



-LT BioSyn, Inc.

GoldenGro R

Reduces transplant shock and promotes new root growth

ACTIVE INGREDIENTS:	By wt
3-Indolebutyric acid (IBA)	0.85%
Cytokinin, as Kinetin	0.15%
1-Naphthaleneacetic acid (NAA).....	0.20%
OTHER INGREDIENTS:	<u>98.80%</u>
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> • 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 or doctor for treatment advice.
HOTLINE	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For general product information, call LT BioSyn, Inc. at (626)-930-9135 between the hours of 9 a.m. – 4 p.m. Pacific Time.	

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

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 washwaters.

EPA Reg. No. 72639-11

EPA Est. No.

**LT BioSyn, Inc.
11921 Goldring Road
Arcadia, CA 91006
USA**

Net Contents: As marked on container

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear: long sleeved shirt and long pants, chemical resistant gloves Category A, such as butyl rubber \geq 14 mils, or natural rubber \geq 14 mils, or neoprene rubber \geq 14 mils or nitrile rubber \geq 14 mils and shoes plus socks. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 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.

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 workers or other persons, either directly or through drift. Only protected handlers may be in the area during applications. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. 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 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 24 hours.

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
- Chemical resistant gloves Category A, such as butyl rubber \geq 14 mils, or natural rubber \geq 14 mils, or neoprene rubber \geq 14 mils or nitrile rubber \geq 14 mils
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter without appropriate protective clothing until sprays have dried.

GENERAL INFORMATION

GoldenGro R contains three (3) different plant growth regulators (PGRs) that synergistically stimulate early and improved root development. In addition, **GoldenGro R** contains a mixture of vitamins that aid in successful transplanting and plant growth.

CUTTINGS

Dilution rate:

For softwood cuttings use a 1:20 dilution rate (0.5 fl oz product in 10 fl oz of water); **For medium wood cuttings use a 1:10 dilution rate** (One fl oz product in 10 fl oz of water); **For hard wood cuttings use a 1:5 dilution rate** (Two fl oz prod. in 10 fl oz water).

GoldenGro R is recommended for use on **all nursery stock cuttings** including **Woody ornamentals, Deciduous hardwoods, Evergreens, Ground Covers, and Perennials** such as: African violet, Arborvitae, Azalea, Aster, Barberry, Begonia, Boxwood, Camellia, Crape-myrtle, Clematis, Chrysanthemum, Cypress, Dahlia, Delphinium, Dogwood, Eponymous, Forsythia, Fuchsia, Geranium, Heather, Hibiscus, Holly, Honeysuckle, Ivy, Japanese quince, Jasmine, Juniper, Lilac, Magnolia, Minor, Myrtle, Pachysandra, Photinia, Pivet, Pyracantha (Firethorn), Rhododendron, Rose, Spirea, Yew, Viburnum, Vinca, Wriggle and many others.

Obtain cuttings from vigorous, healthy plants and keep cuttings moist and cool such as in an ice chest. With a sharp knife, trim the cutting (2-8 inches long) with a diagonal cut just below a node or leaf. Dip the basal end of cutting, individually or in bunches, into the **GoldenGro R** solution for **3-5 seconds**.

Following dipping, place cuttings into planting medium. Depending on the species, rooting will take place in several weeks or months under a moist greenhouse environment. Transplanting may be performed once the cuttings have rooted.

TO REDUCE TRANSPLANT SHOCK AND PROMOTE NEW ROOT GROWTH- For Shrubs, Flowers, Groundcovers, Houseplants, and the Following Non-Bearing Plants: Citrus Fruits, Pome Fruits, Stone Fruits, Berries, Tree Nuts, Date Palm, and Grapes

Rose, Arborvitae, Gardenias, flowering trees and other ornamentals in bare root transplant or from containers: Use 2 tablespoons of **GoldenGro R** per 10 gallons of water. Apply solution to root area in transplanting hole and then cover roots with soil. After planting, repeat applications biweekly as a drench to thoroughly wet the root area using a solution consisting of one teaspoon of **GoldenGro R** per 10 gallons of water.

Annual and perennial flowers (bedding plants): Use one tablespoon of **GoldenGro R** per 10 gallons of water and apply to thoroughly saturate roots at time of planting. Repeat at weekly intervals until plants are well established.

Groundcovers such as, Ivy, Iceplants, Geranium, Cotoneaster, Barberry, & Ajuga: Use 1 tablespoon of **GoldenGro R** per 10 gallons of water and apply thoroughly to saturate the root area at time of planting. Repeat at weekly intervals until plants are well established.

Houseplants (repotting and planting): Use 1 tablespoon of **GoldenGro R** per 10 gallons of water and water thoroughly at weekly intervals to saturate the root zone until plants are well established.

Established plants: To continue new root growth, use 1 tablespoon of **GoldenGro R** per 10 gallons of water and water plants with solution once a month.

Non-Bearing Plants such as Citrus Fruits, Pome Fruits, Stone Fruits, Berries, Tree Nuts, Date Palm, and Grapes: Use 6-24 fl. oz. of **GoldenGro R** per 100 gallons of water and apply to thoroughly saturate roots at time of planting or as a drench application. Use lower rates for drench applications and higher rates for root soaking. Foliar or side-drench applications using 6-24 fl. oz. of **GoldenGro R** per 100

gallons of water may be made two weeks after transplanting. Two to three applications may be required per growing season.

TURF AND SOD GRASS

For Turf Grass: Mix 0.13 fl. oz. of **GoldenGro R** per gallon of water and apply 1-10 gallons of solution by ground per 1000 sq. ft.

For Sod Grass: Mix 2.5-5.0 fl. oz. of **GoldenGro R** in 20-40 gallons of water (1:1000) and apply 20-40 gallons of solution by ground per acre.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE:

GoldenGro R should be stored in its original container in a cool, dry locked place out of the reach of children and out of direct sunlight.

PESTICIDE DISPOSAL:

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

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

LIMITED WARRANTY AND DISCLAIMER

NOTICE: LT BioSyn, Inc., warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions For Use. Buyer assumes all risks of use and handling which is a variance in any way with the directions herein. LT BioSyn, Inc., makes no other express or implied warranty of fitness or merchantability. In no case shall LT BioSyn, Inc., or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. LT BioSyn, Inc., and Seller offer this product and the Buyer and user accept it, subject to the foregoing **Limited Warranty and Disclaimer** which may be varied only by agreement in writing signed by a duly authorized representative of LT BioSyn, Inc.

LT BioSyn, Inc.
11921 Goldring Road
Arcadia, California 91006, USA
Tel: (626) 930-9135 Fax: (626) 930-0675
E-mail: info@ltbiosyn.com