



# STIMPLEX™ APPLICATION GUIDELINES

## Fruit and Vegetable Crops

**STIMPLEX™** contains a multitude complex matrix of plant nutrients, trace elements, carbohydrates, amino acids and other plant growth stimulants. **STIMPLEX™** is designed to increase crop production when used in conjunction with a well-balanced crop nutrition program.

**COMPATIBILITY:** **STIMPLEX™** can be tank mixed (unless prohibited) with foliar fertilizers. Test the compatibility of the intended tank mixture before use. Add the proportionate amounts of each diluted ingredient to a jar. Cover, shake and let stand 15 minutes. Formation of precipitates that do not readily disperse indicates an incompatible mixture.

**STORAGE & HANDLING:** This product should be stored in a cool place out of direct sunlight. Keep from freezing. Do not contaminate water, food or feed by storage or disposal.

**DIRECTIONS FOR USE:** Use this product in a manner consistent with its labeling. Read, understand and follow the precautions and directions on the labeling before using.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your area, consult the agency responsible for pesticide regulation.

**STIMPLEX™** is most effective when used as part of a regular foliar nutritional spray program and can be applied with any standard fertilizers or crop protection spray systems. The foliar spray mixture should be applied as a fine mist, with low fluid velocity until the foliage is wet. Where common, a biodegradable surfactant can be used.

Do not spray just prior to and after rainfall. Apply in calm weather conditions, preferably in early morning or in the evening. A foliar spray mixture of 250 to 1,000 litres of water per hectare is generally sufficient. The volume of water may vary depending on equipment used, hectares to be covered and size of plants.

For large areas where aircraft or power driven sprayers are used to apply spray, follow the specific crop usage rates below. Apply with sufficient water to get thorough foliage coverage.

The suggested rates and dosages for foliar applications of **STIMPLEX™** may be adjusted depending on the climatic region, soil type and fertility. For best results increase the frequency of applications rather than the concentration of the spraying solution. Additional applications can be made as required and / or immediately prior or following stress periods such as frost or drought.

## FRUIT APPLICATION RATES AND STAGES

Fruit	Dosage per Application	Foliar Application Stages				
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	Optional
<b>Apples, Pears</b>	3.0 to 3.5 litres per hectare	Green tip (tight cluster)	Pre-bloom (pink bud)	Full-bloom	Early fruit formation	Every 21 days until harvest
<b>Citrus</b>	3.5 to 4.0 litres per hectare	Early bloom	Petal fall	With summer spray	With fall spray	6 to 8 weeks prior to harvest
<b>Grapes</b>	2.5 to 3.0 litres per hectare	At 20 to 30cm cane	At 46 to 61cm cane	Full bloom	Berry set / early shattering	2 to 3 weeks later
<b>Stone Fruit</b>	3.0 to 3.5 litres per hectare	Pink or white bud	Full bloom	Early fruit formation	3 weeks later	3 weeks later
<b>Strawberries Annual</b>	2.0 to 2.5 litres per hectare	Prior to transplant	At first bloom	At first fruit set	Every 3 to 4 weeks to mid-point in harvest season	
<b>Strawberries Perennial</b>	2.0 to 2.5 litres per hectare	Early spring	At first bloom	At first fruit set	Every 3 to 4 weeks to mid-point in harvest season	

## VEGETABLE APPLICATION RATES AND STAGES

Vegetable	Dosage per Application	Foliar Application Stages			
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	Optional
<b>Beans, Peas</b>	2.0 to 3.0 litres per hectare	At 4 to 6 leaf stage	At first bloom	At first pods	
<b>Carrots, Onions</b>	2.5 to 3.0 litres per hectare	2 to 3 weeks after emergence	At root enlargement	Every 10 to 14 days until harvest	
<b>Cucumbers, Pickles</b>	2.5 to 3.5 litres per hectare	At first 4 true leaves	First pre-bloom stage	7 to 14 days later	Within 48 hours of each picking
<b>Peppers</b>	3.0 to 3.5 litres per hectare	At 15 to 20cm growth	Pre-bloom stage	At fruit set	Within 48 hours of each picking
<b>Melons</b>	3.0 to 3.5 litres per hectare	At 15 to 20cm growth	Pre-bloom stage	At fruit set	Within 48 hours of each picking
<b>Greens</b>	2.5 to 3.0 litres per hectare	At 4 leaf stage	Regularly every 14 days		
<b>Potatoes</b>	2.5 to 3.0 litres per hectare	At tuber set	10 to 14 days later	Early bloom	
<b>Tomatoes: Processing Variety</b>	3.0 to 3.5 litres per hectare	At 15 to 20cm growth	First pre-bloom	First fruit set	14 days later
<b>Tomatoes: Fresh Market Variety</b>	3.0 to 3.5 litres per hectare	At 15 to 20cm growth	First pre-bloom	First fruit set	Within 48 hours of each picking

Note: For application rates and stages on fruit and vegetable crops not listed above, consult your local dealer or contact Acadian Seaplants directly.