



**PRODUCT INFO  
& DATASHEET**

## **SICOMER SOIL IMPROVER – K**

*Seaweed soil improver with enhanced potassium (K)*  
*- Origin: E.U. -*

### **1/ DESCRIPTION**

- \* SICOMER SOIL IMPROVER - K with enhanced potassium is derived from seaweed that has been used for centuries as one of the richest sources of natural manures.
- \* SICOMER SOIL IMPROVER - K is a powerful colloid supplying over 56 different essential elements for healthy growth. With the addition of moisture it helps to establish a fine tilth and crumb structure in all soils from clay to sandy types.
- \* SICOMER SOIL IMPROVER - K also supplies a unique gel medium that aids aeration and moisture and nutrient retention, enabling vigorous root growth and shoot emergence by alleviation of the soil. Healthy soil plays an important role for all grass situations. For all plant life to exist in good health, it is vital that there is a reasonable soil structure complemented with an adequate fertiliser program.

### **2/ TYPICAL ANALYSIS**

Calcium Oxide (CaO)	27300 ppm	Potassium Iodide (KI)	700 ppm
Potassium Oxide (K <sub>2</sub> O)	84000 ppm	Iron (Fe)	200 ppm
Nitrogen (N)	14690 ppm	Manganese (Mn)	38 ppm
Sodium Chloride (NaCl)	26000 ppm	Zinc (Zn)	42 ppm
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	5958 ppm	Copper (Cu)	4 ppm
Sulphur Trioxide (SO <sub>3</sub> )	11550 ppm	Boron (B)	1.1 ppm
Magnesium Oxide (MgO)	3575 ppm	Molybdenum (Mo)	1 ppm
Inorganic content	9.1%		
Moisture	25 - 27%		
Electroconductivity	15.5 mS/cm at 10% solution		
	3.8 mS/cm at 2% solution		

### **3/ ADVANTAGES**

- \* SICOMER SOIL IMPROVER - K has been developed for the enhancement of soil structure; helping to increase plant production and improving less than adequate soil conditions.
- \* SICOMER SOIL IMPROVER - K stimulates bacteria and micro-organisms in the soil, resulting in more rapid breakdown of organic matter and better control of thatch even in low pH conditions.

### **4/ APPLICATIONS**

- \* SICOMER SOIL IMPROVER - K can be applied at any time of the year except during frost. It is effective as an ingredient with sand or soil as a top dressing. It is ideal for use in golf green construction and very suitable as a base for turf laying.
- \* Construction: 1.5 kg per cubic metre soil.
- \* Surface application: 50 - 75 grams per square metre grass.