

## Plant Marshal 8000

Reg. No B5505 Act no.36 of 1947  
Fertilizer Group 2

Active ingredients :  
Potassium : 61.7 g/kg  
Si : 41.8 g/kg  
SG 1.29 @ 20 °C  
PH 11.45

### Why use Plant Marshal 8000?

- Plant Marshal 8000 increases the plant's resistance to pests and diseases and other stressors such as cold, heat and drought
- Toughens plant cell walls making it more difficult for invading pathogens
- Thicker cell walls reduces moisture loss
- Plant Marshal 8000 will increase leaf chlorophyll content and plant metabolism

This special formulated blend of silica is non-toxic and does not leave any residue of fungicides or insecticide residue on the environment or food. It is a perfectly natural, safe product to use.

### Application of Plant Marshal 8000:

It is formulated for both soil drench and foliar applications.

### Mixing instructions Plant Marshal 8000:

- Stir well before use.
- Fill the mixing tank  $\frac{3}{4}$  with water. Then add the required Plant Marshal 8000 as per table below.
- Mix well and apply asap.

### Compatibility:

Plant Marshal 8000 is highly alkaline so it is important to check compatibility with fertilisers and pesticides that may react negatively in a high pH spray solution. Any product label that carries a warning statement about mixing with alkaline substances or to buffer pH 5-6 are most at risk. Check product labels for mixing and compatibility statements and make pH adjustments with citric acid or phosphoric acid where appropriate.

Do not use Plant Marshal 8000 with herbicides.

Do not mix with magnesium, calcium, zinc or aluminum.

Type of plant	Rate of application	Notes
Soil & Drip or Hydroponic Nutrient solution	250 ml/1000ℓ	7 - 9 times per crop cycle. Maximum of 9 ℓ/ha.
Sugarcane, Vegetables, Cut flowers, Nursery, Strawberries, Wheat Annuals:	1.5-2.5 ℓ /ha or 250-450 ml /100ℓ	Foliar: Apply in a minimum of 650 ℓ water. Apply every 12-15 days from first visible leaf onwards. Apply to sugarcane during the lead-up to the dryer months. For best results apply first sprays before leaf hardening of crop.

Perennials: Tree crops, Vines, Bananas, grass	1.5-2.5 l/ha or 250-400 ml/100l	Foliar: Apply in a minimum of 650l of water. Apply during leaf flush and after fruit set and every 12-14 days during disease events.
Potatoes	2.2 l/ha	Apply every 7 days
Carrots	2.2 l/ha	Apply every 7 days
Tomatoes	2.2 l/ha	Apply 8 days after emergence repeat every 8-12 days
Grapes	1.1 l/ha	Apply 8 days after emergence repeat every 8-12 days
Strawberry	1.2 l/ha	Apply at planting and reapeat every 8 days
Cabbage	1.2 l/ha	Apply 8 days after emergence repeat every 8-12 days
Soybeans	0.6 l/ha	First application between 16 and 30 days repeat upon flowering
Sugarcane	1.6 l/ha	First applications 42 to 46 days repeating 35 days later
Peppers	2.1 l/ha	Apply 8 days after emergence repeat every 8-12 days
Wheat	0.6 l/ha	First application 26-32 days repeating at flag leaf and awns stage.
Garlic	1.2 l/ha	Apply 8 days after emergence repeat every 8-12 days
Onions	1.2 l/ha	Apply 8 days after emergence repeat every 8-12 days

Trees crops eg avocados or citrus:  
Add Plant Marshal 8000 as a root zone application  
Apply 7 liters per tree every 70 days  
The mix ratio must be 450 ml per 120l of water.

### **Safety:**

Plant Marshal 8000 is highly alkaline and should be treated like any other high alkaline substance.  
KEEP OUT OF REACH OF CHILDREN.

Plant Marshal 8000 will cause irritation to eyes and skin. When handling appropriate eye and skin protection should be worn including safety glasses and impervious gloves.

First Aid: If swallowed seek advice from Poisons Information Centre  
DO NOT INDUCE VOMITING.

If contact with eyes, rinse immediately with plenty of water and seek medical advice.

Do not inhale the spray or mist.

Avoid contact with the skin and eyes.

Read label before use, use only as advised by manufacturer.

Have product container label at hand if medical attention is required.

Keep away from animal and foodstuff.

**Note:**

Do not apply foliar sprays on open blooms of daisies, geranium, petunias or pansies.  
Do not apply sprays less than 8 days apart and more than 9 liters per hectare of spray.  
Do not apply more than 45 l/ha/season.

**Warnings:**

Do not store in Plant Marshal 8000 in direct sunlight.  
Do not store at temperatures above 50°C  
At temperature of 0°C or below Plant Marshal 8000 may form a gel that is difficult to desolve, but will become a liquid again when temperature rises.  
Do not store in copper, brass, aluminium or galvanized containers.  
Can damage glass.  
Keep separate from ammonium salts, acids or reactive metals.  
Do not store the mixed product in spray tank overnight - apply as soon as possible.