

# BRANDT® Seaweed Max

## Liquid Seaweed Extract

0-0-2

### Guaranteed Analysis

Soluble Potash (K<sub>2</sub>O) ..... 2.0%

Derived from: Kelp Extract (*Ascophyllum nodosum* and Potassium Hydroxide\*)

F76

\*Potassium Hydroxide as an extraction agent.

This product is not intended for use on food crop sites.

### General Information

BRANDT SEAWEED MAX is used to increase yield and quality, improve overall plant nutrition, root growth and development, plant vigor, and maximize crop potential during periods of stress. To achieve the desired results, the levels of major and minor nutrients must be adequate to support the increase in production. The following rates and timings of application are recommended for optimum efficacy.

### Directions for Use

This product fully dissolves in water and is suitable for use in liquid foliar, soil applied, and irrigation water applications. Shake well before use. Regular applications are important for maximizing crop potential during unexpected stress.

**Foliar Applications:** Fill half the spray tank with water, begin agitating and gradually add recommended amount of this product with remainder of water and spray solution. Use enough water for good spray coverage. The foliar spray should be applied as a fine mist, with low fluid velocity until the foliage is wet. Do not foliar-apply during times of moisture or heat stress. For best results apply during the cool part of the day or when temperatures are below 85°F. Do not spray just before or after rainfall or sprinkler irrigation. Use a surfactant for maximum dispersal and leaf adherence. Application rates for permanent crops should be adjusted based on plant size and leaf area.

**Soil applications:** Soil applied treatments can be made by mixing with soil-applied fertility, directed sprays to the soil, sidedress treatments, applications through the irrigation systems or other methods which effectively apply this product to the soil. Continuous agitation of the supply tank is recommended. This product can be applied through drip, microject, sprinkle, overhead, furrow, flood and other types of irrigation at the suggested rates. Avoid heavy irrigations immediately following application.

**Rooting/Transplant Solution:** Treat roots with a solution of this product at the rate of 0.1%-0.7% solution prior to transplanting.

**Late Season and Post-Harvest Applications:** This product is an excellent way to encourage root growth and prepare perennial crops for next season's early growth. Apply to the soil or foliar using above methods.

**Drench Treatment:** Apply a soil drench using a dilution of 0.45 oz per gal water. Applications can be made at 1-3 week intervals throughout the growing season.

Additional applications should be made immediately prior to or following stress periods such as chill, heat or drought.

### Application Rates

#### General Crops

**Woody Perennial Crops (Trees, Vines, Bushes, etc.):** Apply 64-128 oz of this product per acre starting at regrowth in the spring. Repeat treatments every 7-30 days. At transplanting, a root treatment can be used. Post-harvest applications can be made every 1-4 weeks from harvest to dormancy. Applications can be made either foliar or to the soil. Apply 3-5 days prior to an anticipated plant stress.

**Other Fruit, Vegetable and Field Crops:** Apply 32-64 oz of this product per acre starting at planting with repeat treatments every 7-30 days. Applications can be made either foliar or to the soil. Apply 3-5 days prior to an anticipated plant stress.

#### Fruit Crops

**Avocados:** 64-128 oz per acre. 1st Application: At start of regrowth in the spring. 2nd Application: 2 weeks pre-bloom. 3rd Application: 2 weeks after petal fall. 4th Application: Before summer fruit drop. Repeat every 2-4 weeks during summer months. Post-harvest application: 2-4 weeks after harvest.

**Bushberries (Blueberry, Currant, Elderberry, Gooseberry, Huckleberry, etc.):** 64 oz per acre. 1st Application: 4 weeks pre-bloom (soil). 2nd Application: 2 weeks pre-bloom. 3rd Application: Petal fall. Repeat every 2-4 weeks during summer months. 3rd Application: Petal fall. Repeat every 2-4 weeks during summer months.

**Caneberries (Blackberry, Loganberry, Raspberry, etc.):** 64 oz per acre. 1st Application: At start of growth in the spring. 2nd Application: 2 weeks pre-bloom. 3rd Application: Petal fall. Repeat every 2-4 weeks during summer months. Post-harvest application: 2-4 weeks after harvest.

**Citrus (Grapefruit, Lemons, Limes, Mandarins, Oranges, etc.):** 64-128 oz per acre. 1st Application: Start of growth in the spring (feather growth). 2nd Application: 2 weeks pre-bloom. 3rd Application: Petal fall. Repeat every 2-4 weeks during summer. Fall: Apply with gibberellin sprays in mid and late season varieties. Post-harvest application: 2-4 weeks after harvest.

**Cranberries:** 64-128 oz per acre. 1st Application: 4 weeks pre-bloom (soil). 2nd Application: 2 weeks pre-bloom. 3rd Application: Petal fall. Repeat every 2-4 weeks. Post-Harvest Application: 2-4 weeks after harvest.

**Grapes (Wine):** 64-128 oz per acre. 1st Application: 1-4 inch shoot growth (foliar and soil). 2nd Application: 10-12 inch shoot growth (foliar and soil). 3rd Application: 5 days pre-bloom (foliar). Avoid foliar pre-bloom application in varieties that are prone to under shatter. Use high rate in pre-bloom sprays on varieties that tend to over shatter. 4th Application: 'BB' sized berries (2-3 mm) (foliar). 5th Application: Veraison (foliar and soil). Repeat every 2-4 weeks during summer months. Post-Harvest Application: 2-4 weeks after harvest.

**Grapes (Table, Raisin and Juice):** 64-128 oz per acre. 1st Application: 1-4 inch shoot growth (foliar and soil). 2nd Application: 10-12 inch shoot growth (foliar and soil). 3rd Application: 5 days pre-bloom (foliar). Avoid foliar pre-bloom application in varieties that are prone to under shatter. Use high rate in pre-bloom sprays on varieties that tend to over shatter. 4th-6th Applications: Sizing sprays (foliar). 7th Application: Veraison (foliar and soil). Repeat every 2-4 weeks during summer months. Post-Harvest Application: 2-4 weeks after harvest.

**Kiwi:** 64-128 oz per acre. 1st Application: At start of growth in the spring. 2nd Application: 2 weeks pre-bloom. 3rd Application: Petal fall. Repeat every 2-4 weeks during summer months. Post-Harvest Application: 2-4 weeks after harvest.

**Olives:** 64-128 oz per acre. 1st Application: Late winter (foliar). 2nd Application: 2 weeks pre-bloom. Repeat every 2-4 weeks through to harvest. Post-Harvest Application: 2-4 weeks after harvest.

**Figs:** 64-128 oz per acre. 1st Application: At start of growth in the spring. Repeat every 2-4 weeks. Post-Harvest Application: 2-4 weeks after harvest.

**Pome Fruits (Apples, Pears and Quince):** 64-128 oz per acre. 1st Application: Tight cluster. 2nd Application: Pink bud. 3rd Application: Petal fall. 4th Application: 1/2-3/4" fruit. Repeat every 2-4 weeks during summer months. Post-Harvest Application: 2-4 weeks after harvest.

**Stone Fruits (Peaches, Nectarines, Apricots, Plums, Apricots, Plums, etc.):** 64-128 oz per acre. 1st Application: Pink/white bud. 2nd Application: Petal fall. 3rd Application: Jacket split. Repeat every 2-4 weeks during summer months. Post-Harvest Application: 2-4 weeks after harvest.

**Cherries:** 64-128 oz per acre. 1st Application: White bud. 2nd Application: Petal fall to shuck fall. 3rd Application: Exposed young fruit. 4th Application: Straw color. Apply with gibberellin sprays. Avoid sprays after straw-colored fruit on non-gibberellin blocks where early market is desired. Repeat during times of stress. Post-Harvest Application: 2-4 weeks after harvest.

**Pomegranate:** 64-128 oz per acre. 1st Application: Start of growth in the spring. 2nd Application: 2 weeks pre-bloom. 3rd Application: Petal fall. Repeat every 2-4 weeks. Post-Harvest Application: 2-4 weeks after harvest.

**Strawberries:** 64 oz per acre. Pre-Plant: 0.1-0.7% solution. Repeat soil applications every 14 days until harvest is complete.

**Pineapple:** 64-128 oz per acre. Foliar or soil applications at planting. Repeat every 2-4 weeks during the growth and fruit development periods.

**Hydroponic Strawberries:** 4.5-9.0 oz per 100 gal of water. In substrate culture systems, apply continuously with each fertigation cycle. In closed systems, reapply every 7-14 days.

Guaranteed By:  
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**BRANDT®**

Net Contents: \_\_\_\_\_ gallons

Density: 8.76 lb/gal @ 68°F

# BRANDT® Seaweed Max

## Vegetable Crops

*Asparagus*: 48-64 oz per acre. For new plants, make a soil application at planting followed by soil or foliar applications every 14-21 days. For established plants, begin applications when harvest is complete and repeat every 14-21 days.

*Brassica Vegetables (Broccoli, Brussels Sprouts, Cauliflower, Collards, Cabbage, Kale, and Mustard Greens)*: 48-64 oz per acre. 1st Application: Soil or transplant treatment at planting. Repeat soil or foliar applications every 14-21 days until harvest is complete.

*Bulb Vegetables (Garlic, Leeks, Onions, and Shallots), Legumes (Fresh, Dry and Processing: Beans, Garbanzos, Lentils, Peas and Soybeans), Peanuts, Root and Tuber Vegetables (Beets, Carrots, Sweet Potatoes, etc.)*: 48-64 oz per acre. 1st Application: Soil applied treatment at planting. Repeat soil or foliar applications every 14-21 days until harvest is complete.

*Corn (Fresh, Sweet, and Pop)*: 32-64 oz per acre. 1st Application: Soil treatment at planting. 2nd Application: Soil or foliar applications at the pretassel stage.

*Cucurbit Vegetables (Cantaloupe, Cucumbers, Gourds, Honeydew, Muskmelons, Squash, Pumpkins, and Watermelons)*: 32-64 oz per acre. 1st Application: Soil or transplant treatment at planting. Repeat soil or foliar applications every 14-21 days until harvest is complete.

*Fruiting Vegetables (Eggplant, Fresh Tomatoes, Processing Tomatoes, and Peppers)*: 48-64 oz per acre. 1st Application: Soil or transplant treatment at planting. Repeat soil or foliar applications every 14-21 days until harvest is complete. Use adequate water for very good coverage. Minimum 40 GPA for mature plants is recommended.

*Leafy Vegetables (Celery, Endive, Lettuce, Radicchio, Rhubarb, Spinach and Swiss Chard)*: 32-64 oz per acre. 1st Application: Foliar application at the 2-4 leaf stage. Repeat foliar applications every 14-21 days until harvest.

*Potatoes*: 48-64 oz per acre. 1st Application: Soil applied treatment at planting. Repeat soil or foliar applications every 21-30 days until harvest.

*Hydroponic Cucumbers, Hydroponic Lettuce, Hydroponic Peppers and Hydroponic Tomatoes*: 0.45-0.90 oz per 100 gal of water. In substrate culture systems, apply continuously with each fertigation cycle. In closed systems, reapply every 7-14 days.

## Field Crops

*Alfalfa*: 32-64 oz per acre. 1st Application: Soil or foliar application at planting or early season growth. Repeat soil or foliar applications after each cutting or every 3-4 weeks.

*Corn (Grain, Feed, Forage and Silage)*: 32-64 oz per acre. 1st Application: Soil treatment at planting. 2nd Application: Soil or foliar applications at the pretassel stage. Applications can be made either foliar or to the soil. Apply 3-5 days prior to an anticipated plant stress.

*Seed Corn*: 32-64 oz per acre. Apply starting at planting with repeat treatments every 7-30 days. Applications can be made either foliar or to the soil. Apply 3-5 days prior to an anticipated plant stress.

*Cotton*: 32-64 oz per acre. 1st Application: Soil applied treatment at planting. Repeat soil or foliar applications every 14-21 days.

*Hops*: 32-64 oz per acre. 1st Application: At start of training in the spring. Repeat every 2-4 weeks.

*Rice*: 32-64 oz per acre. 1st Application: 30-40 days after seeding. 2nd Application: At early panicle emergence. Applications can be made either foliar or to the soil. Apply 3-5 days prior to an anticipated plant stress.

*Wheat*: 32-64 oz per acre. 1st Application: Soil applied treatment at planting. Repeat soil or foliar treatments at the 6 and 12-18 inch growth stage.

## Nuts

*Almonds*: 64-128 oz per acre. 1st Application: Pink bud. 2nd Application: Petal fall. 3rd Application: Before summer heat stress (late May, early June). Repeat every 2-4 weeks during summer months. Post-Harvest Application: 2-4 weeks after harvest.

*Hazelnuts*: 64-128 oz per acre. 1st Application: At ovule growth initiation. 2nd Application: First leaf expansion. Repeat every 2-4 weeks until harvest. Post-Harvest Application: 2-4 weeks after harvest.

*Pistachios*: 64-128 oz per acre. 1st Application: At early bud break. 2nd Application: At bloom. 3rd Application: Fully leafed out. Repeat every 2-4 weeks during summer months. Post-Harvest Application: 2-4 weeks after harvest.

*Tree Nuts (Cashews, Pecans, Walnuts, Chestnuts, Macadamia, etc.)*: 64-128 oz per acre. 1st Application: 1% bloom. 2nd Application: 30% bloom. 3rd Application: 2 weeks after previous application. Repeat every 2-4 weeks during summer months. Post-Harvest Application: 2-4 weeks after harvest.

Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden. Check with your local Cooperative Extension Agency to obtain specific information on local turf best management practices.

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

Information about the components of this lot of fertilizer may be obtained by writing to BRANDT Consolidated, Inc. and giving the lot number which is found on the container or label.

**Precautionary Statements:** Based on currently available data, this product is not classified as a hazardous substance. However, observe good industrial hygiene practices. Wash hands after handling. **Storage and Disposal:** Do not contaminate water, food or feed by storage or disposal. Keep out of reach of children. Store away from incompatible materials. Dispose of contents/container in accordance with local authority requirements.

 **WARNING:** Cancer and Reproductive Harm- [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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