



# Shiman Poly-N 6:1:3(45)

\*= EDTA chelated

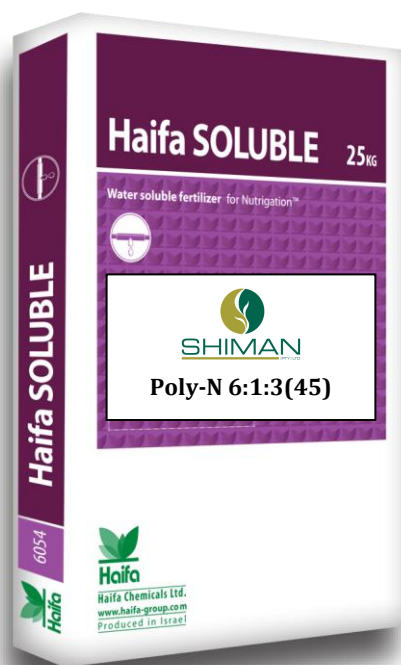
Total N	P	K	Mg	Fe*	Mn*	Zn*	Cu*	B	Mo
g/kg	g/kg	g/kg	g/kg	g/kg	g/kg	g/kg	g/kg	g/kg	g/kg
270	45	137	1.00	1.68	0.40	0.20	0.03	0.50	0.05

## FERTILIZER GROUP 1

Registration number **K 8649** Act 36 of 1947

Mass

**25kg**



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# Shiman Poly-N 6 : 1 : 3 (45)

FERTILIZER GROUP 1

Reg. No. **K 8649**

Act 36 of 1947

A balanced water soluble fertilizer, suitable for both foliar and fertigation applications.

Shiman Poly-N 6:1:3 (45) formulation is high in Nitrogen for use on established plants with higher Nitrogen requirement.

## **WARNING**

This product contains **Boron**.

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

## **COMPATABILITY:**

Shiman Poly-N 6:1:3 (45) 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 Poly-N 6:1:3 (45) is mixed with other chemicals.

## **PRODUCT INFORMATION:**

Shiman Poly-N 6:1:3 (45) is a concentrated, water soluble fertilizer with EDTA Chelated micro nutrients and is suitable for both Foliar and Fertigation applications.

Shiman Poly-N 6:1:3 (45) is a balanced formulation for crops with high Potassium requirements, especially during fruiting period.

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

Shiman Poly-N 6:1:3 (45) can be used for Fertigation or to supplement normal fertilizer programs as a foliar application during periods of nutrient deficiency. Shiman Poly-N 6:1:3 (45) 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.	<p style="text-align: center;"><b>4 to 6 kg / ha</b></p> <p>Apply during high Nitrogen requirement stage with 7 to 14day intervals.            Apply as a full cover spray in 100 to 500 liters water per hectare.</p> <p>Reduce the rate to half when foliar spraying on the row only</p> <p>For aerial application apply in 25 to 40 liters of water per hectare.</p>	<p style="text-align: center;"><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            Older plants: 500g-1000g / 1 000ℓ water            Full production: 1 000g-2000g / 1 000ℓ water]</i></p> <p style="text-align: center;">* * *</p> <p><i>[Daily feeding: Lower rate            Weekly feeding: Higher rate]</i></p>

CROP	FOLIAR	FERTIGATION
<b>Vegetable Crops:</b> Tomatoes, Cabbage, Pumpkin, Onions, Green beans, Potatoes, Carrots, etc.	<p><b>4 to 6 kg / ha</b></p> <p>Apply during high Nitrogen requirement stage with 7 to 14day intervals. Apply as a full cover spray in 100 to 500 liters water per hectare.</p> <p>Reduce the rate to half when foliar spraying on the row only</p> <p>For aerial application apply in 25 to 40 liters of water per hectare.</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>
<b>Tunnel Production: (In soil)</b> Tomatoes Peppers Cucumbers	<p><b>4 to 6 kg / ha</b>  <b>Or</b>  <b>200g per 100ℓ water</b></p> <p>Start applying during period of high Nitrogen requirement. Repeat at 7 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 <b>Shiman Poly-N 3:1:6(45)</b> during period of high Nitrogen requirement. Apply daily with first watering period. It is essential to apply additional calcium and magnesium.</p>
<b>Citrus:</b> Established orchards:	<p><b>1 kg - 2 kg / 100ℓ water</b></p> <p>Apply a minimum of 4 000ℓ solutions/ha as a high volume spray. Repeat if necessary</p>	<p><b>(Young trees) 5 kg/ha weekly</b> Over a period of 4 months.</p> <p><b>(Mature trees) 12.5 kg/ha weekly</b> During spring and early summer.</p>
<b>Deciduous Fruit</b> Established orchards:	<p><b>500g / 100ℓ water</b></p> <p>Apply a minimum of 2 500ℓ solution/ha as a high volume spray. Repeat if necessary</p>	<p><b>(Young trees) 5 kg/ha weekly</b> Over a period of 4 months.</p> <p><b>(Mature trees) 12.5 kg/ha weekly</b> During spring and early summer.</p>
<b>Lawn / Turf:</b>	<p><b>4 to 6 kg / ha</b>  <b>Or</b>  <b>200g per 100ℓ water</b></p> <p>Apply during early part of the season during for rapid growth 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>Apply during early part of the season, during fast growing period.</p>
<b>Home gardens &amp; Ornamentals:</b> Flowerbeds, Seedlings, Potted Plants, Lawns, etc.	<p><b>1 spoon (5 g) per 2ℓ water.</b>            Apply every 10 – 14 days.            Apply during early part of the season.</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.