

LT BioSyn, Inc.

PhotoGro™ 2-0-0
Foliar Nutritional Liquid

Active Ingredient:	By wt
Total Nitrogen (N)	2.0%
2.0% Urea nitrogen	
Boron (B)	0.9%
Zinc (Zn)	0.9%

Nutritional supplements derived from Urea, Boric acid and Zinc sulfate.

Warning: This product contains Boron; application to any crops other than those recommended may result in injury.

CAUTION

Store in a Cool and Dry Place
Keep Out of Reach of Children and Livestock

PRECAUTIONARY STATEMENTS

Before using this product, read all precautions, directions for use, conditions of sale-limited warranty and limitations of liability and remedies.

CONDITIONS OF SALE – LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

The directions of use on this label are believed to be reliable and should be followed carefully. Crop conditions, weather conditions and other factors may influence the application results. LT BioSyn Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose described in these directions for use subject to the factors, which are beyond the control of LT BioSyn, Inc. LT BioSyn, Inc makes no other warranties or representations of any kind, expressed or implied, concerning the product. LT BioSyn, Inc. shall not be liable and any and all claims against LT BioSyn, Inc. are waived, for special, indirect, incidental or consequential damages or expenses of any nature.

Information regarding the contents and levels of metals in this product
Is available on the internet at: <http://www.aapfco.org/metals.htm>

NET CONTENTS: AS MARKED ON CONTAINER

LT BioSyn, Inc.
3406 Pomona Blvd.
Pomona, California 91768

GENERAL INFORMATION

PhotoGro is a unique and superior liquid foliar nutrient containing zinc and boron. Both zinc and boron are involved in plant photosynthetic processes. The timing of the *PhotoGro* applications may vary from crop to crop as shown in the table below.

APPLICATION DIRECTIONS

For all crops, unless otherwise specified, tank mix apply *PhotoGro* by adding 13 fluid ounces per 100 gallons of water, and spray crop canopy with sufficient volume to ensure uniform coverage. For more specific instructions and rates see the following table of crops; the rate is expressed as fluid ounces of *PhotoGro* per acre in the corresponding volume of water per acre. Use the lower rate with the corresponding lower volume or higher rate with the higher volume.

Crop	Application & Timing	PhotoGro Rate /Acre	Water Volume /Acre
Brassica Vegetables such as: Broccoli, Cauliflower, Cabbage & Mustard greens	1 st application: when the 5th leaf is unfolded.	2 fl. oz.	15 gal
	2 nd application: 10-14 days after first application. Repeat as needed.	2-3 fl. oz.	15-25 gal
Leafy Vegetables such as: Celery, Head lettuce, Leaf lettuce and Spinach	1 st application: When the first trifoliolate unfolds.	3-5 fl. oz.	25-40 gal
	2 nd application 10-14 days prior to harvest.		
Cucurbit Vegetables such as: Cucumber, Muskmelon, Cantaloupe, Summer squash, Watermelon and Honeydew	Make 1 st application at early fruiting stage.	2-3 fl. oz.	15-25 gal
	Make 2 or more applications at 10-14 day intervals.	3-5 fl. oz.	25-40 gal
Fruiting Vegetables such as: Tomato, Pepper and Eggplant	Make 1 st application at 3-5 leaf stage.	2-3 fl. oz.	15-25 gal
	Make 2 or more applications at 10-14 day intervals.	3-5 fl. oz.	25-40 gal
Tuber Vegetables such as: Potato, Sweet potato, Yam	1 st application: At tuber initiation.	2-3 fl. oz.	15-25 gal
	2 nd application: 14-21 days after 1 st application.		
	3 rd application: At 14 day intervals as needed.	3-5 fl. oz.	25-40 gal
Root Vegetables such as: Carrot, Radish, Turnip, Ginseng, Horseradish, and Sugar beet	1 st application: As root begins to enlarge.	2 fl. oz.	15 gal
	2 nd application: 21 days after first application.	2-3 fl. oz.	15-25 gal
	3 rd application: Apply 10-14 days prior to anticipated harvest.	3-5 fl. oz.	25-40 gal
Legume Vegetables such as: Dry beans, green beans, soybeans, lentils	1 st application: Apply at the 4-6 trifoliolate leaf stage.	2 fl. oz.	15 gal
	2 nd application: 14-21 days after 1 st & repeat as necessary.	2-3 fl. oz.	15-25 gal
Citrus Fruits such as: Sweet orange, Lemon and Grapefruit	1 st application: As fruit size is $\frac{3}{8}$ " - $\frac{1}{2}$ " in dia.	6-12 fl. oz.	50-100 gal**
	2 nd -3 rd applications: Repeat at 14-21 day intervals.	24-32 fl. oz.	200-250 gal**
Pome / Stone Fruits such as: Apple, Apricot, Cherry, Plum, Plumcot and Peach	1 st application: At small fruit stage when fruit size is approx. 3-5 mm.	6-12 fl. oz.	50-100 gal**
	2 nd -3 rd applications: Repeat at 14-21 day intervals.	24-32 fl. oz.	200-250 gal**

Crop	Application & Timing	PhotoGro Rate /Acre	Water Volume /Acre
Tree Nuts such as: Almonds, pistachios, pecans	1 st application: 10-14 days prior to bloom	6-12 fl. oz.	50-100 gal**
	2 nd application: 10-14 days following petal fall		
	3 rd application: 30 days after last application		
Grape	1 st application: When first vines are 6" long.	3-5 fl. oz.	25-40 gal**
	2 nd application: 10-14 days after first application	6-12 fl. oz.	50-100 gal**
	3 rd application: Repeat throughout spray program at 10-14 day intervals.		
Small Fruits such as: Strawberry, raspberry, black berry, blue berries	1 st application at early fruit formation	2-3 fl. oz.	15-25 gal
	2 nd application 10-14 days after 1 st application Repeat applications every 10-14 days.		
Corn (Sweet, Field and Popcorn)	1 st application at 10 leaf stage	3-5 fl. oz.	25-40 gal
	2 nd app. From ear formation to post pollination		
Cotton	1 st application: Mid bloom	2-3 fl. oz.	15-25 gal
	2 nd application: When bolls begin to fill.	3-4 fl. oz.	20-30 gal
Small Grains such as: Wheat, Barley, Rice, Sorghum	Make one application as grain kernels begin to form.	2-3 fl. oz.	15-25 gal
Peanut	1 st application: Apply at the 5-6 leaf stage.	2-3 fl. oz.	15-25 gal
	2 nd application: Apply at initial pod formation.		
	3 rd application: Apply during pod fill.	3-5 fl. oz.	25-40 gal
Alfalfa & forage crops	Apply on new growth after dormancy.	3-4 fl. oz.	20-30 gal
	Apply 3-5 days after each cutting.	2-3 fl. oz.	15-25 gal
Tropical crops & fruit	Apply at 10-21 day intervals throughout vegetative and reproductive cycles.	2-8 fl. oz.	15-80 gal

Turf and Ornamentals

For Turfgrass: Spray turf with 0.39 – 0.78 fl oz of PhotoGro in 3-6 gallons of water per 1000 sq ft. at 10-21 day intervals. (1 fl. oz. = 29.5 ml)

For Sod grass: Spray sod with 3-7 fl.oz. of PhotoGro in 25 gal to 50 gals of water At 10-21 day intervals.

Ornamentals (Foliar plants, Bedding and flowering plants, Woody ornamentals, Garden grown tree fruits): Dilute 1.3 fl. oz. products in 10 gallons of water (1:1000 dilution rate). Repeat application at 10-14 day intervals when required.

Uniform and through spray coverage is necessary

DISPOSAL: Do not re-use empty container, Rinse thoroughly before discarding according to Federal and State laws

PhotoGro is a trademark of LT Biosyn, Inc.
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