



Patented Plant Based Bio-Stimulant

- INDOOR AND OUTDOOR VEGETABLES, ORNAMENTAL FLOWERS, TREES, ROW CROPS, SHRUBS AND PLANTS, INCLUDING PLANTS GROWN IN CONTAINERS, INTERIORSCAPES, HOME AND GARDEN USE.

FOR ORGANIC PRODUCTION

ACTIVE INGREDIENT:	% By wt.
Vasicine -----	1.0%
Tween 85 -----	20.0%
Vegetable oil -----	79.0%

TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF IN EYES : Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eyes. Call a poison control centre or doctor for treatment advice.

IF INHALED : Move person to fresh air. If person is not breathing, then give artificial respiration, preferably mouth-to-mouth if possible. Call poison control centre or doctor for further treatment advice.

IF SWALLOWED : Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Induce vomiting by gastric lavage.

IF ON SKIN OR CLOTHING : Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

Have the product container or label with you when calling a poison control centre or doctor or going for treatment.

**READ ALL DIRECTIONS BEFORE USING THIS PRODUCT
PRECAUTIONARY STATEMENTS
HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Harmful if absorbed through skin or inhaled. Avoid breathing vapor. May cause mild eye irritation. Prolonged or frequently repeated skin contact may cause slight irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long sleeved shirt and long pants.
- Waterproof gloves.
- Shoes plus socks
- Use safety goggles

Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

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. Home owner Use: Do not directly apply to water. Do not contaminate water when disposing of equipment wash waters or rinsate.

DIRECTIONS FOR USE

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

USER SAFETY RECOMMENDATIONS

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if the product gets inside. Then wash thoroughly and put on clean clothing.

USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural inputs. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

PRODUCT FEATURES

VIGO gets absorbed quickly by the leaves and integrates with plant's metabolism. The product helps in improving microflora in the soil leading to nutrients assimilation. It Improves absorption and transportation of nutrients inside the plant and helps in increasing the nutrient utilization efficiency. The product increases the photosynthesis in the plant and makes the plant lush green. The product activates phytohormones, increases cell multiplication and thus improves crop growth and vigor. The product strengthens plant and improves defense mechanism to fight against biotic and abiotic stress. Facilitates fecundation, increases fruit, pod & seed development and yield. The buyer or user is reminded that the degree of efficacy of the product is largely dependent on weather conditions, area of application and physical stages of crops

GENERAL INFORMATION

Read all directions before using this product.

VIGO can be applied as directed to any agricultural and horticultural crops up to fruit setting stage at an application dosage of 0.13 to 0.25 Fl. Oz / Gallon. Use Site Section for a complete listing of crops.

SPRAY PREPARATION: Add one-half the required amount of water to the spray tank, then add **VIGO** slowly with agitation, and complete filling the tank with water. Thorough mixing is necessary for uniform coverage. Non-uniform mixing can cause crop injury or can result in lowered effectiveness. For tank mixes, add other components to the tank containing **VIGO** spray mixture and agitate thoroughly. If tank mixture is allowed to sit, agitation is necessary prior to application. Adjusting the spray mixture pH between 5.5 and 7 will provide optimal performance. Always use this product promptly after mixing with water and do not let tank mix sit for any extended period.

COMPATIBILITY: VIGO is compatible with most commonly used pesticides and water soluble fertilizers. To avoid complications, conduct a compatibility test before using this product in a tank mix with other agro inputs. To test for compatibility, mix a small amount of each product, in the recommended proportions, in a small jar.

PHYTOTOXICITY: VIGO has been evaluated for phytotoxicity on a wide range of crops and ornamentals. However, since testing on all varieties of all crops and ornamentals is not feasible, testing a small portion of the area to be treated for phytotoxicity is recommended before treating the entire area. Further, all possible combinations or sequences of agro input sprays, including other fertilizers, surfactants, adjuvants and pesticides, have not been tested, thus testing for phytotoxicity of spray mixtures is recommended. It is further recommended that spray equipment used to apply **VIGO** to be thoroughly cleaned before use. The addition of spray adjuvants may enhance the performance under ideal conditions. Addition of certain adjuvants may cause phytotoxicity therefore, the addition of crop oils and other adjuvants should be thoroughly tested before using. The addition of crop oils to spray mixtures is NOT recommended on ornamental crops.

APPLICATION INSTRUCTIONS

For optimal performance, spray the product in sufficient spray volume and with adequate spray pressure to ensure complete and thorough coverage of all plant surfaces including both the top and bottom leaves. Avoid excessive run off. Best results can be obtained following 2-3 applications made at 15 days interval.

Spraying in any stage of plant growth, pre blossoming and pod/fruit formation. Repeat application if rain occurs within two to three hours of spraying.

SPRAY DIRECTIONS

VIGO can be applied as a foliar spray, drip or a drench to soil media. Always follow equipment manufacturers use directions. **VIGO** may be applied using any powered or manual pesticide application equipment which includes, but is not restricted to, high volume, low volume, ultra-low volume, electrostatic, fogging and chemigation. Follow the original manufacturer's recommendation when using these types of equipment.

CROPS

AGRICULTURAL & HORTICULTURAL CROPS: **VIGO** may be use on agricultural & Horticultural crops, but not limited to the following:

BERRIES GROUP, such as: Blackberry, Bluebeery, Currant, Elderberry, Gooseberry, Huckleberry, Loganberry, Raspberry (black and red), Note: For Strawberries – see miscellaneous.

BULB VEGETABLES, such as: Garlic, Leek, Onion (dry bulb, green and Welch), Shallot

CEREAL GRAINS AND GRAIN GROUP, such as: Barley, Buckwheat, Corn, Millet (pearl and proso), Oats, Popcorn, Rice, Rye, Sorghum (Milo), Teosinte, Triticale, Wheat, Wild rice.

CITRUS FRUITS, such as: Calamondin, Citrus citron, Citrus hybrids, Grape fruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Orange (sour and sweet), Pummelo, Satsuma mandarin, White Sapote, Uniq Fruit.

COTTON AND TOBACCO

CUCURBIT VEGETABLES, such as: Chayote, Chinese waxgourd, Citron melon, Cucumber, Gherkin, Gourd (edible), Muskmelon, Pumpkin, Squash (summer and winter), Watermelon.

FRUITING VEGETABLES, such as: Eggplant, Groundcherry, Pepino, Pepper (including bell pepper, chilli pepper, cooking pepper, pimento, sweet pepper), Tomatillo, Tomato.

HERBS AND SPICES GROUP, such as: Allspice, Angelica, Anise (anise seed and star), Annatto (seed), Balm (lemon balm), Basil, Borage, Bumet, Camomile, Caper buds, Caraway, Caraway (black), Cardamom, Cassia bark, Cassia buds, Catnip, Celery seed, Chervil (dried), Chiv, Chinese Chive, Cinnamon, Clary, Clove buds, Coriander (cilantro or chinese parsley-leaf), Coriander (cilantro-seed), Costmary, Culantro (leaf and seed), Cumin, Curry (leaf), Dill (dillweed and seeds), Fennel (Common, Florence), Fenugreek, Grains of paradise, Horehound, Hyssop, Juniper berry, Lavender, Lemongrass, Lovage (leaf and seed), Mace, Marigold, Marjoram, Mustard (seed), Nasturtium, Nutmeg, Parsley (dried), Pennyroyal, Pepper (black and white), Poppy (seed), Rosemary, Rue, Saffron, Sage, Savory (summer and winter), Sweet bay (bay leaf), Tansy, Tarragon, Thyme, Vanilla, Wintergreen, Woodruff, Wormwood.

LEGUME VEGETABLES (succulent or Dried) such as: Bean, Broad Bean, Chickpea, Guar, Jackbean, Lablab bean, Lentil, Pea, Pigeon Pea, Soybean, Sword bean.

LEAFY AND BRASSICA (COLE) VEGETABLES, such as: Amaranth, Arugula, Broccoli, Broccoli raab (rapini), Brussels Sprouts, Cabbage, Cauliflower, Cardoon, Cavalo broccolo, Celery, Chinese Broccoli (gai ion), Chinese Cabbage (bok choy, Napa), Chinese mustard cabbage (gal choy), Chinese celery, Celluce,

Chervil, Chrysanthemum (edible-leaved Garland), Collards, Com salad, Cress (garden, upland), Dandelion, Dock (sorrel), Endive (escarole), Fennel (florence), Kale, Kohlrabi, Lettuce (head and leaf), Mizuna, Mustard Greens, Mustard Spinach, Orach, Parsley, Purslane (garden, winter), Radiochio (red chicory), Rape greens, Rhubarb, Spinach, Spinach (New Zealand, vine), Swiss Chard.

MISCELLANEOUS, such as: Asparagus, Avocado, Banana, Coffee, Cocoa, Cranberry, Fig, Globe artichoke, Grape, Hops, Kiwi fruit, Mango, Mushroom, Okra, Papaya, Pawpaw, Peanut, Persimmon, Pineapple, Pomegranate, Strawberry, Tea, Water chestnut, Watercress and all other food crops.

POME FRUITS GROUP, such as: Apple, Crabapple, Loquat, Mayhaw, Pear, Oriental pear, Quince.

ROOT AND TUBER VEGETABLE GROUP, such as: Arracacha, Arrowroot, Artichoke (Jerusalem, Chinese), Beet (garden, sugar), Burdock (edible), Canna (edible), Carrot, Cassava (bitter and sweet), Celeriac (celery root), Chayote (root), Chervil (turnip-rooted), Chicory, Chufa, Dasheen (taro), Ginger, Ginseng, Horseradish, Leren, Oriental radish (daikon), Parsley (turnip-rooted), Parsnip, Potato, Radish, Rutabaga, Salsify (oyster plant, black, Spanish), Skirret, Sweet potato, Tanier, Turmeric, Turnip, Yam bean (jicama, manioc pea), Yam (true).

STONE FRUIT GROUP, such as: Apricot, Cherry (sweet and tart), Nectarine, Peach, Plum (Chickasaw, Damson, Japanese), Plumcot, Prune.

TREE AND NUT GROUP, such as: Almond, Beech nut, Brazil nut, Butter nut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut, Hickory nut, Macadamia nut (bush nut), Pecan, Walnut (black and English), Pistachios.

TROPICAL FRUITS, such as: Papaya, Black Sapote, Canistel, Mamey Sapote, Mango, Sapodilla, Star Apple, Guava, Feijoa, Jaboticaba, Wax Jambu, Star Fruit, Passion Fruit, Acerola, Lychee, Longan, Spanish Lime, Rambutan, Pulasan, Sugar Apple, Atemoya, Custard Apple, Cherimoya, Ilima, Soursop and Biriba.

ORNAMENTALS: VIGO may be used on Ornamental including, but not limited to the following:

ORNAMENTAL SHRUBS AND PLANTS, such as: Amaranthus, Aster, Azalea, Ferns, Fuschia, Caladium, Camation, Chrysanthemum, Dahlia, Daisy, Lilies, Ivy, Ficus, Gardenia, Impatiens, Iris, Jasmine, Liliac, Marigold, Philodendron, Poinsettia, Rose, Zinnia.

ORNAMENTAL TREES such as: Ash, Birch, Cedar, Cyprus, Dogwood, Fir, Elm, Juniper, Maple, Oak, Pine, and Spruce

RECOMMENDATIONS ON USAGE

Crops	Dose (Fl. Oz / Gallon)	Time of Application
Roses, Carnations, other ornamentals	0.13-0.25	Apply at any stage of crop growth, repeat 2-3 times or on need basis
Braccoli, tender stem broccoli	0.13-0.25	
Snow peas, Garden peas, Fine beans, Runner Beans	0.13-0.25	

Cucurbits	0.13-0.25	2-3 times from pre-blossoming repeat at 15 days intervals
Chives, onions, garlic	0.13-0.25	Every 15 days after transplanting
Tomatoes, pepper, capsicum	0.13-0.25	From transplanting till harvest starts
Potatoes	0.13-0.25	From 4-5 leaf stage at 2-3 weeks interval
Baby Corn, Maize	0.13-0.25	
Tea	0.13-0.25	Every 2 weeks after pruning
Grapes	0.13-0.25	Every 15 days from flower bud formation, blossoming, fruit set
Strawberry/Raspberry	0.13-0.25	Before, during and after flowering
Coffee	0.13-0.25	Before flowering and at berry expansion
Rice, wheat and barley	0.13-0.25	At tillering stage, repeat 2-3 times
Fruit trees: Mangoes, Citrus, Avocado	0.13-0.25	3 applications-before flowering, after flowering during and after fruit set
Pineapples	0.13-0.25	2-3-application before flowering and during fruit development
Macadamia		

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse container.

STORAGE: Do not store this product above 105 F or below –15 F for extended periods of time. Keep in cool and dry place. Avoid direct sun light. Keep containers tightly closed and in original containers when not in use.

CONTAINER DISPOSAL:

Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

NOTICE ON CONDITIONS OF SALE

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

***Advertising claims that may be presented on the retail container label or
on the labeling accompanying the product***

- Helps in improving micro flora in the soil leading to nutrients assimilation
- Improves absorption and transportation of nutrient inside the plant and helps in increasing nutrient use efficiency
- Increases degree of photosynthesis in the plant, and make the plant lush green
- Activates phytohormones, increases cell multiplication, and thus improves crop growth and vigour
- Facilitates fecundation, improves fruit, pod and seed development, increases yield and also enhances the cosmetic value of the produce
- Strengthens plant and improves defense mechanism to fight against abiotic and biotic stresses