

DIRECTIONS FOR USE: Super Fifty® is a liquid seaweed concentrate designed for foliar and fertigation with excellent solubility. Suitable for fruits, vegetables and field crops. Regular application can maximize crop potential during unexpected stress.

Crops	Pints /acre	Foliar application rates and timings			
		First	Second	Third	Fourth
Tomatoes, Peppers, Eggplant	2	21-28 days old seedlings	7-10 days later	Pre-bloom	Fruit initiation stage
Cucumber, Pumpkin, Melons	2	At 3-5 leaf stage	Pre-bloom	First fruit on stem	7 days later
Potatoes, Sweet potatoes	2	Tuber initiation	Tuber set	Later flowering stage	
Cabbage, Broccoli, Cauliflower	2	6-8 true leaf stage	10-14 days later	At early head formation	
Onions, Garlic, Shallots, Leeks	2	At 2 nd and 3 rd true leaves	Start of bulbing	Bulb swelling	
Beans, Lentils, Peas, Soybean	2	9 or more leaf stage	Pre-bloom	Early pod stage	
Carrots, Beets, Radish, Turnip	2	4-6 leaf stage	8-10 leaf stage	Root expansion stage	
Lettuce, Celery, Spinach, Parsley	2	14-21 days seedlings	7 days later	35 days old plant	
Rice, Barley, Sorghum, Oats	2	Early tillering stage	Inflorescence emergence	Start of flowering	
Alfalfa, Pasture, Forage	2	2-4" crop height	7 days later	7 days after first cut	
Cotton	2	3-4 leaf stage	Just before flower initiation	Early boll development stage	
Winter Wheat, Spring Wheat	2	5 leaf stage	First node stage	Flag leaf stage	
Maize, Sweet corn	2	5 leaf stage	8 leaf stage	Just prior to tasselling	
Oilseed rape (canola)	2	4-5 leaf stage	First flower open stage		
Greenhouse crops & Ornamentals	1-2	Every 14 days and after every cut or new bud.			
Fertigation/soil applications	2	Start the application at the early stage of new root growth and follow timings as above.			
Fruit crops & Nuts		First	Second	Third	Fourth
Blueberry, Currant, Gooseberry	2	Pre-bloom	Petal fall	Every 7 days during fruit sizing	Apply as fruit changing colour
Pear	2-3	Visible flower buds	Early bloom	1 week post petal fall	At ½ to 1" fruit size
Apple	2	At the pre-pink bud stage	Before first king bloom	At ½" fruit size	2-4 weeks pre-harvest
Plums, Peaches, Apricots,	2	Pink or white bud	Bloom	Shuck fall (Jacket fall)	Fruit sizing, At ¼-½" fruit size
Table grapes	2	8" shoot growth	Post-flowering	At bunch closure	At veraison (fruit changing colour)
Wine grapes	2-3	Cluster elongation stage	Post-bloom	Post calyptra fall	Apply at pre-veraison
Kiwi	2-4	Visible flower buds (4 pints)	Late petal fall (2 pints)	Fruit set (2 pints)	Prior to summer heat (2 pints)
Citrus (Lemon, Orange etc.)	2	Start of spring growth	Early bloom	Petal fall	10 days later
Almonds	2-3	Visible flower buds (2 pints)	Petal fall (3 pints)	Post shuck fall (2 pints)	Before fruit expansion (2 pints)
Avocados	2	Spring re-growth	Pre-bloom	Petal fall	Twice, every 10 days (summer)
Pistachios	2	Late bud burst (pre-bloom)	Fully leafed-out stage	Nut shell hardening (early nut fill)	Nut enlargement (70% nut fill)
Walnuts, Hazelnuts, Pecans	2	Beginning of bloom	7.5% fruit weight inside the shell	14 days later (fruit filling stage)	28 days after the 2 nd application
Cherries	2	Petal fall	Shuck fall (Jacket fall)	Straw-yellow colour stage	
Berries (Strawberries, Raspberries)	2	Pre-bloom	Full bloom	Weekly application during fruit sizing (mid-summer/until first harvest)	

BROADCAST APPLICATION: Application rates should be adjusted based on plant size and leaf area. Use enough water for good spray coverage. Optimal dilution rate for foliar applications is 0.4% v/v (e.g. 2 pints in 60 gallons of water per acre). **SMALL VOLUME SPRAY:** Dilute 2.7 fl. oz. in a 5 gallons sprayer machine. Apply as fine mist and ensure sufficient foliar coverage.

APPLICATION RECOMMENDATIONS: Shake the product well before opening. Avoid extreme daytime temperature or extremely strong sunshine during the application. **Compatibility:** Product is compatible with most insecticides, fungicides and fertilizers. Determine the compatibility by utilizing a small volume test (e.g. bucket test). To avoid precipitation while tank mixing with highly acidic or calcium rich chemicals, one must dilute the chemicals thoroughly in water and subsequently add the product at the end into the diluted chemical solution by mixing. **Storage:** store above 5°C and away from direct sunlight.

SuperFifty based stress management in crops: SuperFifty is proven for abiotic stress (e.g., drought, cold and heat) reduction in crops. Applying SuperFifty 3-5 days prior to any stress event in a crop season will enable the crop to respond more efficiently and mitigate the damage. Note: In some management practices, stress is used to induce flowering or colour break. It is advisable not to use SuperFifty during this period.

CAUTION: KEEP OUT OF REACH OF CHILDREN. Avoid breathing dust/fumes/gas/mist, vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. If skin irritation occurs get medical advice/attention. **Seller's Guarantee:** Seller's guarantee shall be limited to the terms set out on the label and subject thereto. Results may vary. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on those conditions. Information regarding the contents and level of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>



SuperFifty® 0-0-8

**A super concentrated extract of *Ascophyllum nodosum*.
Proven to reduce free radicals and mitigate abiotic stress in crops.**

ENHANCES

- PERFORMANCE
- MARKETABLE GRADE
- ROOT GROWTH

Guaranteed minimum analysis:

Soluble Potash (K₂O): 8%
Derived from: Seaweed
(*Ascophyllum nodosum*)
and KOH (4.17lbs minimum dry matter content per gallon)

Net Content: 2.75gal/10.41L
Net Weight: 28.2lbs/12.8 kg
Density: 10.3lbs per gal

Manufactured by BioAtlantis Ltd.,
Clash Industrial Estate, Tralee,
Co. Kerry, Ireland
T: +353 (0) 66 711 8477
www.bioatlantis.com

Product of Ireland



Suitable for organic farming in compliance with Council Regulations (EC) 834/2007. Inspected by ECOCERT SA F-32600