



Maxicrop Soluble Seaweed Powder

0-0-17

GUARANTEED ANALYSIS:

SOLUBLE POTASH (K_2O). 17.0%

Derived from: *Ascophyllum nodosum* Seaweed and Potassium Hydroxide

Information regarding the contents and levels of metals in this product is
available on the internet at <http://www.aapfco.org/metals.htm>

**For use on:
Flowers, Shrubs, Trees, Berries,
Vegetables, Fruit, and Root Crops**

**Maxicrop USA, Inc.
P.O. Box 964, Arlington Heights, IL 60006
NET WEIGHT 44 LBS.**

Maxicrop Soluble Seaweed Powder

General Recommendations

General Crop Application Rates and Timings

- Woody Perennial Crops (tree, vines, Bushes, etc.): Apply 1 to 3 lbs. of Maxicrop Soluble Seaweed Powder per acre starting at regrowth in the spring. Repeat every 7 to 28 days. At transplanting a root dip solution (0.05 to 0.33%) can be used. Post-harvest applications can be made every 1 to 4 weeks from harvest to dormancy. Applications can be made either foliar or to the soil. Apply 3 to 5 days ahead of anticipated stress event.
- Other Fruit, Vegetable and Field Crops: Apply 1 to 3 lbs. of Maxicrop Soluble Seaweed Powder per acre starting at planting with repeat treatments every 7 to 28 days. Applications can be made either foliar or to the soil. Apply 3 to 5 days ahead of anticipated stress event.

Best Practice

- “Little and often” is the general principle of use. Research and feedback from growers has shown that best results are achieved by frequent, low dose applications*.
- Minimum dilution 1:100, never apply neat.
- Apply morning or evening, not in midday sun.
- For best results, apply 3 to 5 days prior to or when the plant is under stress

** It might be more appropriate to time application along with other sprays as per standard farming practice in order to minimize the number of sprays (as long as they are tank compatible) needed.*

Compatibility

- Can be tank mixed with most other crop inputs.
- As a precaution with new mixes a jar test is recommended.
- Half fill your sprayer with water, then add the powder, then add any other materials and top up volume to required amount. For a homogenous mix, agitation whilst adding powder is advisable.

Guideline Rates

- All rates and timings are approximate and should be adjusted to take into consideration local conditions regarding soil, climate and practices.
- Maxicrop Soluble Seaweed Powder is NOT a total feed and should be used as part of a good management program.
- Efficacy may be achieved at lower rates. Rates suggested are optimal.

Storage and Handling

- Store out of direct sunlight.
- Handle with care taking normal best practice health and safety precautions.
- Do not leave in cold storage area – may form crystals if stored at less than 40°C.
- If crystals form, dissolve with warm water before using in sprayer.

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Crop Specific Application Rates & Timings

CROP	TIMING OF APPLICATION	RATE/ ACRE
Avocados	1. Start of regrowth in spring 2. 2 weeks pre-bloom 3. 2 weeks after petal fall 4. Before summer fruit drops 5. Every 2 – 4 weeks during summer months 6. 2 – 4 weeks after harvest	1 – 3 lbs.
Caneberries (Blackberry, Loganberry, Raspberry etc.)	1. Start of growth in spring 2. 2 weeks pre bloom 3. Petal fall 4. Every 2 – 4 weeks during summer months 5. 2 – 4 weeks after harvest	1 – 3 lbs.
Cherries	1. White bud 2. Petal fall to shuck fall 3. Exposed young fruit 4. Straw color apply with gibberellin sprays (avoid sprays where early market is desired) 5. Repeat in times of stress 6. 2 – 4 weeks after harvest	1 – 3 lbs.
Citrus (Oranges, Mandarins, Lemons, Limes and Grapefruit)	1. At pre-bloom 2. At petal fall where fruitlets are 0.5cm 3. When fruit 2.0cm (olive size) 4. Every 2 – 4 weeks during summer months 5. Apply with gibberellin sprays in mid and late season varieties 6. 2 – 4 weeks after harvest	1 – 3 lbs.
Cranberries	1. 4 weeks pre bloom soil 2. 2 weeks pre bloom 3. Petal fall 4. Every 2 – 4 weeks 5. 2 – 4 weeks after harvest	1 – 3 lbs.
Grapes (Wine)	1. Prior to pruning 2. At 10 – 15cm plant height 3. At 2 – 4 weeks before bloom 4. When fruit 2 – 3mm 5. After 2 – 3 weeks 6. 2 – 4 weeks after harvest	1 – 3 lbs.

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CROP	TIMING OF APPLICATION	RATE/ ACRE
Grapes (Table, Raisin, Juice)	1. 10cm shoot growth 2. 20 – 30cm shoot growth 3. 5 days pre bloom 4. Sizing sprays 5. Veraison 6. Every 2 – 4 weeks during summer months 7. 2 – 4 weeks after harvest	1 – 3 lbs.
Hydroponics (Cucumbers, Lettuce, Peppers, Tomatoes and Strawberries)	1. Apply continuously with each fertilization cycle in substrate culture system 2. Every 7 – 14 days in closed systems	0.25 to 0.50 ounces per 100 gallons of water
Pome Fruits (Apples and Pears)	1. At Green tip formation 2. At pre-bloom 3. At full bloom 4. At first fruit appearance 5. Can be repeated every 3 weeks until harvest	1 – 3 lbs.
Stone Fruits (Nectarines, Apricots, Peaches, Plums etc.)	1. Pink/white bud 2. Petal fall 3. Jacket split 4. Every 2 – 4 weeks during summer months 5. 2 – 4 weeks after harvest	1 – 3 lbs.
Strawberries	1. Pre-bloom 2. Repeat every 3 weeks until harvest	1 – 3 lbs.
Pomegranate	1. Start of growth 2. 2 weeks pre bloom 3. Petal fall 4. Every 2 – 4 weeks 5. 2 – 4 weeks after harvest	1 – 3 lbs.
Pineapple	1. At planting 2. Every 2 – 4 weeks during growth and fruit development stages	1 – 3 lbs.

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VEGETABLES

CROP	TIMING OF APPLICATION	RATE/ ACRE
Brassica Vegetables (Broccoli, Cauliflower, Cabbage)	1. 7 days after transplanting 2. Repeat every 2 weeks until harvest	1 – 3 lbs.
Curcubit Vegetables (Watermelon, Cucumber, Melons, Cantaloupe, Pumpkins, etc.)	1. Post-transplant 2. 10 days before flowering 3. Repeat 2 more times at 15 day intervals	1 – 3 lbs.
Fruiting Vegetables (Table Tomatoes, Processing Tomatoes, Eggplant and Peppers)	1. 21-day old plants 2. 2 weeks after planting 3. Repeat every 3 weeks until harvest	1 – 3 lbs.
Leafy Vegetables (Celery, Lettuce, Spinach, etc.)	1. At 4 – 6 leaf stage 2. Pre-bloom 3. At first pods	1 – 3 lbs.
Legumes (Beans, Lentils, Peas etc.)	1. At 4 – 6 leaf stage 2. Pre-bloom 3. At first pods	1 – 3 lbs.
Potatoes	1. 6th leaf on main stem unfurled 2. 1st Flower opened 3. 30 days after spray 2	1 – 3 lbs.
Root Crops Carrots, Turnips, Onions, Leeks, Sugar Beet)	1. Two weeks after emergence 2. At root enlargement 3. Repeat every 10 – 15 days to harvest	1 – 3 lbs.

NUTS

Almonds	1. Pink bud 2. Petal fall 3. Before summer heat stress 4. Every 2 – 4 weeks during summer 5. 2 – 4 weeks after harvest	1 – 3 lbs.
Hazelnuts	1. At 4 leaf stage 2. Second internode visible 3. First Flower bud opened 4. Every 2 – 4 weeks during summer 5. 2 – 4 weeks after harvest	1 – 3 lbs.

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NUTS

CROP	TIMING OF APPLICATION	RATE/ ACRE
Pistacchios	1. End of tillering 2. Second node 3. Booting 4. Every 2 – 4 weeks during summer 5. 2 – 4 weeks after harvest	1 – 3 lbs.
Tree Nuts (Cashews, Macadamia, Pecans, Walnuts, etc.)	1. At 4 – 6 leaf stage 2. Second node 3. End of flowering	1 – 3 lbs.
Alfalfa	1. At planting 2. After each cutting	1 – 3 lbs.
Canola	1. At 4 leaf stage 2. Second internode visible 3. First Flower bud opened	1 – 3 lbs.

FIELD CROPS

Cereals (Barley and Wheat)	1. End of tillering 2. Second node 3. Booting	1 – 3 lbs.
Corn (Grain, Feed, Forage and Silage)	1. At 4 – 6 leaf stage 2. Second node 3. End of flowering	1 – 3 lbs.
Cotton	1. At planting 2. Every 2 – 3 weeks	1 – 3 lbs.
Rice	1. At 30 – 40 days after seeding 2. Emergence of early panicle 3. Apply 3 – 4 days before anticipated stress	1 – 3 lbs.

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APPLICATION METHODS

DIRECTION FOR USE

Foliar

Fill half the spray tank with water, agitate and gradually add recommended amount of Maxicrop Soluble Seaweed Powder with remainder of water and spray solution. Use enough water for good spray coverage. Spray should be applied as a fine mist, with low fluid velocity until the foliage is wet. Do not foliar apply during times of heat or water stress. For best results apply during the cool part of the day or when temperatures are below 85 degrees Fahrenheit. Do not spray just before or after rainfall or sprinkler irrigation. Application rates should be adjusted according to plant size and leaf area.

Soil

Application can be made by mixing with soil applied fertility, directed sprays to the soil, through the irrigation systems or other methods which effectively apply Maxicrop Soluble Seaweed Powder to the soil. Dilute 1 part Maxicrop Soluble Seaweed Powder in a minimum of 100 parts of finished solution and agitate. Continuous agitation of supply tank is recommended. Maxicrop Soluble Seaweed Powder can be applied through all types of irrigation systems at the suggested rates. For micro sprinkler or drip irrigation, apply after the system is fully pressurized, inject finished solution for at least one hour and follow with clean water for at least two hours. Avoid heavy irrigations immediately following application.

Rooting/Transplant Solution

For new transplants treat roots with a solution of Maxicrop Soluble Seaweed Powder at the rate of 0.05 – 0.33% solution prior to transplanting.

Late Season & Post-Harvest

Maxicrop Soluble Seaweed Powder is an excellent way to prepare perennial crops for the next season's early growth. Apply to the soil or foliar using methods above.



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