

## ACADIAN® SSE

is a pure extract of fresh *Ascophyllum nodosum* seaweed which is a storehouse of over 60 naturally occurring major and minor nutrients and amino acids. These active ingredients include such trace minerals as boron, molybdenum, copper, iron, zinc, manganese, silicon, and cobalt, which are chelated in a natural form. Acadian® SSE also contains low concentrations of naturally occurring growth promoting substances such as Cytokinins, Auxins and Gibberellins. Used frequently during the growing period Acadian SSE will enhance plant root and stem development, as well as colour and general vigor.

### COMPATIBILITY

Acadian® SSE is compatible with most foliar applied insecticides, fungicides and fertilisers. Some pH adjustment may be required with acidic mixtures. Use with surfactants other than Synertröl Oil® is not recommended. When interaction is unknown a "jar" compatibility test is recommended.

### STORAGE & HANDLING

Always reseal bag and container immediately after use to prevent moisture contamination. Store in a dry location away from direct sunlight. Avoid spillage on floor surfaces as product becomes very slippery when mixed with water and may create a hazard.

### DIRECTIONS FOR USE

**Note:** Always use a dry measuring container. To convert dose rate from grams of product to millilitres multiply by a factor of two.

**Foliar Applications:** Add the required amount of SSE to a bucket, add water (1:1) to form a slurry and then add Synertröl Oil® while stirring. Synertröl Oil® will improve coverage and adherence of SSE on the target surface. Half fill spray tank of water, begin agitating and gradually add recommended amount of SSE with remainder of water and spray solution. The foliar spray should be applied as a fine mist, until foliage is wet. For best results, apply in early morning or late evening.

**Irrigation Water Applications:** SSE can be applied through your irrigation system by injection of dissolved powder (10L/1kg of SSE) into the irrigation water. Rate recommendations provided in application guide should be followed.

**Seed treatment:** To apply as a seed treatment, apply SSE at the rate of 5gm/10L water, prior to planting; or apply directly to seed bed at the rate of 2.0 gm/10L water.

**Rooting/Transplant Solution:** For use as a rooting medium, use SSE at the rate of 2 gm/10L water; to use at the time of transplanting dip roots in a solution of 5gm/10L water.

**Note:** Because Organic Crop Protectants Pty Ltd has no control over the handling, storage or use of ACADIAN SSE, the company makes no expressed or implied representations or warranty (other than non-excludable statutory warranties). This product is sold on the condition that the buyer and/or user assumes all risk of the handling and use of ACADIAN® SSE as well as the results obtained from its use.

Manufactured for Organic Crop Protectants P/L, 42 Halloran St, Lilyfield, NSW, 2040, A.C.N. 003 149 719 by Acadian Seaplants Limited, 30 Brown Ave, Dartmouth, Nova Scotia, Canada B3B 1X8

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## 100% SOLUBLE SEAWEED EXTRACT

(N:1.1 P:0.65 K:13.0)

- Encourages Deeper, Healthier Root Systems
- Improves Stress Tolerance Levels in Foliage, Fruit and Flowers by enhancing carbohydrate reserves.
- Promotes maximum Crop Yield, Quality & Vigor Potentials



**WORKING FOR YOU BY WORKING WITH NATURE**

## ACADIAN® SEAPLANTS SOLUBLE SEAWEED EXTRACT - CROP APPLICATIONS

Home Gardens: Level scoop will provide 10L of solution.

FRUIT	Dosage per Application Note: 1gm=2ml	Foliar Application Stages				
		1st	2nd	3rd	4th	OPTIONAL
Apples, Pears	600-750 gm/ha	Green tip (tight cluster)	Pre bloom /pink bud	Full-bloom	Early fruit formation	Every 21 days until harvest
Citrus	1.1-1.4kg/ha.	Early bloom	Petal fall	With Summer spray	With Autumn spray	6-8 weeks prior to harvest
Grapes	600-750 gm/ha.	At 20-30cm cane	At 45-60cm cane	Full bloom	Berry set/early shattering	2-3 weeks later
Stone Fruit	750gm /ha.	Pink or white bud	Full Bloom	Early fruit formation	3 weeks later	3 weeks later
Strawberries: Annual Crop	600-750 gm/ha.	Prior to transplant	At first pre-bloom	At first fruit set	Every 3-4 weeks to mid point in harvest season	
-Perennial Crop	600-750 gm/ha	Early Spring growth				

VEGETABLES 600-750gm/ha.1gm=2ml	Foliar Application Stages			
	1st	2nd	3rd	OPTIONAL
Beans, Peas	At 4-6 leaf stage	At first bloom	At first pods	
Carrots, Onions, Leeks, Turnips	2-3 weeks after emergence	At root enlargement	Every 10-14 days until harvest	
Broccoli, Cauliflower, Cabbage	At 4-6 true leaf stage	10-14 days later	At head initiation	
Sweet Corn	At 2-8 leaf stage	At 50-75 cm growth	Just prior to tasselling	
Cucumbers, Pickles	At first 4 true leaves	First pre bloom	7-14 days later	Within 48 hours of each picking
Eggplant, Capsicums, Melons, Squash	At 15-20cm growth	Pre bloom stage	At fruit set	Within 48 hours of each picking
Greens: Lettuce etc.	At 4 leaf stage	Regularly, every 14 days		
Potatoes	At tuber set	10-14 days later	Early bloom	
Tomatoes: Processing varieties	At 15-20cm growth	At first pre-bloom	At first fruit set	14 days later
Tomatoes: Fresh market varieties	At 15-20cm growth	At first pre bloom	At first fruit set	Within 48 hours of each picking

Irrigation Water Application to Processing Tomatoes	Dosage per Application: 11kg/ha.	1st	2nd	3rd
			At lay-by (First bloom)	At full bloom

TURF	Dosage per Application: 750gm-1kg/ha.	Start foliar applications at initial growth stage and continue at 3-4 week intervals. Make additional applications after periods of stress or heavy use, to newly applied sod, seed or stolons and as a late season spray to help improve resistance to winter kill & frost damage.