

# Cell Power®

## Ca10 + Zn 10-0-0

### GUARANTEED ANALYSIS

Total Nitrogen (N) .....	10.00%
0.54% Ammoniacal Nitrogen	
9.46% Nitrate Nitrogen	
Calcium (Ca) .....	10.00%
Boron (B) .....	0.50%
Copper (Cu) .....	0.05%
0.05% Chelated Copper	
Iron (Fe) .....	0.10%
0.10% Chelated Iron	
Manganese (Mn) .....	0.50%
0.50% Chelated Manganese	
Zinc (Zn) .....	2.50%
2.5% Water Soluble Zinc (Zn)	

Derived From: Ammonium Calcium Nitrate Double Salt, Boric Acid, Copper EDTA, Iron EDTA, Manganese EDTA, Zinc Nitrate.

**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

## DANGER



**Hazard Statements:** Harmful if swallowed. Causes serious eye damage. Causes skin irritation.

**Precautionary Statements:** Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear eye and face protection. Wear protective gloves.

**FIRST AID:** **If swallowed:** Call a poison control center or doctor if you feel unwell. Rinse mouth. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison control center or doctor. **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.

**FOR COMMERCIAL OR PROFESSIONAL USE ONLY**

V:032521

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



**DENSITY: 13.18 LBS./GALLON @ 68° F**

**LIQUID MEASURE 2.5 US GALLONS (9.46 L) NET WEIGHT: 32.95 LBS. (14.95 kg)**

**LIQUID MEASURE 265 US GALLONS (1,003 L) NET WEIGHT: 3,4927 LBS. (1584 kg)**

## GENERAL INFORMATION

**Ca10 + Zn** is a water-soluble foliar nutritional fertilizer of macro- and micro nutrients. It is designed for foliar application and may be applied alone or in tank mixes. However, when use of an unfamiliar mix is made, a compatibility test is always recommended. Foliar fertilization is a supplement to a regular fertilizer program and will not supply the total nutrients required by a crop.

**Ca10 + Zn** is recommended as a foliar nutrition to be applied to crops where disorders due to insufficient calcium and/or zinc are anticipated.

## DIRECTIONS FOR USE

Dissolve the desired amount of **Ca10 + Zn** in water before adding to the spray tank. With proper agitation, **Ca10 + Zn** can be added into the spray tank with agitation running. Do not store solution mixed with pesticide! Spray immediately after mixing. Add **Ca10 + Zn** to the spray tank before adding pesticides.

## SUGGESTED USE RATES

### CROP - RATE/ACRE - NUMBER & TIMING OF APPLICATIONS

**Alfalfa:** 3 to 6 pints/acre. Apply as soon as soil temperature reaches 55° at 6" and repeat after cutting as required.

**Almonds, Pistachios:** 3 to 6 pints/acre. 2 to 3 applications as required from post bloom to hull split as required.

**Apples:** 3 to 6 pints/acre. 2 to 3 applications starting at immediate post bloom through early sizing, including 14 to 21 days post harvest.

**Apricots, Nectarines, Peaches:** 3 to 6 pints/acre. 2 to 3 applications starting at blossom drop to early color, including post harvest. Use lower rates when fruit begins to color.

**Avocados:** 3 to 6 pints/acre. Multiple applications as required.

**Carrots:** 3 to 6 pints/acre. 2 to 3 applications from early root development at 21 to 30 day intervals.

**Cranberries:** 3 to 6 pints/acre. 2 applications, one each immediately post bloom and 21 to 30 days later.

**Celery, Chicory:** 3 to 6 pints/acre. 2 to 3 applications during the season as required.

**Cherries, Plums, Prunes:** 3 to 6 pints/acre. 2 to 3 applications starting at blossom drop to early color, including post harvest. Use lower rates when fruit begins to color.

**Citrus:** 3 to 6 pints/acre. Multiple applications as required.

**Cotton:** 3 to 6 pints/acre. 2 to 3 applications between from squaring to full boll development.

**Cucumbers, Melons:** 3 to 6 pints/acre. 2 to 3 applications from bloom through fruit sizing.

**Dry Beans including: Kidneys, Pintos, Limas:** 3 to 6 pints/acre. 2 applications, one each immediately pre-bloom and again 30 to 45 days later. **Garlic:** 3 to 6 pints/acre. 2 to 3 applications from early bulb development at 21 to 30 day intervals.

**Grapes:** 3 to 6 pints/acre. 2 to 3 applications from post shatter through early ripening.

**Hops:** 3 to 6 pints/acre. 3 to 4 applications from first runner through cone sizing as required.

**Kiwi:** 3 to 6 pints/acre. 2 to 3 applications from pre-bloom to full sizing.

Leafy vegetables including:

**Cabbage, Cauliflower, Endive, Lettuce:** 3 to 6 pints/acre. 2 to 4 applications from thinning to pre-harvest.

**Onions:** 3 to 6 pints/acre. 2 to 3 applications from early bulb development at 21 to 30 day intervals.

**Woody Ornamental Plants:** 2 to 6 pints/acre. Multiple applications as required during growing season with one application after September 1st for winter hardiness.

**Pears:** 3 to 6 pints/acre. 3 applications, one each at post bloom, 30 to 45 days pre-harvest, and 14 to 21 days post harvest.

**Peppers, Tomatoes:** 3 to 6 pints/acre. 2 to 3 applications from bloom to first color.

**Potatoes:** 3 to 6 pints/acre. 2 to 3 applications from flowering through tuberization.

**Strawberries:** 3 to 6 pints/acre. 2 applications, one each at bloom and 21 to 30 days later.

**Sugar Beets:** 3 to 6 pints/acre. 2 to 3 applications from early beet development at 21 to 30 day intervals.

**Sweet Potatoes:** 3 to 6 pints/acre. 2 to 3 applications from flowering through tuberization.

**Table Grapes:** 3 to 6 pints/acre. 2 to 3 applications as required from shatter to ripening.

**Turf:** 3 to 6 ounces per 1000 sq. ft. in a minimum of 2 ¼ gallons of water. Apply as required based on desired color and growth.

**Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to the target area and sweep any product that lands on the driveway, sidewalk, or street, back into the target area.**

**Walnuts:** 3 to 6 pints/acre. 2 to 3 applications as required from catkin elongation until June 15th.

For aerial application use a maximum of three (3) pints of **Ca10 + Zn** per 10 gallons of water.

Rates recommended are for standard spray volumes of 50 to 150 gal/acre.

For higher volume sprays, rate should be adjusted. **Caution:** Store **Ca10 + Zn** in temperatures between 41° F to 104° F and avoid extreme variations in temperature. A reversible separation of ingredients may occur after long storage, this however does not affect quality or effectiveness of the product.

**DO NOT COMBINE WITH COPPER SPRAYS AS PHYTOTOXICITY CAN OCCUR.** **Ca10 + Zn** may be mixed with lower recommended rates of low biuret urea.

Use caution when applying to fruiting crops in combination with pesticides and/or surfactants. Use minimal effective rates of stickers during ripening. Do not use high analysis organo silicones or high analysis non-ionics during ripening. Avoid application to fruit at elevated temperatures (>95° F). Avoid applications to crops under environmental stress or pest pressure. Maximum effectiveness will be obtained when applied early in the morning or after dusk.

## STORAGE and DISPOSAL

**STORAGE:** Store in original containers only. Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products, and seed. Store at ambient temperatures. Do not contaminate water, food, or feed by storage or disposal. **DISPOSAL:** Do not reuse container. Plastic:

Triple rinse (or equivalent), adding rinse water to spray tank, then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal.

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

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