



# Sulfur Complete SP

Foliar Nutritional Soluble Powder

A formulated soluble powder mixture of micronutrients with magnesium and sulphur.

## GUARANTEED ANALYSIS

Magnesium (Mg) .....	8.0%
8.0% Water Soluble Magnesium (Mg)	
Sulfur (S) .....	14.5%
14.5% Water Soluble Combined Sulfur (S)	
0.00% Free Sulfur (S)	
Boron (B) .....	5.0%
Manganese (Mn) .....	7.0%
7.0% Water Soluble Manganese (Mn)	
Molybdenum (Mo) .....	0.4%

Derived from Magnesium Sulfate, Manganese Sulfate, Sodium Borate, and Sodium Molybdate.

Chlorine (Cl), Maximum .....

## KEEP OUT OF REACH OF CHILDREN DANGER

Causes serious eye damage  
May damage fertility or the unborn child  
May cause damage to organs through prolonged or repeated exposure  
Causes mild skin irritation  
Harmful if inhaled  
May be harmful if swallowed  
May be harmful in contact with skin



Contains disodium octaborate, manganese sulphate.

NET WEIGHT: 20.0 lbs (9.07 kg) YSN 041315/0815

Information about the components of this lot of fertilizer may be obtained by writing to Helena Chemical Company, 225 Schilling Boulevard, Suite 300, Collierville, TN 38017 and giving the lot number which is found on the container.

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

Contents Made In Great Britain

F224

MANUFACTURED FOR  
HELENA CHEMICAL COMPANY  
225 SCHILLING BOULEVARD, SUITE 300  
COLLIERVILLE, TN 38017  
901-761-0050

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## DANGER

BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE-LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES.

Causes serious eye damage. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Causes mild skin irritation. Harmful if inhaled. May be harmful if swallowed. May be harmful in contact with skin. Keep product locked up and out of the reach of children. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash contaminated clothing before reuse. Do not take internally. Avoid contact with or inhalation of spray application mist or dust if present. Do not apply this product in such a manner as to directly expose workers or other persons. If product is being mixed with pesticides and/or spray adjuvants, follow all

precautionary statements on the accompanying product(s) labeling. Not for human or animal consumption.

**California Prop. 65** - This product contains a chemical (or chemicals) known to the State of California to cause cancer and birth defects or other reproductive harm. Contains Boron and Molybdenum. Do not use on plants sensitive to Boron. Use of Boron on plants/crops other than those recommended may result in serious injury to the plants/crops. Plants/crops containing high amounts of Molybdenum are toxic to grazing ruminant animals.

**Personal Protective Equipment (PPE):** Wear protective eyewear (goggles or face shield), chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks when using this product. Take off any contaminated clothing and wash before reuse.

FIRST AID	
<b>IF IN EYES:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or doctor for treatment advice.
<b>IF INHALED:</b>	Move person to fresh air and keep at rest in a position comfortable for breathing if they feel unwell. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a POISON CENTER or doctor for treatment advice.
<b>IF ON SKIN OR HAIR:</b>	Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.
<b>IF SWALLOWED:</b>	Call a POISON CENTER or doctor immediately. Rinse mouth. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

## STORAGE AND DISPOSAL

Keep in a cool, dry chemical store, out of reach of children and livestock. Protect from frost (39°F) and other climatic extremes (temperatures exceeding 100°F). Keep container tightly closed. Do not allow water to be introduced to the contents of this container. Do not contaminate water sources by cleaning of equipment or disposal of spray waste. Dispose of empty containers by triple rinsing with detergent solution or puncture and discard empty containers in a landfill in accordance with current local, State and Federal regulations

## GENERAL INFORMATION

This product is recommended for use in conjunction with a complete fertilization program based on soil or tissue analysis. Contact your county agent or field consultant for specific information.

## DIRECTIONS FOR USE

### ALWAYS FOLLOW THESE LABEL INSTRUCTIONS.

Slowly add the product through the top filter into the tank three-quarters filled with water, while agitating. Top off with water and continue to agitate until spraying is completed.

## APPLICATION RATES AND TIMINGS

**Alfalfa:** 1 to 3 lbs./acre applied at flower bud formation and again at the start of flowering. Water rate: 20 gallons/acre.

**Asparagus:** Two applications of 1 to 3 lbs./acre during vegetative growth at a 10- to 14-day interval. Water rate: 20 gallons/acre.

**Beans, Peas:** 1 to 3 lbs./acre as early in the growing season as possible, provided there is adequate leaf cover to intercept the spray (e.g., 4- to 6-leaf stage). Repeat applications can be made at 10- to 14-day intervals. Water rate: 20 gallons/acre.

**Cereals (Wheat):** 1 to 3 lbs./acre at growth stage F3-F6. Water rate: 10 to 20 gallons/acre.

**Cole Crops, Broccoli, Brussels Sprouts, Cabbage, Calabrese, Cauliflower:** 1 to 3 lbs./acre at 4- to 6-leaf stage, with 1 or 2 repeat applications at 10- to 14-day intervals if necessary. Water rate: 20 gallons/acre.

**Canola:** 1 to 3 lbs./acre at 4 to 9 true leaves, followed by a further application 10 days later. For fall-sown crops, apply prior to winter dormancy and in spring up to flower buds enclosed (G.S. 31). Water rate: 20 gallons/acre.

**Corn:** Apply 0.5 to 2 lbs./acre during the stages of V5-VT.

**Cotton:** 1 to 3 lbs./acre applied 3 to 4 weeks after emergence. Repeat once or twice at 10- to 14-day intervals up to the start of flowering. Water rate: 5 to 20 gallons/acre.

**Courgette, Cucumber, Cucurbits, Melons, Watermelons, Zucchini (Field Grown):** Two applications of 1 to 3 lbs./acre sprayed at the male flowers stage and again 10 to 14 days later. Water rate: 50 gallons/acre.

**Onions:** 2 applications of 1 to 3 lbs./acre applied as soon as there is adequate leaf cover (6 leaves) and repeated 2 weeks later. Water rate: 20 gallons/acre.

**Disclaimer:** Always refer to the label on the product before using Helena or any other product.

**Peanuts:** 1 to 3 lbs./acre as early in the growing season as possible, when there is sufficient leaf cover to intercept the spray. Repeat at 10- to 14-day intervals as necessary. Water rate: 20 gallons/acre.

**Potatoes:** 1 to 3 lbs./acre applied one week after 100% emergence with a second application 10 to 14 days later. Water rate: 20 gallons per acre.

**Pumpkin (Field Grown):** Two applications of 1 to 3 lbs./acre sprayed at the male flowers stage and again 10 to 14 days later. Water rate: 50 gallons/acre.

**Rice:** 1 to 3 lbs./acre applied at tillering and again at panicle initiation. Repeat 7 to 10 days later if necessary. Water rate: 10 to 40 gallons/acre.

**Soybeans:** 1 to 3 lbs./acre applied at the 4- to 6-leaf stage. Repeat as necessary at 10- to 14-day intervals. Water rate: 5 to 20 gallons per acre.

**Spinach:** 1 to 3 lbs./acre 10 to 14 days after transplanting or emergence. Repeat after 10 to 14 days if necessary. Water rate: 50 gallons/acre.

**Strawberry (Field Grown):** 1 to 3 lbs./acre applied to new leaf growth in the spring, and again 10 to 14 days later (pre-flowering). N.B. Do not apply during flowering. Water rate: 20 gallons/acre.

**Tobacco:** 1 to 3 lbs./acre two to three weeks after transplanting (3- to 4-leaf stage). Repeat 10 to 14 days later if necessary. Water rate: 10 to 50 gallons/acre.

**Wheat:** Apply 0.5 to 2 lbs./acre from GS30 to Flag Leaf Stage.

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#### **TANK MIXING/CO-APPLICATION**

Read ALL labels carefully and adhere strictly to the instructions for use and advice regarding whether or not product(s) should be co-applied. Many variables can influence the performance of co-applied products and therefore co-application is entirely at the risk of the end-user. It is strongly recommended that a limited application is made initially when using unfamiliar product mixes. Before co-application of products you, or your advisor, must visit [www.tankmix.com/elemax](http://www.tankmix.com/elemax) for important information or do a jar test.

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#### **PRECAUTIONS**

Only to be used on protected crops if specifically listed. Avoid application under extremes of climate, e.g., rapid drying conditions, extremely slow drying conditions, frost, rain, or when frost or rain are anticipated. Wear suitable gloves and faceshield when handling this product. Clean all equipment before and after use.

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#### **CONDITIONS OF SALE-LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES**

Read the Conditions of Sale-Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

This label is believed to be reliable and must be followed carefully. Injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to subject to factors noted above which are beyond the control of the Company. 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 Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any 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 and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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