

DIRECTIONS FOR USE: ↓

APPLICATION RATES: ➡

Tidal Grow® Spectra can be used as a foliar spray, soil drench, root dip, in-furrow or can be applied via chemigation methods (such as center pivot, drip/trickle, sprinkler, etc).

Tidal Grow® Spectra can be applied to crops at any time during the growing season including preplant, preemergence, post emergence, and in-season, up to and including the day of harvest.

The recommended concentration and rate of application depends on crop and severity of the pest or disease. Test results have shown that this product can increasingly suppress pests and pathogens at high doses; whereas tests results have shown the benefits to plant health and vigor at lower doses.

For best results apply the product early in the morning or late in the afternoon.

Tidal Grow® Spectra is compatible with most chemical fungicides, insecticides and fertilizers. The pH of the final solution should be below 7 for best results; perform a compatibility jar test prior to mixing with other chemicals – especially for concentrated aerial applications. Combining Spectra with anionic polymers tends to cause clumping, gelling, or settling. Example: Spectra is incompatible with ammonium polyphosphate fertilizers (10-34-0 and 11-37-0). Contact your sales rep for more information on compatibility.

For best results, store out of direct sunlight at room temperature.

ENVIRONMENTAL HAZARDS

Not for aquatic use. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters.

***IMPORTANT:** Additional Operating Instructions for Chemigation for Washington State. Review your state and local regulatory requirements before applying any agricultural chemical through an irrigation system. Refer to the SUPPLEMENTAL LABELING FOR CHEMIGATION APPLICATIONS for additional use requirements and restrictions.*



Scan the QR code for Supplemental Labeling for Chemigation Applications

Crop Grouping	Application Method	Application Timing	Rate	Comments	Crop Grouping	Application Method	Application Timing	Rate	Comments
Soybeans	In-Furrow or Soil Treatment	At planting or pre-plant	Apply 6-22 fl oz of product per acre	Can be applied via spray, chemigation, drip, or other means.	Berries & Small Fruit (such as Aronia Berries, Blackberries, Blueberries, Currants, Elderberries, Gooseberries, Grapes, Huckleberries, Kiwifruits, Loganberries, Mulberries, Raspberries, Strawberries)	Soil Treatment	At planting or pre-plant	Apply 6—22 fl oz of product per acre	Can be applied via spray, chemigation, drip, or other means.
	Foliar (ground spray, pivot, etc)	Starting as early as V3-V5	Apply 6-22 fl oz of product per acre	Use at least 10 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.		Foliar (ground spray, pivot, etc)	Starting as early as budswell or budburst	Apply 6—22 fl oz of product per acre	Use at least 10 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.
	Foliar (aerial)	Starting as early as V3-V5	Apply 6-22 fl oz of product per acre	Use at least 2 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.		Foliar (aerial)	Starting as early as budswell or budburst	Apply 6—22 fl oz of product per acre	Use at least 2 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.
Corn (field, sweet, popcorn)	In-Furrow or Soil Treatment	At planting or pre-plant	Apply 6-22 fl oz of product per acre	Can be applied via spray, chemigation, drip, or other means.	Flowers - Greenhouse and Nursery (such as Shade and Flowering Tree Starts, Woody Ornamentals, Hemp, Ornamental Flowers)	Soil Treatment or Root Dip	During any growth stage	Apply 1 tsp of product per 1000 sq ft of canopy	Can be applied via spray, chemigation, drip, or other means.
	Foliar (ground spray, pivot, etc)	Starting as early as V2-V4	Apply 6-22 fl oz of product per acre	Use at least 10 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.		Foliar Spray	Up to one week before harvest	Apply 2 tsp of product per 1000 sq ft of canopy	Use minimum spray volume to cover foliage. Spray tops and bottoms of leaves for best results.
	Foliar (aerial)	Starting as early as V2-V4	Apply 6-22 fl oz of product per acre	Use at least 2 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.					
Cereal Grains (non-corn, such as Barley, Wheat, Buckwheat, Rye, Millet, Oats, Rice, Sorghum, Triticale)	In-Furrow or Soil Treatment	At planting or pre-plant	Apply 6-22 fl oz of product per acre	Can be applied via spray, chemigation, drip, or other means.	Tree Nuts (such as Almonds, Beech Nuts, Brazil Nuts, Butternuts, Cashews, Chestnuts, Hazelnuts, Hickory Nuts, Macadamia Nuts, Pecans, Walnuts)	Soil Treatment	At planting or pre-plant	Apply 6-22 fl oz of product per acre	Can be applied via spray, chemigation, drip, or other means.
	Foliar (ground spray, pivot, etc)	Starting as early as 3-5 leaf stage	Apply 6-22 fl oz of product per acre	Use at least 10 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.		Foliar (ground spray, pivot, etc)	Starting as early as bud formation	Apply 6-22 fl oz of product per acre	Use at least 10 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.
Cotton	Foliar (aerial)	Starting as early as 3-5 leaf stage	Apply 6-22 fl oz of product per acre	Use at least 2 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.	Tree Fruits (non-citrus, such as Apples, Apricots, Avocados, Crabapples, Loquats, Nectarines, Oriental Pears, Peaches, Pears, Plums, Prunes, Quinces, Sweet Cherries, Tart Cherries)	Soil Treatment	At planting or pre-plant	Apply 6-22 fl oz of product per acre	Can be applied via spray, chemigation, drip, or other means.
	In-Furrow or Soil Treatment	At planting or pre-plant	Apply 6-22 fl oz of product per acre	Can be applied via spray, chemigation, drip, or other means.		Foliar (ground spray, pivot, etc)	Starting as early as bud formation	Apply 6-22 fl oz of product per acre	Use at least 10 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.
	Foliar (ground spray, pivot, etc)	Starting as early as 14 days after emergence	Apply 6-22 fl oz of product per acre	Use at least 10 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.		Foliar (aerial)	Starting as early as bud formation	Apply 6-22 fl oz of product per acre	Use at least 2 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.
Roots/Tubers (such as cassava, potatoes, sweet potatoes, and yams)	Foliar (aerial)	Starting as early as 14 days after emergence	Apply 6-22 fl oz of product per acre	Use at least 2 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.	Vegetables (such as Artichokes, Broccoli, Brussels sprouts, Cabbage, Carrots, Cauliflower, Cucumber, Eggplants, Garlic, Leafy Vegetables, Onion, Pumpkin, Squash)	In-Furrow or Soil Treatment	At planting or pre-plant	Apply 6-22 fl oz of product per acre	Can be applied via spray, chemigation, drip, or other means.
	In-Furrow or Soil Treatment	At planting or pre-plant	Apply 6-22 fl oz of product per acre	Can be applied via spray, chemigation, drip, or other means.		Foliar (ground spray, pivot, etc)	Starting as early as 14 days after emergence	Apply 6-22 fl oz of product per acre	Use at least 10 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.
Forests and Tree Farms (such as Christmas trees, natural forests, ornamental trees)	Foliar (ground spray, pivot, etc)	Starting as early as 14 days after emergence	Apply 6-22 fl oz of product per acre	Use at least 10 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.	Legumes (non-soybean, such as Broad Beans, Chickpeas, Lentils, Peas, Pigeon Peas, Snap Beans, various Lupinus spp. beans)	In-Furrow or Soil Treatment	At planting or pre-plant	Apply 6-22 fl oz of product per acre	Can be applied via spray, chemigation, drip, or other means.
	Foliar (aerial)	Starting as early as 14 days after emergence	Apply 6-22 fl oz of product per acre	Use at least 2 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.		Foliar (ground spray, pivot, etc)	Starting as early as 14 days after emergence	Apply 6-22 fl oz of product per acre	Use at least 10 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.
	Soil Treatment	At planting or pre-plant	Apply 6-22 fl oz of product per acre	Can be applied via spray, chemigation, drip, or other means.		Foliar (aerial)	Starting as early as 14 days after emergence	Apply 6-22 fl oz of product per acre	Use at least 2 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.
Citrus Fruits (such as Grapefruits, Limes, Lemons, Oranges)	Foliar (ground spray, pivot, etc)	Starting as early as bud formation	Apply 6-22 fl oz of product per acre	Use at least 10 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.	Turfgrass (such as Sod Farms, Ornamental Lawns, Golf Courses) + Sugarcane (such as syrup canes, crystal canes, chewing canes)	Soil Treatment	At planting or pre-plant	Apply 6-22 fl oz of product per acre	Can be applied via spray, chemigation, drip, or other means.
	Foliar (aerial)	Starting as early as bud formation	Apply 6-22 fl oz of product per acre	Use at least 2 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.		Foliar (ground spray, pivot, etc)	Starting as early as 14 days after emergence	Apply 6-22 fl oz of product per acre	Use at least 10 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.