

VARDAN

(A splendid combination of Amino Acid, Humic Acid and Bio NPK)

Vardan is a splendid combination of Humic Acid, Amino Acid and Bio NPK. The most outstanding benefits of **Vardan** as soil conditioner with demonstrable positive impacts on plant growth and health as well as on resistance against stress factors (dryness, salt and pesticides) result from its high cation exchange and

pH-buffering capacity as also from its high water holding capacity. It is very active and is easily absorbed by the root. The high carbon content stimulates beneficial soil organisms. Presence of these excellent physical properties makes Vardan applicable to all types of soil and plants to stimulate growth and increase yields.

EFFECTS ON SOIL AND PLANTS		
Chemical	Physical	Biological
<ul style="list-style-type: none">• Maintains pH and increases microbiological activity of soil• Increases soil cation exchange capacity as well as soil buffering capacity• Increases NPK and other nutrients availability• It helps in neutralizing toxins and tie up heavy metals in the soil which also reduces soil erosion and nutrient loss• Plant enzymes present acts as an organic catalyst	<ul style="list-style-type: none">• Increases biomass production and plant membrane permeability• Effective in Drought Management• Improves structure, friability and aeration of soil and optimizes the use of soil water by plants• Eco Friendly, Effective and Economic	<ul style="list-style-type: none">• Promotes root respiration and development, especially vertically (better use of soil humidity) and improves nutrient uptake through the root system• Stimulates plant growth and respiration process. Enhance cell division in plants and bacteria which leads to increase in yield and quality

Target Crops : Agriculture, Horticulture, Plantation, Medicinal Plants etc.

Advantages :

1. Present in granular form which makes it easily accessible to the plants. 2. An excellent solution for rehabilitation of plants under any stress condition. 3. No toxicity or taint in the end product. 4. Applicable at any stage of the crops and promotes overall growth leading to yield increase. 5. Increases resistance to Pests & Diseases. 6. Very effective in drought management. 7. Compatible with Conventional Pesticides.

Dosage: 30 Kg/Ha