



**Kemagro**

*Defining Agriculture with A Difference*

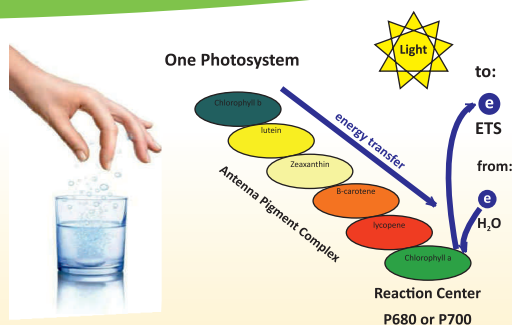
# VAN BOSS<sup>TAB</sup>

The Effervescent  
Nano Technology  
Tablets



## Mode of Action:

VAN BOSS contains many plant hormones and natural trace elements responsible for increasing the chlorophyll content which is increased by the process of Photosynthesis activity.



## Benefits of Boss:

- Increases Photosynthesis Activity
- Increases Plant Resistance Capacity
- Promotes Vigorous Growth Of The Plants
- Promotes Cell Division
- Promotes Seedling Growth
- Promotes New Shoot Growth

## Features:

- VAN BOSS is a new generation product
- Based on Bio-mimetics and Nano technology.
- It combines plant hormones to deliver higher Yields.
- VAN BOSS has emerged to be a broad-spectrum plant growth promoter.

## Unique Points :

- VAN BOSS is world's first effervescent tablet Formula.
- Being patented it is available only through Kenagro.
- VAN BOSS helps in offering the right dose of the product.
- It is easy to use and dissolve on its own.
- Reduced transport, handling & storage costs.



**Dose: Foliar Application: 10 Tablets per Acre in 200 litres of water.**



*Defining Agriculture with A Difference*

## The Effervescent Nano technology tablets for Agriculture

It is not just an effervescent PGR tablet — It combines the world's best technologies to deliver the best Innovation. Listing a few technologies that are combined to deliver you the best!

### **Biomimetic:**

**Kemagro** is one of the first companies to incorporate biomimetic technology in its products. We developed materials using biomorphic mineralization that have morphologies and structures resembling those of natural plant materials by using bio-structures as templates for mineralization. The substances produced through this process are required in Ultra Low volume as they mimic the plant's natural hormone system. These substances are facile, environmentally benign and economic. This stands the reason for achieving Low doses i.e 10 Tablets per Acre.

### **Micro Encapsulation:**

The tablets contain various natural plant material derived through the Biomimetic processes. Combining various substances in one media is not possible. Thanks to microencapsulation that we have managed to include different substances in one tablet. This has also provided us with the benefit of "Spray once — Get results twice" Microencapsulation enabled us to combine 3 to 4 different substances in one tablet. Some substances offer results after 48 hours while others offer results after 6 days, while some help to maintain the results to 15 to 20 days. Therefore when you spray Sunraysia's Tablet you see results twice while results remain for 15 to 20 days.

### **Nano-Technology:**

The particle size of the materials is broken down to Nano-particle size. This offers two benefits, a) It increases the efficacy manifold with the same amount of active ingredients. b) Many substances are not water soluble, but nano-technology changes the complete dynamics of the substances, secondly owing to nano-particle size it is easily absorbed through the leaf cuticles and ROOT system. The opening size of ROOT is about 5-6 microns while leaf cuticles opening are 2-3 microns. Many products available in the market (after dissolving in water) will not completely pass through 3-4 micron filter paper, resulting in 40%-50% absorption. Whereas after Sunraysia's Tablets solution will completely pass through the filter paper, indicating complete absorption in the plants.

### **Effervescent Technology:**

We have combined various other substances to achieve the effervescence in the tablets. Effervescent technology ensures that the tablet self-dissolves in water and ensures complete solubility of all the active ingredients.

### **Chelating Agents:**

By Chelating the Substances, it reduces the application doses considerably. The percentage of the active ingredients remain the same, but dose of the product reduces. We have developed some very innovative chelating agents through biomorphic mineralization that are helping us to reduce the doses to 50 grams per acre. So even if the active percentage remains the same the application rate is reduced by 10 times.

### **Immuno Defense:**

The various substances derived through biomimetic have many other advantages. The substance boosts the plant's immune system so much that there is a considerable reduction in the application of Fungicides. It greatly increases Plant's immune defense capacity, reducing pesticide application.



## Van Formula 1 Flowering Enhancer



### Benefits:

Triggers Senescence.

- ♦ Promote balanced growth and overall health of the plant.
- ♦ Promotes Cell division in plants.

Increases female flowering and fruit bearing capacity of plants.

♦ Shows considerable increase in yields, Plays an important role in pollen tube germination formation, metabolism and hormone activity.

- ♦ Improved fruit set and reduced fruit drop.

**Dose: Van Formula 1 must be diluted at 10 Tablets / 200 ltrs of water.**

## Van Duke Fruit Size Enhancer



### Benefits:

- ♦ Increased Fruit Size weight and yield.
- ♦ Improved fruit set and reduced fruit drop.
- ♦ Higher sugar (Brix) content. Enhanced colour, texture and shine of fruits. Uniformity in shape, size, and fruit quality.
- ♦ Ripens fruits and improves potency. Enhanced taste in fruits with a stronger fragrance.
- ♦ Higher protein and mineral content with higher total digestive nutrients (TDN). Increased shelf life to assist in export transportation.

**Dose: Van Duke must be diluted at 10 Tablets / 200 ltrs of water.**

## Van Aminos Amino Complex



### Benefits:

- ♦ Van Aminos promotes plant development during critical growth stages.
- ♦ Van Aminos increases concentration of chlorophyll in plant which leads to increase in photosynthesis.
- ♦ Flowering is stimulated which leads to better fruit setting, size and colouration of fruits.
- ♦ Increase in sugar content in fruits. It helps to increase crop yield and quality.

**Dose: Van Aminos Tablets must be diluted at 30 Tablets / 200 ltrs of water. Always spray during the cooler and more humid parts of the day.**

## Van Microsulf Sulfur Tablet



### Benefits :

- ♦ Provides Sulphur which is essential plant nutrient for plant growth. Helps in root nodule formation.
- ♦ It acts as an insecticide and fungicide.
- ♦ Helps in removal of unwanted salts from the soil.

**Dose: Van Microsulf tablet must be diluted 30 Tablets / 200 ltrs of water.**

## Van Roots Rooting Hormone



### Benefits:

- ♦ Promotes seed germination in a shorter time. Has a nature, which assists in soil wetting.
- ♦ Promotes soil structure improvement by stimulating fungi to create a crumb structure for better water and oxygen intake and improved root penetration. Non-toxic - microbe-friendly.
- ♦ Buffering against fertilizers leaching through soil Increased seedling vigor. 6. Increased drought tolerance. Buffering against high fertilizer salts and pH changes. Healthy root development.
- ♦ Helps in increasing yields. Reduces transplant shock.

**Dose: Van Roots must be diluted 30 Tablets / 200 ltrs of water.**

## Van Algen Seaweed Nutrient



### Benefits :

- ♦ Enhanced seed germination. Promotion of a healthy root system.
- ♦ Abundant produce. + Stronger resistance to disease.
- ♦ Rapid stem and shoot development. Contains maximum amount of nutrients as compared to other products.
- ♦ High concentration of Nutrients.

Non Toxic, Eco-friendly and Natural.

**Dose: Van Algen must be diluted 30 Tablets / 200 ltrs of water.**

## Van Micron Micronutrient



### Benefits:

- ♦ Fulfills micronutrient deficiencies in plants.
- ♦ Increases plant resistance to heat, stress and adverse weather.
- ♦ Prevents flower and fruit drops.
- ♦ Improves quality of fruits and provides longer shelf-life post harvest.
- ♦ Increases yield.

**Dose:** Dilute 30 Tablets / 200 ltrs of water/Acre. Dose may be changed depending upon the micronutrient deficiency and growth stages of plant.

## Van Silix Silica Nutrient



### Benefits:

- ♦ Provides nutrients and minerals to plants.
- ♦ Reduces water loss through transpiration. Increases plants' disease resistance capacity.
- ♦ Produces healthier and stronger plants.
- ♦ Increases food production capacity and yields.

**Dose:** Foliar application: Dilute 30 tablets (1 Tube) in 200 litres of water and apply per Acre.

## Van Borex Boron Supplement



### Benefits:

- ♦ Plays an important role in water uptake in plants.
- ♦ Reduces fruit splitting and provides tougher skin to fruits.
- ♦ Improves the texture of fruits and keeping quality.
- ♦ Increases disease resistance capacity.

Improves nutrient mobilisation.

**Dose:** Foliar application: Dilute 30 tablets (1 Tube) in 200 litres of water and apply per Acre.

## Van ProZinc Zinc Supplement



### Benefits:

- ♦ Provides nutrients and minerals to plants.
- ♦ Reduces water loss through transpiration. Increases plants' disease resistance capacity.
- ♦ Produces healthier and stronger plants.
- ♦ Increases food production capacity and yields.

**Dose:** Foliar application: Dilute 30 tablets (1 Tube) in 200 litres of water and apply per Acre.

## Van Actiron Iron Concentrate



### Benefits:

- ♦ Van Actiron Tablet contains Iron in soluble form which is one of the essential micronutrients.
- ♦ Iron is involved in chlorophyll production. It provides oxygen to the plants, therefore plants become green. It helps in energy production in plants by reducing nitrate and sulphate thereby making plant healthier. It prevents chlorosis (yellowing of plant leaves) in plants which is caused by iron deficiency.

**Dose:** Foliar application: Dilute 30 tablets (1 Tube) in 200 litres of water and apply per Acre.

## Van Nexus



### Benefits:

- ♦ Enhanced Germination. Seedling Vigour.
- ♦ Early Root Development.
- ♦ Stand Uniformity & Development.
- ♦ Stress Tolerance.

**Use:** Dissolve 1 Tablet in 1 litre water, Soak the Seeds in the Solution, Sun dry the seeds in early morning Sunlight and Sow.

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