



## Shiman Multi-P 2:1:2(44)

\*= EDTA chelated

Total N	P	K	Mg	Fe*	Mn*	Zn*	Cu*	B	Mo
g/kg	g/kg	g/kg	g/kg	g/kg	g/kg	g/kg	g/kg	g/kg	g/kg
189	84	171	1.00	1.68	0.40	0.20	0.03	0.50	0.05

### FERTILIZER GROUP 1

Registration number **K 8650** Act 36 of 1947

Mass

**25kg**

### SHIMAN (PTY) LTD

Reg No.2005/004200/07 VAT No 4670221649

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# Shiman Multi-P 2 : 1 : 2 (44)



FERTILIZER GROUP 1

Reg. No. K 8650

Act 36 of 1947

A balanced water soluble fertilizer, suitable for both foliar and fertigation applications.  
Shiman Multi-P 2:1:2 (44) formulation is high in Phosphate for optimal root development in young plants.

## **WARNING**

This product contains **Boron**.

**Do not use with Lime Sulphur, Bordeaux mixture or Copper containing products.**

## **COMPATIBILITY:**

Shiman Multi-P 2:1:2 (44) is compatible with most agricultural chemicals except alkaline chemicals such as lime sulfur and copper mixtures. It is advisable to consult the recommendations of the manufacturer or to do a small compatibility test, before Shiman Multi-P 2:1:2 (44) is mixed with other chemicals.

## **PRODUCT INFORMATION:**

Shiman Multi-P 2:1:2 (44) is a concentrated, water soluble fertilizer with EDTA Chelated micro nutrients and is suitable for both Foliar and Fertigation applications.

Shiman Multi-P 2:1:2 (44) is a balanced formulation for optimum root development of seedlings and enhancing flower and fruit development in bearing plants.

**DIRECTIONS FOR USE: Only use this product according to the directions on the label.**

Shiman Multi-P 2:1:2 (44) can be used for Fertigation or to supplement normal fertilizer programs as a foliar application during periods of nutrient deficiency. Shiman Multi-P 2:1:2 (44) can be applied via Fertigation systems, sprayers or watering cans.

- **Fertigation:** apply on a daily or weekly basis depending on growing conditions or plant requirements.
- Depending on the crop, use in combination with other specialized water soluble nutrients, such as MgNO<sub>3</sub> and CaNO<sub>3</sub> for a complete balanced fertigation program.
- **Foliar:** apply at 10 to 14 day intervals.
- Use sufficient water for a full cover spray to point of run-off (100ℓ – 500ℓ water per ha).
- Apply early morning or late afternoon, when the leaf tissue has maximum content and when there is no moisture or temperature stress.

## **APPLICATION RATES:**

CROP	FOLIAR	FERTIGATION
<b>Field Crops:</b> Potatoes, Cotton, Dry beans, Peas, Sweet Corn, Maize, Lucerne, etc.	<b>4 to 6 kg / ha</b>  Start applying 30 to 40 days after germination. Repeat at 10 to 14day intervals. Apply as a full cover spray in 100 to 500 liters water per hectare.  Reduce the rate to half when foliar spraying on the row only  For aerial application apply in 25 to 40 liters of water per hectare.	<b>250g to 2 000g per 1 000ℓ water</b>  Depending on growth stage and fertigation frequency.  <i>[Young plants: 250g-500g / 1 000ℓ water</i> <i>Older plants:500g-1000g / 1 000ℓ water</i> <i>Full production:1 000g-2000g / 1 000ℓ water]</i>  * * *  <i>[Daily feeding: Lower rate</i> <i>Weekly feeding: Higher rate]</i>

CROP	FOLIAR	FERTIGATION
<p><b>Vegetable Crops:</b></p> <p>Tomatoes, Cabbage, Pumpkin, Onions, Green beans, Potatoes, Carrots, etc.</p>	<p><b>4 to 6 kg / ha</b> Or <b>200g per 100ℓ water</b></p> <p>Start applying 14 to 21 days after transplanting or 28 days after emergence. Repeat at 10 to 14day intervals. Apply as high, medium, low volume or aerial spray.</p>	<p><b>250g to 2 000g per 1 000ℓ water</b></p> <p>Depending on growth stage and fertigation frequency</p> <p><i>[Young plants: 250g-500g / 1 000ℓ water</i> <i>Older plants:500g-1000g / 1 000ℓ water</i> <i>Full production:1 000g-2000g / 1 000ℓ water]</i></p> <p>* * *</p> <p><i>[Daily feeding: Lower rate</i> <i>Weekly feeding: Higher rate]</i></p>
<p><b>Tunnel Production: (In soil)</b></p> <p>Tomatoes Peppers Cucumbers</p>	<p><b>4 to 6 kg / ha</b> Or <b>200g per 100ℓ water</b></p> <p>Start applying 14 to 21 days after transplanting or 28 days after emergence. Repeat at 10 to 14day intervals. Apply as high, medium, low volume or aerial spray.</p>	<p><b>1 000 to 1 250g/ 1 000ℓ water</b></p> <p>Start applying at 14 to 21 days after transplanting or 28 days after emergence. Apply daily with first watering period. Switch to <b>Shiman Supa-K 3:1:6(44)</b> at first flowering. It is essential to apply additional calcium and magnesium.</p>
<p><b>Citrus:</b></p> <p>Newly established and young orchards:</p>	<p><b>2 kg / 100ℓ water</b></p> <p>Apply a minimum of 250ℓ solution/ha as a high volume spray at 10 - 14 day intervals</p>	<p><b>5 kg / ha per week</b></p> <p>Apply weekly, for four months.</p>
<p><b>Deciduous Fruit &amp; Vines:</b></p> <p>Newly established and young orchards:</p>	<p><b>1 kg / 100ℓ water</b> Or <b>200g per 20ℓ water</b></p> <p>Commence spraying when shoots are 10-15 cm long and again immediately after harvest. Apply as a high volume spray at 2500 – 4000ℓ per ha.</p>	<p><b>5 kg / ha per week</b></p> <p>Apply weekly, for four months.</p>
<p><b>Lawn / Turf:</b></p>	<p><b>4 to 6 kg / ha</b> Or <b>200g per 100ℓ water</b></p> <p>Start applying 14 to 21 days after transplanting or 28 days after emergence. Repeat at 10 to 14day intervals. Apply as high, medium or low volume spray.</p>	<p><b>1 000 to 1 250g/ 1 000ℓ water</b></p> <p>Start applying 14 to 21 days after transplanting or 28 days after emergence</p>
<p><b>Home gardens &amp; Ornamentals:</b></p> <p>Flowerbeds, Seedlings, Potted Plants, Lawns, etc.</p>	<p><b>1 spoon (5 g) per 2ℓ water.</b> Apply every 10 – 14 days.</p>	<p><b>Daily:</b> Dissolve 1 spoon (5 g) in 5ℓ of water (equivalent to 100 g / 100ℓ) and serve through the irrigation system. <b>Weekly:</b> Dissolve 1 spoon (5 g) in 2ℓ water and apply. Water well after application.</p>

**WETTING AGENTS:**

The use of a suitable surfactant is recommended to assure maximum coverage and penetration of waxy leaf surfaces.

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