides, Insecticides, Acaricides, Herbicides, Plant Growth Regulators and Micronutrients.....25 ml. / 100 Lt. Water.

If the pH value of the mixture is above 9 or below 5, the effect of the product may be reduced. Optimum results are seen between pH 5 and pH 9. Mixtures prepared at these pH ranges should be used within 24 hours after mixing.

MIXING RECOMMENDATIONS

- Thoroughly clean the spray tank and application tool.
- Fill the spraying tank 2/3 with water.
- Add the pesticide or fertiliser to be added to the mixture in the following order according to the label recommendations.
- Fertilisers and plant nutrients.
- Dry fluid (DF) and water dispersible granule (WG) formulations.
- Suspension concentrate (SC) formulations.
- Water-soluble concentrates (SL) and water-soluble powders (SP) formulations.
- Emulsion concentrate (EC) formulations.

Spraying Water: 40 - 50 cc. / 100 Lt. Water

Once the crop production is complete, it is applied as and when required during any period.

MIXABILITY

It is recommended to conduct small container compatibility tests before mixing with the other products. To be used only if required, and do not exceed the recommended dosages.

PACKAGING:



250 ml 500 ml 1 lt



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