**Stanohume-P**

Humic concentrate

Stanohume-P is a homogeneous dispersing powder that combines pur humic acid powder provides all the proven benefits of humic acids in an easy to use dispersing product. It enhances fertilizer efficiency, soil CEC and soil moisture retention and improves the availability of soil nutrients, resulting in improved soil fertility and plant health throughout the season.

**Dose & Application**

Dose: 1-2 kg / ha. 300g / 20Litres of water

Packing: 100g, 500g, 1kg, 5kg.

For use in a regular nutrition program for all soils requiring increased organic matter. Use a sufficient amount of water to penetrate stanohume-P to the plant feeder root zone.

Multiple applications may be needed through the season.

The application rate may need to be varied with change of the plant size, canopy or crop load.

Can be applied in tank mixes, drip irrigation and other liquid applicators.
Mixing Instructions
Put 1/3 of water in fertigation tank. Add correct amount of Stanohume-P Full tank with balance of water and agitate. Add other chemicals or nutrients, check compatibility with standard jar test. Agitate adequately to mix.

Mode of action
It is soluble in water and which is having a high cation exchange capacity (C.E.C.) and help to chelate nutrients and stimulate soil microbes. It is resistant to breakage during handling, resulting in a dust free, free flowing product and optimize both growth and yield. This humic acid-based soil amendment designed to reduce the effect of the environmental stresses of water, temperature and soil conditions on crops. Organic acids break down humic acids into fulvic acids and hence humic acid can serve as a long term store of fulvic acids. Working together, these products provide the crop access (through both leaf and soil) to humic substances throughout the growing season. It has different properties that promote plant growth, maximum promotion of soil fertility.

It also stimulates respiration and carbohydrate metabolism inside the plant and have been shown to stimulate the uptake of nitrate by plant roots.

Features
HIGHLY COMPATIBLE with a wide range of liquid fertilizer solutions with pH from 2-12.
It maintains ideal environment for dissolved mineral complexes; elements and cells of biologicals in the soil.
Its substances are key components of a friable (loose) soil structure.
Self incorporates for maximum availability.
Improves soil structure.
Soil temperature and water evaporation rate are stabilized by humic substances.

Benefits
Balances soil fertility.
Maximizes use of applied nitrogen and phosphorus.
Provides dual carbon sources that stimulate and improve soil microbial activity.
Improves stress tolerance and seed germination.
Improves macro and micro nutrient availability.
Increases soluble carbon in the soil.
Prevents nutrient loss by helping balance the carbon to nitrogen ratio.
Highly effective in carbon depleted soils and other sand based growing systems.