

Cell Power®

# Leaf Act® #1

3-13-7

## GUARANTEED ANALYSIS

Total Nitrogen (N).....	3%
3% Urea Nitrogen	
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ).....	13%
Soluble Potash (K <sub>2</sub> O).....	.7%
Boron (B).....	0.023%
Cobalt (Co).....	0.0008%
Copper (Cu).....	0.056%
0.056% Soluble Copper	
Manganese (Mn).....	0.056%
0.056% Chelated Manganese (Mn)	
Molybdenum (Mo).....	0.0008%
Zinc (Zn).....	0.056%
0.056% Chelated Zinc (Zn)	

Derived from: Urea, Phosphoric Acid, Potassium Hydroxide, Boric Acid, Cobalt Sulfate, Copper EDTA, Manganese EDTA, Sodium Molybdate and Zinc EDTA

**WARNING Molybdenum:** The application of fertilizing materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) which are toxic to ruminant animals.

**WARNING:** This product contains boron (B) and may be harmful to certain crops. Use only according to manufacturer's directions.

F2737

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**



**Hazard Statements:** Causes skin irritation. Causes serious eye irritation.

**Precautionary Statements:** Wash hands thoroughly after handling. Wear protective gloves. Wear eye and face protection.

**FIRST AID:** If on skin: Wash with plenty of water. If skin irritation occurs, get medical advice or attention. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention.

FOR AGRICULTURAL USE ONLY

V:082621-CA

GUARANTEED BY:

OMEX® AGRIFLUIDS, INC. • PO BOX 815 • SELMA, CA 93662

**OMEX®**

DENSITY 9.97 LBS/GALLON @ 68° F

LIQUID CONTENT 2.5 US GALLONS (9.5 L) NET WEIGHT: 24.93 LBS (11.3 kg)

LIQUID CONTENT 265 US GALLONS (1,003 L) NET WEIGHT: 2,642 LBS (1198 kg)



## GENERAL INFORMATION

**Cell Power® Leaf Act® #1** can be used in combination with water soluble plant nutritional products which are formulated for foliar, sidedress or drip irrigation applications. May be applied alone or in tank mixes. **Cell Power® Leaf Act® #1** is believed to be compatible with most agricultural water-soluble plant nutritional products. If physical compatibility with another fertilizer product is unknown, use a jar compatibility test.

### ONCE PRODUCT IS DILUTED, USE WITHIN 24 HOURS

#### DIRECTIONS FOR USE

**General Use:** Apply 1-4 quarts per acre as a foliar application to supplement the normal soil applied fertility program.

**Compatibility:** **Cell Power® Leaf Act® #1** is compatible with most pesticides commonly used in crop production. To ensure compatibility, a jar test is recommended. Do not mix with calcium or magnesium fertilizers in concentrate situations, as settling out will occur.

**Transplanting:** Use 1-2 quarts per 100 gallons of water (1 cup of mix per plant for hand setting). It usually requires about 200-300 gallons of water per acre for transplanting.

**Fruit, Nut and Other Permanent Crops:** Add 1-2 quarts of **Cell Power® Leaf Act® #1** per 100 gallons of water. Use 1 gallon of this solution to each tree at time of planting. For larger trees, use 1 gal. of solution for each inch of trunk diameter (measurement taken at ground level).

**Soil drench for seeded crops:** Add 16 oz to 100 gallons of water. Apply this solution in the seed row and cover with soil. Once stand is established, you may foliarly apply **Cell Power® Leaf Act® #1** at 1 quart on a 10-16 inch band for improved vigor.

#### FOLIAR SPRAY

**Apples, Bananas, Peaches, Pears, Plums, Nectarines, Apricots, Cherries, Citrus Fruits, Figs, Avocados, Mangoes, Papaya, Kiwi, Filberts, Chestnuts, Macadamia Nuts, Walnuts, Pecans and Almonds:** Use at a rate of 1-4 quarts/acre when applying with concentrate sprayers. Apply early in the growing season and whenever supplemental feeding is necessary to improve tree vigor, fruit or nut set or during adverse weather conditions. For most tree crops listed, 3-6 applications for the growing season should suffice. Caution should be used with late season sprays as nitrogen applied at that time can delay fruit maturity and reduce fruit color on some varieties. Low rates of **Cell Power® Leaf Act® #1** should be used until fruit is picked.

**Strawberries:** Use at a rate of 1-4 quarts per acre when the first fruit buds develop on the crown. Three or more additional applications are desirable at 7-10 day intervals.

**Grapes, Raspberries, Blackberries and Blueberries:** Use at a rate of 1-4 quarts per acre early in the season or whenever it is necessary to improve vine or cane vigor and growth. CAUTION: Where fruit color and maturity is delayed by nitrogen application, do not use **Cell Power® Leaf Act® #1** within 60 days of ripening.

**Row Crops (Soybeans, Peanuts, Field Corn, Popcorn, Sugar Beets, Table Beets, Sweet Potatoes and Pineapples):** Use at a rate of 1-4 quarts per acre to improve growth and yield. One to five applications per season are desirable depending on the crop and the season.

**Cotton (Early Season):** To improve early season vigor and fruiting, apply **Cell Power® Leaf Act® #1** as a 10-16 inch band for applications at a rate of 1 quart per acre. Make 4 applications during this early part of the growing season. (Full Season): **Cell Power® Leaf Act® #1** may be applied at a rate of 1-4 quarts/acre, continuing after first flower to increase flowering. One to five applications during the season are desirable.

**Forage and Hay Crops (Alfalfa, Clover and Grasses such as Orchardgrass and Timothy):** To improve crop growth and yield, apply 1-4 quarts per acre just prior to head formation. To further stimulate yield, 1 or 2 earlier applications may be desirable. Repeat every 7-10 days.

**Tomatoes, Peppers, Cucumbers, Melons and Squash:** Use at a rate of 1-4 quarts per acre. First applications should be made when plants are 3-4 weeks old. Repeat every 7-10 days. For best results make 6-7 applications during the growing season.

**Potatoes:** Use a rate of 1-4 quarts per acre. Potatoes set 70% of their tubers between the 70th and 100th day after planting. **Cell Power® Leaf Act® #1** helps carry the plant through periods of stress and adverse weather conditions. Suggest applying when plants are young and continue on a 7-10 day schedule, as needed particularly during the 30 day tuber setting period.

**Celery, Lettuce, Endive, Broccoli, Cabbage, Cauliflower, Brussel Sprouts, Kale and Spinach:** Use **Cell Power® Leaf Act® #1** as a starter solution at a rate of 1 quart per 100 gallons of water at time of transplanting. For use as a foliar, nutritional spray, apply at a rate of 1-4 quarts per acre when the plants have been established for 3 weeks. Use a total of 3-6 sprays per season and stay on a 7-10 day application schedule, depending on crop vigor and prevailing weather conditions.

**Carrots, Parsley and Asparagus:** Apply at a rate of 1-4 quarts per acre. Frequency of applications will depend on vigor and growth desired and prevailing weather conditions.

**Beans, Peas, Sweet Corn, Lentils and Onions:** Use at a rate of 1-4 quarts/acre when plants are 3-4 weeks old. Repeat applications every 7-10 days or as needed.

**Corn, Sorghum, Wheat, Barley, Oats, Rye, Rice, Sunflower and Sugarcane:** Apply at a rate of 1-4 quarts per acre throughout the growing season. On small grains, applications at early tillering and when 10% of the heads are visible are most beneficial.

#### STORAGE and DISPOSAL

**STORAGE:** Store in a cool, dry, well-ventilated place out of direct sunlight. Store in original tightly closed container away from children, animals, foods, feeds, and seeds. Store at ambient temperatures.

**Product and Container Disposal:** Do not contaminate water, food, or feed by storage or disposal. Empty containers or liners may retain some product residues. Triple rinse (or equivalent), during mixing and loading. Dispose of contents in accordance with local/regional/national/international regulations.

#### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

Read the Conditions of Sale-Warranty and Limitations of Liability and Remedies before using this product. The directions should be followed carefully together with good application practice. Failure to do so may cause injury to crops, animals, man, or the environment. Extraordinary or unusual weather conditions may affect product performance and/or crop injury which are beyond the control of Omex® Agrifluids, Inc. (the "Company") or seller. The Company warrants that this product conforms to the chemical description on the label and is reasonably for the purpose referred to in the Directions For Use. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law. The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Company's election, ONE of the following: 1. Refund of the purchase price paid by buyer or user for product bought. 2. Replacement of the product used. To the extent allowed by law, the Company shall not be liable and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The company/seller offer this product and the buyer/user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability, and remedies.

Tests have not been carried out under all possible use conditions and Seller cannot and does not represent or warrant that the goods are compatible with all other chemicals or under all use conditions.

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

