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34704-321
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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SEP 23 1993

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Mr. J. Allen Dunlap
Platte Chemical Company
P.O. Box 667
Greeley, CO 80632

Dear Mr. Dunlap:

Subject: Amended Labeling
Niagra Lime Sulfur Solution/Clean Crop Lime Sulfur
Solution Fungicide-Insecticide
EPA Registration No. 34704-321
Your Submission Dated May 24, 1993

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable with the following comments:

Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). If any of your products are covered by the WPS, you are required to submit, and receive the Agency's approval by April 21, 1994, of a revised label reflecting the required label statements of 40 CFR 156, published in the FEDERAL REGISTER on August 21, 1992 (57 FR 38102). Further guidance will be issued. According to 40 CFR 156, subpart K, specifically §156.200(c)(3): "No product to which this subpart applies shall be distributed or sold without amended labeling by any registrant after April 21, 1994."

A stamped copy of the label is enclosed for your records.

Sincerely yours,

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Clarence O. Lewis, III
Acting Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

CONCURRENCES

SYMBOL	H7505C	17505C					
SURNAME	J. Fairbank	C. Lewis					
DATE	9/22/93	9/23/93					



ACCEPTED
with COMMENTS
EPA Letter Dated:

SEP 27 1993

LIME SULFUR SOLUTION

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide registered under EPA Reg. No.

34704-321

Fungicide—Insecticide

BEST AVAILABLE COPY

FOR APPLES, PEARS, PLUMS, PRUNES, CHERRIES, PEACHES, BLACKBERRIES, RASPBERRIES AND CITRUS

ACTIVE INGREDIENT:	By Wt.
Calcium Polysulfide	29.00%
INERT INGREDIENTS:	71.00%
TOTAL	100.00%

Burns 31° at 60°F.
(10.60 lbs./gallon at 68°F.)

KEEP OUT OF REACH OF CHILDREN
DANGER POISON
PELIGRO



PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or poison control center. Promptly drink one or two glasses of water and induce vomiting by touching back of throat with fingers. Do not induce vomiting or give anything by mouth to an unconscious person.

If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

If In Eyes: Flush eyes with a gentle steady stream of water for 15 minutes. Get medical attention.

If on Skin: Wash with plenty of soap and water. Get medical attention.

Note to Physicians: Probable mucosal damage may contraindicate gastric lavage.

See Below For Additional Precautionary Statements

EPA REG. NO. 34704-321

EPA EST. NO. _____

NET CONTENTS _____ GALLONS

39874

EXP050930

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Fatal if swallowed, inhaled or absorbed through skin. This product is corrosive to flesh because of its caustic alkaline nature and it causes irreversible eye damage and skin burns. Do not breathe dust, vapor or spray mist or get in eyes, on skin or on clothing. Wear coveralls over long-sleeved shirt and long pants, socks, chemical-resistant footwear and waterproof gloves. Use a respirator with MSHA/NIOSH approval prefix #: TC-21C for dust/mist filtering and use protective eye wear such as goggles or face shield. Wear chemical-resistant headgear to protect from overhead exposure and wear a chemical-resistant apron when mixing or loading this pesticide. Wash thoroughly with soap and water after handling and before eating, drinking and using tobacco. Remove contaminated clothing and wash before reuse.

If farm workers are unable to read, they must be given oral warnings and it must be assured that they understand label precautions and first-aid treatments. Warnings must be given in an appropriate language if workers do not understand English. Oral warnings should be given to inform workers of areas or fields which should not be entered without protective clothing, the amount of time the area or field should be va-

cated and first-aid actions to take in case of accidental exposure.

ENVIRONMENTAL CAUTIONS

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 washwaters. Do not apply when weather conditions favor drift from the areas treated. Do not apply where run-off is likely to occur.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

REENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried.

Protective clothing: Wear coveralls over long-sleeved shirt and long pants, socks, chemical-resistant footwear and waterproof gloves. Use a respirator with MSHA/NIOSH approval prefix #: TC-21C for dust/mist filtering and use protective eye wear such as goggles or face shield. Wear chemical-resistant headgear to protect from overhead exposure and wear a chemical-resistant apron.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure. An example of such information is given under written warnings. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by worker. Written warnings must include the following information:

DANGER

Area treated with LIME SULFUR SOLUTION on (insert date). Do not enter without appropriate protective clothing until sprays have dried (insert State Department of Agriculture's reentry interval, if more restrictive).

In case of accidental exposure to pesticide spray or dust, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.

Oral warnings must include the same information that is in the written warnings.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not store in or around the home. Store product in a secure locked place, inaccessible to children, pets and livestock. Do not store below 40°F. (4°C).

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

Storage and Disposal, Cont'd.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spill.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. Place damaged package in a holding container. Identify contents.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your state Pesticide or Environmental Control Agency or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Do not cut or weld metal containers. Plastic: 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.

Apply the following recommended rates in sufficient water to thoroughly cover one acre. With ground application equipment on Apples and Pears use a minimum of 300 gallons; on Stone Fruits, Blackberries and Raspberries a minimum of 200 gallons of diluted spray per acre. Do not use in undiluted form.

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

Apply at The Rate of 10-12 Gals. Per 100 Gals. of Water in Delayed Dormant:

On Apples and Pears to prevent Apple or Pear Scab infections and to aid in the control of hatching eggs and young nymphs of Green Apple Aphid, Rosey Aphid, and Pear Psylla.

On Apples, Pears, Plums, and Prunes to control San Jose Scale. Apply at the rate of 4-5 gals. plus 3-4 gals. of dormant oil emulsion per 100 gals. of water.

On Apple, Pear, Plum, Prunes and Cherries for the control of San Jose Scale, European Red Mite, and Brown Almond Mite in the dormant or delayed dormant.

On Peaches in the Colder Areas of the Northwest where the trees go completely dormant, treat in the dormant period for the control of the above pests, Leaf Curl and Peach Blight.

Apply at the rate of 5 gals. per 100 gals. of water in combination with 2 gals. summer flowable emulsion or 6 lbs. of wettable sulfur:

On Pears to control Pear Blister Mite at post harvest.

Apply at the rate of 1-1½ gals. per 100 gals. of water:

On Peaches in pre-blossom sprays for the control of Brown Rot and Peach Blight. On Peaches to control Brown Rot and Powdery Mildew use 1 to 2.5 gals. and 5 lbs. of KOLOSPRAY® or wettable sulfur per 100 gals. of water. Apply when conditions are optimum for disease development. Keep new growth covered throughout these periods.

Apply at the rate of 1½-2½ gals. plus 4-6 lbs. of wettable sulfur per 100 gals. of water:

On Apples and Bartlett Pears, in pre-blossom sprays to control Apple and Pear Scab and Powdery Mildew.

Apply at the rate of 8 gals. per 100 gals. of water:

On Blackberries and Raspberries for the control of Redberry Mite, Boysenberry Mite, Blackberry Leaf Mite, Rose Scale, Oyster Shell Scale, San Jose Scale and Yellow Rust just before Leafbuds begin to open. When new growth is 1½ inches long use 5 gals. per 100 gals. of water for the control of the above pests and Yellow Rust.

Apply at the rate of 2½ gals. per 100 gals. of water:

On Blackberries and Raspberries as a pre-harvest application for Redberry Mite, Boysenberry Mite and Blackberry Leaf Mite.

Apply at the rate of 1-2½ gals. per 100 gals. of water, depending on the season of the year and air temperatures:

On Citrus to control Rust Mites and aid in the control of Scale Crawlers and Six-Spotted Mites. Use less LIME SULFUR SOLUTION in warm seasons. Early and mid-season oranges are susceptible to damage from Lime-Sulfur sprays during summer and early fall months. Do not use this material on Tangerine trees during late winter and early spring.

Notes to User: Application of materials containing sulfur should not be made just prior to or during periods of excessively high temperatures.

Do not allow this material to drift onto sulfur sensitive crops.

Do not use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues or other undesirable results may occur.

WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

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