FOLIAR X-CYTO® APPLICATION GUIDE

KEEP OUT OF REACH OF CHILDREN

CAUTION:

- Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling this product.
- Personal Protective Equipment (PPE) requirements:
  - Follow the manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions are given for washables, use detergent and hot water. Do not use chlorine bleach or detergent to clean PPE.
- Warm the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

PERSONAL PROTECTIVE EQUIPMENT

Applicants and other handlers must wear:
- Long-sleeved shirts and long pants
- Shoes plus socks
- Waterproof gloves
- Follow the manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions are given for washables, use detergent and hot water. Do not use chlorine bleach or detergent to clean PPE.
- Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

USER SAFETY RECOMMENDATIONS

Stories should:
- Wash hands before eating, drinking, chewing gum, using tobacco or going to the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash clothing thoroughly and dry it before reusing.
- Remove PPE immediately after handling this product.
- Follow the manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions are given for washables, use detergent and hot water. Do not use chlorine bleach or detergent to clean PPE.

ENVIROMENTAL HAZARDS

DO NOT apply directly to water, or to areas where surface water is present or to intertidal areas adjacent to coastal wetlands. DO NOT contaminate water by cleaning of equipment or disposal of equipment washwater or rinsate.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. DO NOT apply this product in a way that will contact or be beyond the control of the person who does the applying, or that will result in the product being applied to a tolerances, or in a manner that will result in the pesticide being applied to a public interest. To assure adequate and even coverage. Examples of the amount of dilution water to be applied are given in the table below.

COMPATIBILITY

Apply Foliar X-CYTO with sufficient water to ensure coverage without excessive runoff. Foliar X-CYTO can be tank mixed with herbicides, insecticides, fungicides, nematicides, and fertilizers. Add Foliar X-CYTO last, with agitation, to spray tank mixes containing the other fully diluted chemicals. Test the compatibility of the intended tank mix with a standard test jar before use.

Storage and Disposal

DO NOT contaminate water, food, or feed by storage or disposal. PESTICIDE DISPOSAL:

Wastes resulting from the use of this product must be disposed of by conventional waste disposal procedures. CONTAINER HANDLING:

Non-refillable container; DO NOT reuse or refill the container. Non-refillable container; DO NOT use for any purpose other than the treatment of water. Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds. Pour waste into application equipment, or mix tank, and drain for 10 seconds. Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds. Pour waste into application equipment, or mix tank, and drain for 10 seconds.

HEAVY METAL INVENTORY STATEMENT

Information regarding the contents and levels of metals in this product is available on the Internet at http://www.epa.gov/iris.htm.

NOTICE OF WARRANTY

Conklin Company, Inc. warrants that this product conforms to its chemical composition and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. Conklin Company, Inc. shall not be held liable for consequential, special or indirect damages resulting from the use or misuse of this product. Conklin Company, Inc. shall not be liable for consequential, special or indirect damages resulting from the use or misuse of this product.

Manufactured for:

Conklin Company, Inc.
AgroVantage Division
515 Valley Park Drive
Skaneateles, NY 13152-1874

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<table>
<thead>
<tr>
<th>Crop</th>
<th>Improve Flowering and Fruit Set</th>
<th>Improve Color</th>
<th>Improve Seed and Development</th>
<th>After Bloom Period/Congress Bloom</th>
<th>Increase Fruit Retention</th>
<th>Band Application Rate</th>
<th>Use with Soil X-CYTO®*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa: Hay</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>20</td>
<td>N</td>
<td>One application as new growth is initiated or after each cutting with insecticide sprays to stimulate regrowth.</td>
</tr>
<tr>
<td>Alfalfa: Sweet production</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>30</td>
<td>O</td>
<td>P application pre-bloom to early bloom; repeat application to regulate bloom during flowering.</td>
</tr>
<tr>
<td>Amaranth</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>20</td>
<td>O</td>
<td>P application at shoot emergence to stimulate shoot initiation.</td>
</tr>
<tr>
<td>Asparagus</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>16 to 20</td>
<td>16</td>
<td>0</td>
</tr>
<tr>
<td>Barley, Pearl</td>
<td>Y</td>
<td>Y</td>
<td>24</td>
<td>O</td>
<td>P application at peak growth; 2nd application 15 days later.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barleys such as Bluesbarleys, Blackbarleys, Curritbars, Hulkerbarleys, Ugandanbarleys, Tasbarleys</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>20</td>
<td>10 to 20</td>
<td>0</td>
</tr>
<tr>
<td>Brussels (Coles) Vegetables such as Broccolines, Brussels Sprouts, Cabbage, Chinese Cabbage, Cauliflower, Cabbages, Kale, Kohlrab, Mustard Greens, Rapi and Brusselca Seed Production (excluding Hybrid Seed Production)</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>20</td>
<td>10 to 20</td>
<td>0</td>
</tr>
<tr>
<td>Both Vegetables such as Garlic, Leeks, Orions (dry, bulb, green) Shallots</td>
<td>Y</td>
<td>Y</td>
<td>20</td>
<td>O</td>
<td>P application of the four to six leaf stage; 2nd application 15 days later.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carna (Pineapple)</td>
<td>Y</td>
<td>Y</td>
<td>10</td>
<td>O</td>
<td>P application of flowering.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cassava (Yucca)</td>
<td>Y</td>
<td>Y</td>
<td>8</td>
<td>O</td>
<td>One application at flowering.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Citrus Fruits such as Calamond, Citron, Lemon, Limes, Mandarin, Oranges</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>15 to 32</td>
<td>F</td>
<td>P application 30 days prior to bloom; 2nd application at peak drop; 3rd application prior to fruit drop. To stimulate off-season bloom in lemons and tangerines, make three applications at seven day intervals, beginning 30 days prior to desired bloom period.</td>
</tr>
<tr>
<td>Cucumbers</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>20</td>
<td>10 to 20</td>
<td>0</td>
</tr>
<tr>
<td>Corn (all varieties), Sorghum (Milo)</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>10 to 30</td>
<td>5 to 10</td>
<td>O</td>
</tr>
<tr>
<td>Cotton</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>10</td>
<td>0</td>
<td>Three to four fluid ounces per acre applications; beginning at peanut stage; OR: one-eighth ounce per acre application at all peanut stage.</td>
</tr>
<tr>
<td>Cranberries</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>16</td>
<td>O</td>
<td>P application at first scattered bloom; 2nd application seven to 10 days earlier.</td>
</tr>
<tr>
<td>Cucurbit Vegetables such as Cucumber, Squash, Cantaloupe, Cucumbers</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>12</td>
<td>8 to 12</td>
<td>0</td>
</tr>
<tr>
<td>Figs, Papayas, Peaches, Persimmons, Pineapples</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>20</td>
<td>Y</td>
<td>P application at first open bloom; 2nd application seven to 14 day after first.</td>
</tr>
<tr>
<td>Foliage Vegetables such as Eggplant, Ground cherries, Peppers (bell, chili, cayenne, pimentos, sweet), Tomatillos, Tomatoes</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>15 to 32</td>
<td>12</td>
<td>Y</td>
</tr>
<tr>
<td>Grapes (ripe, fruit, table processing, wine, table)</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>16</td>
<td>8</td>
<td>O</td>
</tr>
<tr>
<td>Grapes (undressed)</td>
<td>Y</td>
<td>Y</td>
<td>16</td>
<td>O</td>
<td>One application at bud break; 2nd application at full bloom; 3rd application prior to full drop.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greens</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>16</td>
<td>O</td>
<td>To increase fruit set; make an application at flowering. To decrease shatter and improve berry size and color; make an application with sizing sprays.</td>
</tr>
<tr>
<td>Herbs and Spices such as Anise (Fennel), Basil, Chives, Cloves, Mint, Milk, Nutmeg, Parsley, Rosemary, Sage</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>12</td>
<td>10 to 12</td>
<td>O</td>
</tr>
<tr>
<td>Hop</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>16</td>
<td>10</td>
<td>O</td>
</tr>
<tr>
<td>Horse</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>20</td>
<td>8</td>
<td>O</td>
</tr>
<tr>
<td>Kefir</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>16 to 20</td>
<td>8 to 12</td>
<td>0</td>
</tr>
<tr>
<td>Leafy Vegetables such as Arugula, Celery, Cress, Endile, Lettuce, Purslane, Radicchio, Rhusbath, Spinach, Swiss Chard</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>10 to 16</td>
<td>5</td>
<td>O</td>
</tr>
<tr>
<td>Legume Vegetables (fresh, dry and processing) such as Beans (all varieties), Garbanzos, Lentils, Peas (all varieties), Soybeans</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>12</td>
<td>10 to 12</td>
<td>O</td>
</tr>
<tr>
<td>Ornamental: Woody, Cut Flowers, Bedding/Landscape, Container</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>8 to 16</td>
<td>4</td>
<td>O</td>
</tr>
<tr>
<td>Peanuts</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>16</td>
<td>0</td>
<td>O</td>
</tr>
<tr>
<td>Pomoc Fruit such as Apples, Crab Apples, Pears, Quinces</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>16 to 32</td>
<td>10</td>
<td>O</td>
</tr>
<tr>
<td>Root and Tuber Vegetables such as Beets (Red, Sugar), Carrots, Ginger, Horseradish, Parsnips, Potatoes, Radishes, Sweet Potatoes, Turnips, Yams, Root and Tuber Vegetables Seed Production</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>20</td>
<td>10 to 12</td>
<td>0</td>
</tr>
<tr>
<td>Stone Fruits such as Apricots, Cherries, Peaches, Nectarines</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>16 to 32</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>Strawberries</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>16 to 32</td>
<td>12</td>
<td>O</td>
</tr>
<tr>
<td>Sweet Nuts such as Almonds, Cashews, Filberts (Hazelnuts), Pecan, Walnuts</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>16 to 32</td>
<td>10</td>
<td>O</td>
</tr>
<tr>
<td>Tobacco</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>20</td>
<td>6</td>
<td>O</td>
</tr>
</tbody>
</table>

* Lower use rates recommended under FIFRA Section 2 (ee)

1. Some applications of Folar X-CYTO® are improved when made in combination with soil X-CYTO®. Y = Yes, N = No, O = Optional. G = Apply Soil X-CYTO® label application guide for further information.