



Seasol Plus Iron

TECHNICAL INFORMATION



THE ULTIMATE IRON BOOSTER

Seasol Plus Iron is a superior combination of Australia's finest seaweed concentrate and chelated iron. It has all the benefits of Seasol, with a maintenance dose of iron to help in preventing or overcoming chlorosis. Seasol Plus Iron applied regularly improves growth and maintains a plants iron requirements to maximise it's productive potential.



Seasol Liquid
Seaweed extract



Chelated
Iron

ABOUT SEASOL PLUS IRON

Iron is one of the most troublesome plant nutrients. Its plant available form (Fe+2) is often immobile in the soil, while it's more soluble form (Fe+3) is mostly available only in wet or waterlogged conditions. This is why Iron insufficiency is the most common of all plant nutrient problems. Iron deficiency is most difficult to manage is on Alkaline soils, where it becomes tightly bound in the soil and unavailable to many plants. Usually, only foliar sprays can provide any relief from deficiency symptoms. However, the chelator used in Seasol Plus Iron is stable in the soil and continues working after it has delivered its Iron. This is why results improve with repeated applications.

When a lack of Iron occurs, respiration, photosynthesis, stress responses and nitrogen metabolism all suffer. This reduces the colour of both leaves and fruit, limits yield and increases susceptibility to disease.

FEATURES AND BENEFITS



Promotes plant growth, fruit-set and flowering



Stimulates root growth and improves plant establishment



Helps to prevent and overcome iron-induced chlorosis in plants



Increases tolerance to adverse environmental conditions

WHEN TO USE SEASOL PLUS IRON

Iron is especially important at times of high Nitrogen demand (helping turn nitrate into protein), so Seasol Plus Iron very useful for:

- Veraison in vines
- Shoot growth flushes in Citrus, Avocado, Banana
- Rapid fruit growth – especially for annual crops like Tomato and Melons
- Tuber initiation in Potatoes
- Early growth of perennial crops
- At 'Cupping' or 'Button-up' stages in Lettuce, Cabbage, Broccoli and Cauliflower



Seasol Plus Iron

A SUPERIOR COMBINATION OF AUSTRALIA'S FINEST KELP CONCENTRATE AND CHELATED IRON.



INSTRUCTIONS FOR USE

1. **Seasol Plus Iron** must be diluted in water. Use sufficient water to achieve adequate coverage when applying as a foliar spray. 2. Shake or agitate before use. Maintain agitation during dilution and application if possible. 3. Climatic stress - use 5/10L / ha 3-7 days prior to and after extreme stress events (e.g. heatwave and frost) to mitigate crop damage and assist recovery.

APPLICATION GUIDELINES

| Category | Crop | Rate | Application / Critical Comments |
|-------------------------------|---|--|--|
| Nut Trees | Almonds, Hazelnuts, Macadamias, Pecans | 5-10L/ha or 1ml per sq mtr of plant area | Planting - drench or water in with 1:400 dilution. Apply from green tip/first growth flush. Recommend 5 applications at critical growth stages inc post harvest. Use higher rate for larger trees |
| Deciduous Fruit Trees | Pome Fruits, Stone Fruits and other deciduous species | 5-10L/ha or 1ml per sq mtr of plant area | Planting - drench or water in with 1:400 dilution. Apply at each growth flush or 5 applications at critical growth stages and post harvest. Higher rates for larger trees |
| Evergreen Tree Crops | Avocados, Bananas, Citrus, Olives | 5-10L/ha or 1ml per sq mtr of plant area | Planting - drench or water in with 1:400 dilution. Apply from Bud initiation and at each growth flush 10 L/Ha/ month on mature trees, fertigated in every month that you irrigate |
| Fruiting Annuals | Capsicums, Cucurbits, Strawberries, Tomatoes, Pumpkins | 5L/ha | Apply at seedling and transplanting and from 15cm growth. Every 10-14 days or 4 applications as required |
| Leafy Vegetables | Asparagus, Brassicas, Celery, Herbs, Lettuces | 5L/ha | Planting out - 1:400 dilution (2.5 mL/L or 2.5L/1,000L water), for watering in of seedlings in a water wheel planter or similar device. Apply at seedling and transplanting and from 3-4 leaf. Every 10-14 days or 4 applications as required |
| Root Vegetables | Carrots, Onions, Potatoes, Sweet Potatoes | 10L/ha | Apply from in furrow. 4-5 applications at critical growth stages |
| Vine & Berry Crops | Blueberries, Raspberries, Wine and Table Grapes | 5-10L/ha or 1ml/sq mtr | Apply regularly during the growing season. As a minimum, use the product at times of plant stress or recovery such as Pre-Flowering, Fruit Filling & Post Harvest. Higher rates for larger canopies. Do not apply directly over flowers where flowers are essential to crop productivity. Where bloom is a feature of fruit (e.g. blueberries & table grapes) do not apply as a foliar spray once the bloom develops to avoid any damage |
| Broadacre | Canola, Cotton, Pasture Crops (inc Lucerne), Sugar Cane, Turf | 10L/ha or 1ml/sq mtr | Apply at the start of the growing season and after each cut or grazing event in a rotational or strip grazing situation. Apply post emergence, 4-5 applications at critical growth stages. Seed coating (Cereals) Up to 4-10L/tonne of seed. Do not exceed a total of 10L of total liquid per tonne. Sugar Cane - 5L/ha in furrow or billet dip, 2nd app 10L/ha at tillering. Ratoon crops 10L/ha at tillering. Do not graze pasture with ruminant animals for 3 weeks after application |

GENERAL INSTRUCTIONS

Foliar Spraying: Apply the product as soon as possible after mixing in the spray tank. Maintain agitation in spray tank if possible. **Seasol Plus Iron** can be used as a foliar application or applied directly to the soil and can be applied with boom sprays, air blast sprays, drip systems, travelling irrigators, centre pivots and by aerial application.

Fertigation: Agitate the product regularly in the fertigation tank. For best results use the product on its own. **Seasol Plus Iron** can be mixed with a number of agricultural chemicals, DO NOT COMBINE WITH CALCIUM NITRATE. See tank mix compatibility information at www.seasol.com.au

STORAGE AND HANDLING

Not to be kept for prolonged periods in hot conditions (>30°C) or in direct sunlight. Always use safe work practices for lifting and handling drums. Once diluted, the product should be applied within 24 hours. Agitate the product prior to using and re-agitate if the product is left standing for an extended period of time.

SAFETY DIRECTIONS

Not to be taken. Keep out of reach from children. May irritate the skin and eyes. Avoid inhalation. Use in a well-ventilated space. Wash hands after use. Wash all edible plants before eating. If splashed, wash off with water. If swallowed or irritation persists, seek prompt medical advice. Additional information is listed in the Safety Data Sheet.

CONDITIONS OF SALE

This product must be used strictly in accordance to the directions. The efficacy of the product may be influenced by environmental conditions and application procedures and no warranty, express or implied is offered.

