



# florgib<sup>®</sup> 4L

Plant growth regulator solution

## ACTIVE INGREDIENT

Gibberellic Acid (A<sub>3</sub>).....4.0%  
**OTHER INGREDIENTS**.....96.0%  
**TOTAL**.....100.0%

EPA Reg. No. 62097-10-82917

EPA Est No. indicated by first letter of batch number on this package (E) 39578-TX-001

(C) 70815-GA-001

Net Contents: 1 Gallon (3.78 L)

**KEEP OUT OF REACH OF CHILDREN**

## WARNING/AVISO

**FLAMMABLE — Keep away from heat and open flame**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

FOR AGRICULTURAL USE ONLY NOT FOR RESIDENTIAL USE

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including general health concerns or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, Monday through Friday, 8:00 AM to 12:00 PM Pacific Standard Time. In the event of a medical emergency, call your poison control center at 1-800-222-1222.	

## PRECAUTIONARY STATEMENTS

### Hazard to Humans and Domestic Animals

**WARNING:** Causes substantial but temporary eye injury. Harmful if absorbed through the skin. **DO NOT** get in eyes or on clothing. Wear goggles or safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before re-use.

### 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 C on an EPA chemical-resistance selection chart.

Applicators and other handlers must wear:

- Long pants
- Long-sleeved shirt
- Shoes plus socks
- Protective eyewear
- Chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton.

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

### USER SAFETY RECOMMENDATIONS

Users should:

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

### PHYSICAL AND CHEMICAL HAZARDS

FLAMMABLE - Keep away from heat and open flame. FOR CHEMICAL EMERGENCY: spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

### ENVIRONMENTAL HAZARDS

**DO NOT** apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment wash waters.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labelling. **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. For any requirement 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 labelling 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 the label about personal protective equipment (PPE) and restricted entry intervals. The requirements in this box only apply to uses of this product covered by the Worker Protection Standard.

**DO NOT** enter or allow entry into treated areas during the restricted entry interval level (REI) of 4 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
- Shoes plus socks
- Protective eyewear
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton.

### 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 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 treated areas without appropriate protective clothing until sprays have dried.

### GENERAL INFORMATION

- Use only as directed. The label should be read thoroughly and understood before making applications. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions and with specific varieties.
- The term 'grams of active ingredient per acre' is represented by 'g ai/acre' throughout this product label.
- All parts of the plant or crop should be covered by the spray to obtain the desired result.
- Prepare solution concentrations by mixing the required amount of product with water only in a clean empty spray tank.
- Any unused spray material at the end of the day must be disposed of following local, State or Federal law.
- When a range of rates is indicated use the concentration and spray volume recommended locally. Consult your local experimental station or distributor for spray program best suited to your conditions.
- FLORGIB 4L works best when using water of neutral or slightly acidic pH. Water should always have a pH of less than 8.5.
- Absorption of FLORGIB 4L into the plant is greatest under slow drying conditions. Night-time applications will be more effective when day-time conditions cause rapid drying. FLORGIB 4L should be re- applied if significant rain occurs within 2 hours of application.
- Data concerning the compatibility of FLORGIB 4L is not available.

### APPLICATION GUIDE

**Bermuda Golf Turf** - Application of FLORGIB 4L can be used to initiate or maintain growth and prevent color change during periods of cold stress. Make one application of 10 g ai weekly or 25 g ai in 25 - 100 gallons of water/acre every 2 weeks. **DO NOT** exceed these recommended doses or reduce the time interval between applications. **DO NOT** apply during extended warm periods if night temperatures exceed 65° F. Continue good ground keeping practice and stop treatment if thinning of the grass occurs. **DO NOT** use on dormant turf.

**Pompom Chrysanthemums** - Application of FLORGIB 4L elongates the peduncles. Make one application of 0.5 - 1 g ai in 12 gallons of water 28 - 35 days after initiation of short day program. Apply this solution over 1000 sq. ft. of bed using overhead nozzles directed at the flower buds. Apply at the correct timing and **DO NOT** overdose as this can cause long, spindly, weak stems.

**Statice** - Application of FLORGIB 4L promotes early flowering and increases flower yield. Make one application of 40 - 50 g ai in 25 gallons of water when plants are more than 10 inches in diameter (approx. 90 - 110 days after planting). Apply 10 ml of spray as a drench to each plant. **DO NOT** exceed the recommended dose or repeat treatment. Initiation of flowering is influenced by extended photo-period, nutrition and reduced night temperature. Treatment with FLORGIB 4L lessens the need for reduced night temperature and long photo-period.

**Cala Lillies (*Zantedesia* sp.)** - Application of FLORGIB 4L by soak, spray or field drench increases flowering, controls height, and shortens days to flowering. As a soak, use a 100 ppm to 500 ppm solution. Spray applications are generally made at concentrations between 50 and 100 ppm to plants to stimulate flowering. Field drench is made over the planted bulbs at 100 - 500 ppm. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions.

**Tropical Foliage** - For application to plants such as *Aglaonema commutatum*. Apply FLORGIB 4L to induce uniform flowering. Recommended dosages range from 100 - 400 ppm applied as a spray solution to runoff. Generally, treatment is used to induce flowering so breeding and cross pollinations can be carried out. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions.

**Geranium (*Pelargonium* sp.)** - Application of FLORGIB 4L to rooted cuttings will stimulate root growth and development when added directly to hydroponic nutrient solution. Applications of between 0.5 ppm and 50 ppm are recommended to increase productivity and produce other desirable plant characteristics. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions.

**Dieffenbachia sp.** - Application to foliage will stimulate flowering for breeding and other purposes. Applications between 250 and 1000 ppm stimulate the production of flowers, increasing the flexibility of breeding programs and frequency of flowers to be used to produce hybridized variants. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions.

**Spathiphyllum sp.** - Application to foliage will stimulate flowering for breeding and other purposes. Applications between 250 and 1000 ppm stimulate the production of flowers, increasing the flexibility of production and the ability to sell plants in flower. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions.

**Cyclamen sp.** - Application to the foliage will favorably alter the vegetative and reproductive development of the plants. Foliar applications of between 25 and 250 ppm will affect the vegetative and reproductive growth of the plant, thus reducing the days to flowering and enhancing production. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions.

**Poinsettia** - Application to poinsettia is used to influence flowering. Foliar applications to plants of between 10 and 50 ppm can be used. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions and specific varieties.

**Caladium sp.** - Application will influence flowering. Soaking bulbs in solutions of between 250 ppm and 1000 ppm will produce a favorable result. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions and specific varieties.

## CONVERSION TABLES

### GRAMS OF AI PER ACRE

FLORGIB 4L is a 4% active ingredient liquid. For each gram of active ingredient required, use 1 oz. of FLORGIB 4L.

Grams ai per acre	FLORGIB 4L per acre
0.5	0.5 oz
1.0	1.0 oz
5.0	5.0 oz
10.0	10 oz
16.0	16 oz
20.0	20 oz
32.0	32 oz
40.0	40 oz
48.0	48 oz

### PARTS PER MILLION

Desired ppm	Cups of FLORGIB 4L per 100 gallons	Quarts of FLORGIB 4L per 100 gallons
50	2.5	-
100	5	1.25
200	10	2.5
300	15	3.75
400	20	5.0
500	25	6.25

### STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep containers tightly closed when not in use.

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

**CONTAINER HANDLING:** Non-refillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate, 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.

## WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY

Fine Agrochemicals Limited ("FINE") warrants that this Product conforms to the specifications on this label. To the extent consistent with applicable law, FINE makes no other warranties and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for a particular purpose. No agent of FINE or any other person is authorized to make any representation or warranty beyond those contained herein.

It is impossible to eliminate all risks associated with this Product. Plant injury, lack of performance, or other unintended consequences may result because of factors such as abnormal weather conditions, use of the Product other than in strict accordance with this label's instructions, presence of other materials, the manner of application or other factors, all of which are beyond the control of FINE or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

To the extent consistent with applicable law: 1) FINE disclaims any liability whatsoever for special, incidental or consequential damages resulting from the handling or use of this Product and 2) FINE's liability under this label shall be limited to the amount of the purchase price or, at the election of FINE, the free replacement of the Product.

FLORGIB® 4L is a registered trademark of Fine Agrochemicals Ltd.

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