**FIRST AID**

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center for treatment advice.

If Inhaled: Remove person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**Note to Physician:** Treatment is otherwise controlled by removal of exposure followed by symptomatic and supportive care.

**HOTLINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-391-3148 for emergency medical treatment information.

See other panels for additional precautionary statements.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & (Domestic Animals)**

**CAUTION**

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Do not get on skin, in eyes or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

**Personal Protective Equipment (PPE)**

Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks, and waterproof gloves.

Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations**

**Users should:**

Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly and change into clean clothing.

**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.
DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsis-
tent with its labeling.
Do not apply this product in a way that will contact workers or other per-
sons, either directly or through drift. Only protected handlers may be in
the area during application. For any requirements specific to your State
or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling and with the
Worker Protection Standard, 40 CFR part 170. This Standard con-
tains requirements for the protection of agricultural workers on
farms, forests, nurseries, and greenhouses, and handlers of agricul-
tural pesticides. It contains requirements for training, decontamina-
tion, notification, and emergency assistance. It also contains specif-
ic instructions and exceptions pertaining to the statements on this
label about personal protective equipment (PPE), restricted-entry
interval (REI) and notification to workers (as applicable). The
requirements in this box only apply to uses of this product that are
covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the
Restricted Entry Interval (REI) of 12 hours.

PPE required for entry to treated areas that is permitted under the
Worker Protection Standard and that involves contact with any-
thing that has been treated, such as plants, soil, or water, is:
Coversalls, waterproof gloves, and shoes plus socks.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage and dis-
posal.

Pesticide Storage
Keep out of reach of children and animals. Store in original contain-
ers only. Store in a cool, dry place and avoid excess heat. Carefully
open containers. After partial use, fold and roll back bags, clamp
and close tightly. Do not put concentrate or dilute material into food
or drink containers. Do not contaminate other pesticides, fertilizers,
water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and
unprotected persons. Confine spills. Call FMG (800) 331-3148.

To confine spill: Cover to prevent dispersal. Place damaged pack-
age in a holding container. Notify local authorities. Do not use
this product.

Pesticide Disposal
Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facili-
ty.

Contaminated container
Nonrefillable container. Do not reuse or refill
this container. Offer for recycling, if available. Completely empty
container into application equipment. Then dispose of empty bag in
a sanitary landfill or by incineration, or, if allowed by State and Local
authorities, by burning. It burned, stay out of smoke.

GENERAL INFORMATION
Beleaf 50SG is a 50% solids water dispersible granular formulation of the insectic-

cide ficallyl. Beleaf 50SG provides control of a variety of aphid and

and plant bug pests and suppression of some non-aphid pests in Brassica
(cole) leafy vegetables, cucurbit vegetables, fruiting vegetables (except

cucurbit), hop, lasiocarpa, and brassica. Tuberosus and com-

vegetables, root vegetables (except sugar beets), pome fruit and stone
fruit.

The rate of application is dependent upon the insect species present,
the level of insect pressure, and the amount of foliage present. Begin
applications before populations begin to build or at economic thresholds
according to local economic guidelines. For further information, see the
Local Cooperative Extension Guidelines.

Mode of Action
Beleaf 50SG is a member of the pyridinecarboxamide class of

pesticides. Beleaf 50SG is effective in two categories of programs that attempt to minimize pest
resistance. Beleaf 50SG is a Group 9C (selective feeding blocker)

insecticide and may be tank mixed or rotated with other insecticides from
different groups. An insect management program that includes alternation
and/or tank mixtures between Beleaf 50SG and other labeled insecticides
that have a different mode of action and/or control insect pests not controlled
by Beleaf 50SG is essential to prevent insect resistant populations from
developing. Consult with your Federal or State Cooperative Extension
Service for recommendations on programs that use Beleaf 50SG in
programs to minimize the occurrence of pest resistance.

Use Restrictions
Do not use this product in greenhouses.
Do not use this product in home gardens.

Crop Rotation Restrictions
Following application of Beleaf 50SG, any crop listed on this label
may be planted as a rotational crop.
All other crops may be planted 30 days after the last application of
Beleaf 50SG.

Maximum Seasonal Use and Pre-Harvest Intervals

<table>
<thead>
<tr>
<th>Crop</th>
<th>Maximum Seasonal Total (pounds active ingredient/Acre)</th>
<th>PHI Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brassica (cole) Leafy Vegetables</td>
<td>0.267</td>
<td>0</td>
</tr>
<tr>
<td>Cucurbit Vegetables</td>
<td>0.267</td>
<td>0</td>
</tr>
<tr>
<td>Fruiting Vegetables (except Cucurbit)</td>
<td>0.267</td>
<td>0</td>
</tr>
<tr>
<td>Hop</td>
<td>0.267</td>
<td>10</td>
</tr>
<tr>
<td>Leafy Vegetables (except Brassica)</td>
<td>0.267</td>
<td>0</td>
</tr>
<tr>
<td>Tuberosus and Corn Vegetables</td>
<td>0.267</td>
<td>7</td>
</tr>
<tr>
<td>Red Leaf Vegetables (except Sugar Beets)</td>
<td>0.267</td>
<td>3</td>
</tr>
<tr>
<td>Pome Fruit</td>
<td>0.267</td>
<td>21</td>
</tr>
<tr>
<td>Stone Fruit</td>
<td>0.267</td>
<td>14</td>
</tr>
</tbody>
</table>

Mixing and Loading Instructions
The spray system must be clean and free of residues from previous
applications. Fill the spray tank with clean water. The tank
must be operating and sufficient to provide uniform spray mix-
ing during application and until the spray tank has been emptied.
Complete filling the spray tank to the desired level.
Do not store Beleaf 50SG spray mixtures overnight.
Pre-mixing Beleaf 50SG solutions in nurse tanks is not recommended.
Do not prepare more spray mixture than is needed for the immediate application.
Do not use liquid fertilizer as a carrier for Beleaf 50SG.

Tank Mixtures
Beleaf 50SG can be tank mixed with products labeled for use on the crops/sites listed on this label in accordance with the more (most)
restrictive of label limitations and precautions. No label dosage rates
may be exceeded. The product cannot be mixed with any product con-
taining a label prohibition against such mixing. Read and follow all man-
ufacturer’s label recommendations for the companion product. Beleaf
50SG is generally compatible with other insecticides, fungicides, fertili-
ers, and micronutrients provided sufficient free water is available
for dispersion of all the tank mix products. However, the physical
compatibility of Beleaf 50SG with tank mix partners should be evaluated
using a jar test before use.

The crop safety of all potential tank mixtures on all crops may not have been
tested. Before applying any tank mixture not specifically recom-

mended on this label, the safety to the target crop must be confirmed.

In general, tank mix partners should be added in the following order:
products in water-soluble packaging, wettable powders or wettable
granules or dry flowables, liquid flowables, liquids then emulsifiable
concentrates. Allow each tank mix partner to become completely dispersed
before adding the next product.

Spray Equipment Clean Out:
After spraying Beleaf 50SG thoroughly clean the sprayer before using
sprayer equipment for any other applications. In addition, users must take
appropriate steps to ensure proper equipment clean out for any
other products mixed with Beleaf 50SG as required on the other prod-
tuct labels. Refer to the Environmental Hazards statements regarding
disposal of equipment washwaters.

Application Information
All aerial and ground application equipment must be properly main-
ained and calibrated using appropriate carriers. Use the largest droplet
size consistent with good pest control.

Thorough spray coverage of plant foliage is essential for optimum con-
trol. Apply in sufficient water to ensure good coverage. Finished spray
volumes should be increased under extreme pest populations or dense
described.

Ground Application
Utilize a boom and nozzle sprayer equipped with the appropriate nozz-
les, spray tips and screens and adjusted to provide optimum spray dis-
tribution and coverage at the appropriate operating pressures. Utilize
nozzles that produce minimal amounts of fine spray droplets. Do not
exceed 30 psi spray pressure unless otherwise required by the manu-
facturer of drift reducing nozzles. Sprayers should be adjusted to posi-
tion spray tips a minimum of 18 inches above the crop. Be aware that
overspray and slower growth rates can occur while protecting stopping or turning
while spraying may result in higher application rates.

Aerial Application
Utilize a boom and nozzle sprayer equipped with the appropriate nozz-
les, spray tips and screens and adjusted to provide optimum spray dis-


Aerial Drift Reduction Advisory

This section is advisory in nature and does not supersede the mandatory label requirements.

Information on Droplet Size

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (See Wind, Temperature and Humidity, and Temperature Inversions).

Controlling Spray Droplet Size

Volume - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.

Pressure - Do not exceed the nozzle manufacturer’s recommended pressures. For many nozzle types lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

Number of nozzles - Use the minimum number of nozzles that provide uniform coverage.

Nozzle Orientation – For aerial application, orient nozzles so that the spray is released parallel to the air stream as this produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.

Nozzle Type - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets.

Boom Length - For some aerial use patterns, reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.

Application Height - Aerial applications should not be made at a height greater than 10 feet above the top of the target plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

Swath Adjustment - When aerial applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the upwind and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase, with increasing drift potential (higher wind, smaller drops, etc.)

Wind - Drift potential is lowest between winds speeds of 3 to 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 3 mph due to variable wind direction and high inversion potential. NOTE: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

Temperature and Humidity - When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

Temperature Inversions -Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Large droplets are washed out of the spray cloud by gravity and the higher atmosphere inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud, under low wind conditions, indicates an inversion, while smoke that moves upward and rapidly dissipates indicates vertical air mixing.

Sensitive Areas - The pesticide should only be applied when the wind is blowing away from adjacent sensitive areas such as residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops.

Using Water from Public Water Systems:

DO NOT APPLY Beleaf 50SG THROUGH ANY IRRIGATION SYSTEM PHYSICALLY CONNECTED TO A PUBLIC WATER SYSTEM. Public water systems means a system for the provision of the public of piped water for human consumption. However, if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year, Beleaf 50SG may be applied through irrigation systems, which may be supplied by a public water system, to farm land from the water system discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe to prevent pesticide contamination. Air gaps at the top of the fill pipe shall be designed in such a way that the air gap exists and that there is no blockage of the overflow of the reservoir tank.

Spray Drift Management

AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND THE GROWER.

The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. Where states have more stringent regulations, they must be observed.

OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS; ESTUARIES AND COMMERCIAL FISH FARM PONDS.

1. Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.
2. Do not cultivate within 10 feet of the aquatic area so as to allow growth of a vegetative filter strip.
3. Do not apply by ground equipment within 25 feet, or by air within 150 feet, of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds. Increase the buffer zone to 450 feet when ultra low volume, ULV, application are made.

The applicator should be familiar with and take into account the information covered in the Aerial Drift Reduction Advisory below.
Insect Spectra

The following tables list various insect species, which are either effectively controlled or suppressed when appropriate application rates of Beleaf 50SG are made at appropriate timings. See specific crop sections for recommendations on specific pests.

Suppression may be erratic control ranging from good to poor, or a consistent level of control below that generally considered commercially acceptable.

### Aphid Pests

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Scientific Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apple Aphid</td>
<td>Aphis pomi</td>
</tr>
<tr>
<td>Black Bean Aphid</td>
<td>Aphis fabae</td>
</tr>
<tr>
<td>Black Cherry Aphid</td>
<td>Myzus cerasi</td>
</tr>
<tr>
<td>Cabbage aphid</td>
<td>Brevicoryne brassicae</td>
</tr>
<tr>
<td>Cotton / Melon aphid</td>
<td>Aphis gossypii</td>
</tr>
<tr>
<td>Cowpea Aphid</td>
<td>Aphis craccivora</td>
</tr>
<tr>
<td>English Grain aphid</td>
<td>Sitobion avenae</td>
</tr>
<tr>
<td>Green Peach aphid</td>
<td>Myzus persicae</td>
</tr>
<tr>
<td>Greenbug</td>
<td>Schizaphis graminum</td>
</tr>
<tr>
<td>Hop Aphid</td>
<td>Phorodon humuli</td>
</tr>
<tr>
<td>Leaf Curl Plum aphid</td>
<td>Brachychaetis helichrysi</td>
</tr>
<tr>
<td>Mealy Plum aphid</td>
<td>Hyalopterus pruni</td>
</tr>
<tr>
<td>Fagelove Aphid</td>
<td>Aulecanium solani</td>
</tr>
<tr>
<td>Pea Aphid</td>
<td>Acyrthosiphon pisum</td>
</tr>
<tr>
<td>Potato aphid</td>
<td>Macrosiphum euphorbiæ</td>
</tr>
<tr>
<td>Red Lettuce Aphid</td>
<td>Uroleucon pseudembrisceae</td>
</tr>
<tr>
<td>Rosy apple aphid</td>
<td>Dysaphis plantaginea</td>
</tr>
<tr>
<td>Spirea aphid</td>
<td>Aphis spireaecola</td>
</tr>
<tr>
<td>Turnip aphid</td>
<td>Lygus erysimi</td>
</tr>
<tr>
<td>Woolly Apple Aphid</td>
<td>Eriosoma lanigerum</td>
</tr>
<tr>
<td>Red Lettuce Aphid</td>
<td>Nasonovia ribis-nigrri</td>
</tr>
</tbody>
</table>

### BRASSICA (COLE) LEAFY VEGETABLES (0 DAY PHI)

**INCLUDING:**
Broccoli, Chinese broccoli, Broccoli raab (rapini), Brussels sprouts, Cabbage, Chinese cabbage (bok choy), Chinese cabbage (napa), Chinese mustard cabbage, Cauliflower, Cavelo broccoli, Collards, Kale, Kohlrabi Mizuna, Mustard greens, Mustard spinach, Rape greens and Turnip greens.

<table>
<thead>
<tr>
<th>PESTS</th>
<th>Rate of Application</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ounces Beleaf / Acre</td>
<td>Lbs. Active Ingredient / Acre</td>
</tr>
<tr>
<td><strong>Aphids and Plant Bugs</strong></td>
<td>2.0 to 2.8</td>
<td>0.062 to 0.065</td>
</tr>
<tr>
<td></td>
<td>Begin applications before populations begin to build; before damage is evident according to local pest management guidelines. Use LOWER RATE for greater populations and/or dense foliage. Rapidly growing plants may need retreatment. Scout fields often and retreat as necessary to maintain populations below damaging levels.</td>
<td></td>
</tr>
<tr>
<td><strong>Greenhouse Whitefly</strong></td>
<td>2.6</td>
<td>0.089</td>
</tr>
<tr>
<td></td>
<td>Apply when adult whiteflies first appear. Do not allow population to increase unchecked before making first application. Application provides SUPPRESSION only. For control, apply in combination with other effective products labeled for use on these listed crops. Scout fields often and retreat as necessary to maintain populations below damaging levels.</td>
<td></td>
</tr>
</tbody>
</table>

**Non-Aphid Insect Pests**

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Scientific Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cotton Flea Hopper</td>
<td>Pseudomoscelis seriatus</td>
</tr>
<tr>
<td>Greenhouse Whitefly</td>
<td>Trialeurodes varipariorum</td>
</tr>
<tr>
<td>Tamished Plant Bug</td>
<td>Lygus lineolaris</td>
</tr>
<tr>
<td>Western Plant Bug</td>
<td>Lygus hesperus</td>
</tr>
</tbody>
</table>

**Rate Conversion Chart for Beleaf 50SG**

<table>
<thead>
<tr>
<th>Ounces Beleaf 50SG / A</th>
<th>Pounds Beleaf 50SG / A</th>
<th>Pounds AI / A</th>
<th>Treated Acres / Pound Beleaf 50SG</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.4</td>
<td>0.088</td>
<td>0.044</td>
<td>11.4</td>
</tr>
<tr>
<td>1.7</td>
<td>0.106</td>
<td>0.053</td>
<td>9.4</td>
</tr>
<tr>
<td>2.0</td>
<td>0.125</td>
<td>0.062</td>
<td>8.0</td>
</tr>
<tr>
<td>2.4</td>
<td>0.15</td>
<td>0.075</td>
<td>6.7</td>
</tr>
<tr>
<td>2.8</td>
<td>0.175</td>
<td>0.089</td>
<td>5.7</td>
</tr>
</tbody>
</table>

*Thorough spray coverage of plant foliage is essential for optimum control. Apply in sufficient water to ensure good coverage; use a minimum of 10 gallons per acre when applied by air; use a minimum of 3 gallons per acre by air. Finishing spray volumes should be increased under extreme pest populations or dense plant foliage. Do not apply more than 2.8 ounce Beleaf 50SG (0.088 lbs. ai/acre) per application; do not apply more than 8.4 ounce Beleaf 50SG (0.267 lbs. ai/acre) per season. Do not apply more than 3 applications at the 2.8 ounce Beleaf 50SG rate per season. Allow a minimum of 7 days between applications. If identification of aphid species has not been confirmed, use HIGHER RATE.

Beleaf 05SG reduces the numbers of aphids which may carry viruses, plant diseases or plant pathogens.
Cucurbit Vegetables (0 day PHI) INCLUDING:
Balsam apple, balsam pear, bitter melon, Chayote, Chinese cucumber, Chinese waxgourd (Chinese preserving melon), Citron melon; Cucumber, Gherkin, Gourd, edible (includes: hyotan, cucurra, hechina and Chinese okra); Muskmelon (includes: true cantaloupe, cantaloupe, casaba, crenshaw melon, golden persimmon, honeydew melon, honey bell, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon); Pumpkin, Squash, summer (includes: crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini); Watermelon, Winter Squash (includes butternut squash, calebaza, hubbard squash, acorn squash, spaghetti squash)

<table>
<thead>
<tr>
<th>PESTS</th>
<th>Rate of Application</th>
<th>COMMENTS¹ ¹²</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ounces/Beef/Acre</td>
<td>Libs. Active Ingredient/Acre</td>
</tr>
<tr>
<td>Aphids and Plant Bugs</td>
<td>2.0 to 2.8</td>
<td>0.062 to 0.089</td>
</tr>
</tbody>
</table>

Begin applications before populations begin to build and before damage is evident, according to local pest management guidelines. Use LOWER RATE for building populations and use HIGHER RATE for greater populations and/or dense foliage. Rapidly growing plants may need retreatment. Scout fields often and retreat as necessary to maintain populations below damaging levels.

Greenhouse Whitfly          2.8  0.089
Apply when adult whitflies first appear. Do not allow population to increase unchecked before making first application. Application provides SUPPRESSION only. For control, apply in conjunction with other effective products labeled for use on these listed crops. scout fields often and retreat as necessary to maintain populations below damaging levels.

FRUIT VEGETABLES (EXCEPT CUCURBITS) (0 DAY PHI) INCLUDING:
Eggplant; Groundcherry, Okra, Pepino, Pepper (includes: bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), Tomatillo, Tomato

<table>
<thead>
<tr>
<th>PESTS</th>
<th>Rate of Application</th>
<th>COMMENTS¹ ¹²</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ounces of Beleaf 505G/Acre</td>
<td>Libs. Active Ingredient/Acre</td>
</tr>
<tr>
<td>Aphids and Plant Bugs</td>
<td>2.0 to 2.8</td>
<td>0.062 to 0.089</td>
</tr>
</tbody>
</table>

Begin applications before populations begin to build and before damage is evident, according to local pest management guidelines. Use LOWER RATE for building populations and use HIGHER RATE for greater populations and/or dense foliage. Scout fields often and retreat as necessary to maintain populations below damaging levels. Rapidly growing plants may need retreatment.

Greenhouse Whitfly          2.8  0.089
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HOP (10 DAY PHI)

<table>
<thead>
<tr>
<th>PESTS</th>
<th>Rate of Application</th>
<th>COMMENTS¹ ¹²</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ounces Beleaf 505G/Acre</td>
<td>Libs. Active Ingredient/Acre</td>
</tr>
<tr>
<td>Hop Aphid</td>
<td>1.7 to 2.8</td>
<td>0.053 to 0.089</td>
</tr>
</tbody>
</table>

Begin applications before populations begin to build and before damage is evident, according to local pest management guidelines. Use LOWER RATE for building populations and use HIGHER RATE for greater populations and/or dense foliage. Scout fields often and retreat as necessary to maintain populations below damaging levels. Rapidly growing plants may need retreatment.

LEAFY VEGETABLES (EXCEPT BRASSICA) (0 DAY PHI)
Amaranth (leafy amaranth, Chinese spinach, tampala), Arugula (rouquette), Cardoon, Celery, Chinese Celery, Celtece, Chervil, Chrysanthemum (edible leaved and garnard), Corn salad, Cress (garden and upland), Dandelion, Dock (sorrel), Endive (escarole), Florence fennel, Lettuce (head and leaf), Orach, Purslane, Purslane (garden and winter), Radicchio (red chicory), Rhubarb, Spinach, Spinach (New Zealand), Swiss chard, Vine spinach (Malabar and Indian)

<table>
<thead>
<tr>
<th>PESTS</th>
<th>Rate of Application</th>
<th>COMMENTS¹ ¹²</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ounces of Beleaf 505G/Acre</td>
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</tr>
<tr>
<td>Aphids and Plant Bugs</td>
<td>2.0 to 2.8</td>
<td>0.062 to 0.089</td>
</tr>
</tbody>
</table>

Begin applications before populations begin to build and before damage is evident, according to local pest management guidelines. Use LOWER RATE for building populations and use HIGHER RATE for greater populations and/or dense foliage. Rapidly growing plants may need retreatment. Scout fields often and retreat as necessary to maintain populations below damaging levels.

Greenhouse Whitfly          2.8  0.089
Apply when adult whitflies first appear. Do not allow population to increase unchecked before making first application. Application provides SUPPRESSION only. For control, apply in conjunction with other effective products labeled for use on these listed crops. Scout fields often and retreat as necessary to maintain populations below damaging levels.

¹Throughout spray coverage of plant foliage is essential for optimum control. Apply in sufficient water to ensure good coverage, use a minimum of 10 gallons per acre when applied by ground, a minimum of 5 gallons per acre by air. Finished spray volumes should be increased under extreme pest populations or dense plant foliage. Do not apply more than 2.8 ounces of Beleaf 505G (0.089 lbs. active) per application; do not apply more than 8.4 ozs. per acre (Beleaf 505G (0.267 lbs. active)) per season. Do not apply more than 3 applications at the 2.8 oz./acre Beleaf 505G rate per season. Allow a minimum of 7 days between applications. If identification of aphid species has not been confirmed, use HIGHER RATE.

²Beleaf 505G reduces the numbers of aphids which may carry viruses, plant diseases or plant pathogens.
### TUBEROUS AND CORM VEGETABLES (7 DAY PHI) INCLUDING:

- Arracacha
- Arrowroot
- Chinese artichoke
- Jerusalem artichoke
- Edible cannas
- Cassava (bitter and sweet)
- Chayote (root)
- Chufa
- Dasheen
- Ginger
- Leren
- Potato
- Sweet potato
- Tanier
- Turmeric
- Yam bean
- Yam (true)

<table>
<thead>
<tr>
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<th>Rate of Application</th>
<th>COMMENTS</th>
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<tbody>
<tr>
<td></td>
<td>Ounces Beleaf 50SG/Gallon</td>
<td>Lbs. Active Ingredient/Gallon</td>
</tr>
<tr>
<td>Aphids and Plant Bugs</td>
<td>2.0 to 2.8</td>
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</tr>
<tr>
<td>Greenhouse Whitefly</td>
<td>2.8</td>
<td>0.089</td>
</tr>
</tbody>
</table>

### ROOT VEGETABLES (EXCEPT SUGAR BEETS) (3 DAY PHI) INCLUDING:

- Beet
- Garden
- Burdock
- Edible
- Carrot
- Celery
- Chervil
- Turnip
- Chicory
- Ginseng
- Horseradish
- Parsley
- Turnip-rooted
- Parsnip
- Radish
- Radish, oriental
- Rutabaga
- Salsify
- Salsify, black
- Salsify, Spanish
- Skirret
- Turnip

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<tr>
<td>Greenhouse Whitefly</td>
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### POME FRUIT (21 day PHI) INCLUDING:

- Apple
- Crabapple
- Loquat
- Mayhaw
- Pear
- Oriental Pear
- Quince

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</tr>
</tbody>
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1. Through spray coverage of plant foliage is essential for optimum control. Apply in sufficient water to ensure good coverage; use a minimum of 10 gallons per acre when applied by ground; use a minimum of 3 gallons per acre by air. Finished spray volumes should be increased under extreme pest populations or dense plant foliage. Do not apply more than 2.8 oz./acre Beleaf 50SG (0.089 lbs./ acre) per application; do not apply a total of more than 8.4 oz./acre Beleaf 50SG (0.267 lbs. aerial) per season. Do not apply more than 3 applications at the 2.8 oz./acre Beleaf 50SG rate per season. Allow a minimum of 7 days between applications. Identification of aphid species has not been confirmed, use HIGHER RATE.

2. Beleaf 50SG is recommended as a supplemental foliar control of Green Peach Aphid in long season programs following an insecticidal program using systemic insecticides, and for primary foliar control of Green Peach Aphids in short season rotations. Scout fields, before aphid flights begin, at intervals and in locations sufficient to provide representative information on population development. Consult local pest management guidelines for correct procedures. For application of Beleaf 50SG should begin when Green Peach aphid numbers reach 5 per 100 leaves. 1 for every splash aphid per plant or the observation of wireless aphids; consult local pest management guidelines for specific recommendations. Beleaf 50SG reduces the numbers of aphids which may carry viruses, plant diseases or plant pathogens.

3. Through spray coverage of plant foliage is essential for optimum control. Apply in sufficient water to ensure good coverage; use a minimum of 10 gallons per acre when applied by ground, preferably at night; use a minimum of 10 gallons per acre by air. Finished spray volumes should be increased under extreme pest populations or dense plant foliage. Do not apply more than 2.8 oz./acre Beleaf 50SG (0.089 lbs. aerial) per application; do not apply more than 8.4 oz./acre Beleaf 50SG (0.267 lbs. aerial) per season. Do not apply more than 3 applications at the 2.8 oz./acre Beleaf 50SG rate per season. Allow a minimum of 7 days between applications. Identification of aphid species has not been confirmed, use HIGHER RATE.
STONE FRUIT (14 DAY PHI) INCLUDING:
Apricot, Cherry (sweet and tart), Nectarine, Peach, Plum (includes Chinkapaw plum, Damson plum, and Japanese plum), Plumcot, Prune (fresh)

<table>
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<tr>
<td></td>
<td>Oz/Beal 50SG/Acre</td>
<td>Lbs. Active Ingredient/Acre</td>
</tr>
<tr>
<td>Aphids and Plant Bugs</td>
<td>2.0 to 2.8</td>
<td>0.0062 to 0.009</td>
</tr>
</tbody>
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¹Though spray coverage of plant foliage is essential for optimum control. Apply in sufficient water to ensure good coverage; use a minimum of 30 gallons per acre when applied by ground, preferably air blast; use a minimum of 10 gallons per acre by air. Finished spray volumes should be increased under extreme pest populations or dense plant foliage. Do not apply more than 2.8 oz/acre Beal 50SG (0.089 lbs. fl oz/acre) per application; do not apply more than 8.4 oz/acre Beal 50SG (0.267 lbs. fl oz/acre) per season. Do not apply more than 3 applications at the 2.8 oz/acre Beal 50SG rate per season. Allow a minimum of 7 days between applications. If identification of aphid species has not been confirmed, use HIGHER RATE.

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