

# OptimaStim All-in-One Application Guide

## OptimaStim – Give Your Crops the Boost They Deserve

Struggling with heat, drought, or tough growing conditions? OptimaStim keeps your crops strong, healthy, and productive all season long. Applied via foliar spray or drip irrigation, it keeps plants performing at their best.

## How to Apply

- **Foliar Spray:** 2–4 ml per liter of water.
- **Drip Irrigation:** 2–4 ml per liter of irrigation water.
- **Frequency:** Every 2 weeks (10–14 days), or more often during stress.
- **Pro Tip:** Apply early in the morning or late in the afternoon when temperatures are below 30 °C.

**Conversion Tip:** For example, for 1000 L/ha spray volume at 3 L/ha application rate, mix **3 L OptimaStim in 1000 L of water**.

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# 1. Crop Recommendations & Dosage

Crop Type	Application Rate	Spray Volume	Timing	Key Benefit	Suitable Environment
Leafy Vegetables (Lettuce, Spinach, Kale, etc.)	2.4–3 L/ha	800–1000 L/ha	2–3 weeks before expected stress; repeat every 2–3 weeks	Lush, productive leaves	Outdoor & Greenhouse
Fruiting Vegetables & Cucurbits (Tomatoes, Peppers, Eggplants, Cucumbers, Zucchini, Melons)	3–4 L/ha	1000–1200 L/ha	Every 2 weeks during stress or heavy fruiting	Bigger, healthier fruits	Outdoor & Greenhouse
Herbs (Basil, Mint, Parsley, Dill)	2–3 L/ha	600–1000 L/ha	Every 2 weeks in hot weather	Rich flavor and aroma	Outdoor & Greenhouse
Fruit Trees	5–9 L/ha	1000–2000 L/ha	2–3 weeks before stress; repeat every 2–3 weeks	Strong blossoms and fruit set	Outdoor & Greenhouse
Ornamentals (Gerbera, Roses, Poinsettia)	2.5–5 L/ha	800–1500 L/ha	Every 2 weeks during stress	Vibrant flowers and foliage	Outdoor & Greenhouse
Small Fruits & Cherries	3–5 L/ha	1000–1500 L/ha	Every 2 weeks during stress	Better fruit size and quality	Outdoor & Greenhouse
Potato & Field Crops	3–5 L/ha	1000–1500 L/ha	Every 2 weeks during stress	Healthy growth and tubers	Outdoor & Greenhouse
Strawberries & Small Fruits	3–5 L/ha	1000–1500 L/ha	Every 2 weeks during fruit set and ripening	Larger berries, richer flavor, improved shelf life	Greenhouse
Leafy Vegetables (for faster recovery)	2.5–3 L/ha	800–1000 L/ha	Every 2–3 weeks	Faster heat-stress recovery	Greenhouse
Fruiting Vegetables (after pruning/harvest)	3–4 L/ha	1000–1200 L/ha	Every 2 weeks	Uniform fruits, improved color	Greenhouse

**Note:** Results may vary depending on crop management practices and other factors outside the manufacturer’s control.

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## 2. Benefits

### Outdoor Crops

- Protects against heat, drought, and unpredictable weather.
- Promotes strong roots and stems for field crops and trees.
- Produces larger fruits, tubers, and grains.
- Boosts natural immunity.
- Enhances sugar content, color, and firmness.

### Greenhouse Crops

- Promotes faster growth under controlled conditions.
- Improves nutrient uptake efficiency.
- Produces stronger leaves and fruits with longer shelf life.
- Reduces stress from temperature and humidity changes.
- Enhances flavor, aroma, and visual quality.

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## 3. Fertigation & Irrigation Tips

- Apply OptimaStim in a separate tank from  $\text{Ca}^{2+}$ / $\text{Mg}^{2+}$  fertilizers.
- Maintain balanced potassium (K) and phosphorus (P) levels.
- Apply after pruning or major harvest cycles for maximum effect.
- Keep applications consistent for best results.

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## 4. Farmer Success Tips

- Shake well before use.
  - Apply **before or at the first signs of stress**, not after severe stress.
  - Apply regularly every 2 weeks during harsh conditions.
  - Early morning or late afternoon is best.
  - Foliar spray works best when applied directly to stressed areas.
  - Maintain nutrient balance when mixing with fertilizers.
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## 5. Safety & Storage

- Wear gloves, goggles, long sleeves, and pants.
  - Keep out of reach of children.
  - Avoid contact with skin, eyes, and clothing.
  - Store in a cool, shaded area away from sunlight.
  - Dispose of according to local regulations.
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