

100-1067

8/1/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington D C 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Montague Dixon
Syngenta Crop Protection Inc
P O Box 18300
Greensboro NC 27419

AUG - 1 2012

Subject Label Amendment (New Uses on Various Perennial Tropical and
Sub-Tropical Fruit Trees)
Paraquat Concentrate ES
EPA Reg No 100 1067
Application Dated November 11 2009

Dear Mr Dixon

The labeling referred to above submitted in connection with registration under the
Federal Insecticide Fungicide and Rodenticide Act (FIFRA) as amended is
acceptable

A stamped copy of your label is enclosed for your records This label supersedes all
previously accepted labels You must submit one (1) copy of the final printed label
before you release the product for shipment Products released for shipment after
eighteen (18) months from the date of this letter must bear the new revised label If
these conditions are not complied with the registration will be subject to cancellation in
accordance with FIFRA §6(e) Your release for shipment of the product constitutes
acceptance of these conditions

Since there are currently no registered products containing paraquat dimethyl sulfate
the tolerance expression listed under 40CFR§180 205(a) and §180 205(c) must be
revised at your next new use submission to remove reference to the bis(methyl sulfate)
salt of paraquat Refer to the Human Health Risk Assessment document associated
with this action for details

If you have any questions please contact Mindy Ondish at (703)605-0723 or at
ondish mindy@epa gov

Sincerely

Kable Bo Davis
Product Manager 25
Herbicide Branch
Registration Division (7505P)

Paraquat Concentrate ES

For Formulation of Paraquat Herbicide Products Only

Refer to Syngenta Manufacturing Formulas for Formulating Directions Chemical and Physical Properties

Active Ingredient	
Paraquat dichloride (1,1 dimethyl 4,4 bipyridinium dichloride)	45.6%
Other Ingredients	54.4%
Total	100.0%

Contains 3.14 pounds paraquat cation per gallon as 4.332 pounds salt per gallon
Contains emetic

KEEP OUT OF REACH OF CHILDREN



**DANGER/ POISON
PELIGRO**

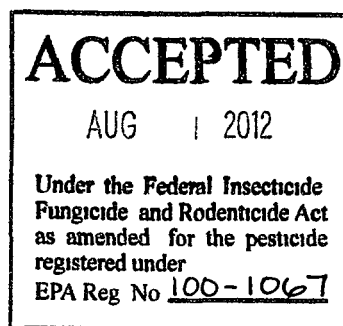
- NEVER PUT INTO FOOD, DRINK OR OTHER CONTAINERS
- IF SWALLOWED, TAKE IMMEDIATE ACTION AS PRESCRIBED IN FIRST AID SECTION SYMPTOMS ARE PROLONGED AND PAINFUL

See additional precautionary statements and directions for use on label

EPA Reg No 100-1067

EPA Est 100 TX 001 [Domestic Product ID 22348]
EPA Est 033909 EN 003 [Import Product ID 32850]

Net Contents



FIRST AID Contains Paraquat, a Bipirydylum Herbicide	
If swallowed	<ul style="list-style-type: none"> • SPEED IS ESSENTIAL Immediate medical attention is required If available give an adsorbent such as activated charcoal bentonite or Fullers Earth • Call a poison control center or doctor immediately for treatment advice • Do not give anything by mouth to an unconscious person
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 20 minutes • Remove contact lenses if present after the first 5 minutes then continue rinsing eye • Call a poison control center or doctor for treatment advice
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing • Rinse skin immediately with plenty of water for 15 20 minutes • Call a poison control center or doctor for treatment advice
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air • The odor of this product is from the stenching agent which has been added not from the paraquat • If person is not breathing call 911 or an ambulance • Call a poison control center or doctor for further treatment advice
NOTE TO PHYSICIAN	
<p>Refer to the booklet Paraquat Poisoning A Practical Guide to Diagnosis First Aid and Hospital Treatment (http //www syngenta com/pqmedguide/) Administer either activated charcoal (100g for adults or 2g/kgbody weight in children) or Fuller s Earth (15% solution 1 liter for adults or 15ml/kg body weight in children) NOTE The use of gastric lavage without administration of an adsorbent has not shown any clinical benefit Do not use supplemental oxygen Eye splashes from concentrated material should be treated by an eye specialist after initial treatment With the possibility of late onset corneal ulceration it is advised that patients with paraquat eye injuries are reviewed by an eye specialist the day after first presentation Use treatment that is appropriate for chemical burns Intact skin is an effective barrier to paraquat however contact with irritated or cut skin or repeated contact with intact skin may result in poisoning</p>	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment</p>	
HOT LINE NUMBER	
<p>For 24 Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill Leak Fire or Accident) Call 1 800 888 8372</p>	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals



DANGER/ **POISON**
PELIGRO

May be fatal if swallowed Fatal if inhaled Causes substantial but temporary eye injury Harmful if absorbed through skin Do not get in eyes or on clothing Avoid contact with skin Do not breathe spray mist Do not inhale contaminated plant dust

IMPORTANT Inhalation is an unlikely route of exposure due to low vapor pressure but mucosal irritation or nose bleeds may occur Prolonged contact with this concentrated product can irritate your skin

When handling or mixing concentrate or when exposure to concentrate is possible wear

- Long sleeve shirt and long pants
- Chemical resistant apron
- Chemical resistant gloves made of any waterproof material
- Shoes plus socks
- Face shield
- Protective eyewear

Wash hands before eating drinking chewing gum using tobacco or using the toilet
REMOVE contaminated clothing and wash separate from other laundry before reuse

ENVIRONMENTAL HAZARDS

WILDLIFE This product is toxic to wildlife Do not discharge effluent containing this product into lakes streams ponds estuaries oceans or public waters unless this product is specifically identified and addressed in a National Pollutant Discharge Elimination System (NPDES) permit Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority For guidance contact your State Water Board or Regional Office of EPA

PHYSICAL AND CHEMICAL HAZARDS This product reacts with aluminum to produce hydrogen gas which may form a highly combustible gas mixture Do not mix or store in containers tanks or such systems made of aluminum or having aluminum fittings

EQUIPMENT/CONTAINER Flush all equipment with water after use each day
Paraquat is corrosive to aluminum. Aluminum equipment and aluminum structures that are exposed to solution or spillage should be flushed thoroughly with water immediately after use.

SPILLAGE DURING TRANSPORT

Emergency action Notify police and fire departments immediately. For any spill, leak, fire, or exposure in the United States, call **1 800 888 8372**. In other countries, call your local Syngenta agent.

KEEP PUBLIC AND ANIMALS away from area. **MARK ROADS AND WARN OTHER ROAD USERS**. **WEAR** face shield, waterproof gloves, waterproof footwear, and long sleeve shirt and long pants during decontamination operations.

Clean up spills as soon as possible. Cover spill with generous amount of clay or loam soil to absorb liquid, using a stiff broom to insure intimate contact. Sweep onto shovel and transfer to plastic bag or other disposable container. Repeat operations until contaminated surfaces are dry. Finally, hose spill site with water if feasible.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable return the product at once unopened and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. 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 manner of use or application, weather or crop conditions, presence of other materials, or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

Syngenta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent consistent with applicable law, (1) this warranty does not extend to the use of this product contrary to label instructions, under conditions not reasonably foreseeable to or beyond the control of Seller or Syngenta, and (2) Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent consistent with applicable law, in no event shall Syngenta be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Syngenta and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and of Liability, which may not be modified except by written agreement signed by a duly authorized representative of Syngenta.

DIRECTIONS FOR USE

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

This product is to be used only for formulation into herbicides with an acute oral toxicity to dogs (lethal effects) that exceeds 128 mg paraquat ion/kg body weight (602 mg of formulation/kg body weight for a 240 g paraquat ion/l formulation) and that contain an effective emetic that meets FAO specifications a dye and an olfactory alerting agent that have been cleared under FIFRA for use in pesticides registered for food use

READ ENTIRE LABEL USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS

Only for formulation into an herbicide for the following uses

(1) Terrestrial Food Alfalfa Almonds Asparagus Atemoya Biriba Black sapote Canistel Cassavas Cherimoya Clover and other Legumes Corn (pop field sweet and seed) Cotton Custard apple Dry beans Easter Lilies Fallow land Feijoa Garlic Guar Guava Hops Ilima Jaboticaba Lentils Longan Lychee Mamey sapote Mango Mint Onions Passion Fruit Pastures Pawpaw Peanuts Pigeon peas Pineapple Pomegranate Potato Pulasan Rambutan Rice Safflower Sapodilla Small fruits Small grains Sorghum Soursop Soybeans Spanish lime Star apple Starfruit Sugar apple Sugar Beets Sugarcane Sunflower Taniers Taro Trees and Vines Tyfon Vegetables Wax jambu White sapote Yams

Terrestrial Nonfood Conservation Compliance Lands Conservation Reserve Lands Federal Set Aside Lands Grasses grown for seed Resin soaking (pines) Tree Plantation Establishment

- (2) Uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration and
- (3) Uses for experimental purposes that are in compliance with USEPA requirements

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal

PESTICIDE STORAGE Store at temperatures above 32 F For help with any spill leak or fire involving this material call **1 800 888 8372**

PESTICIDE DISPOSAL Pesticide wastes are acutely hazardous Improper disposal of excess pesticide 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 at the nearest EPA Regional Office for guidance

CONTAINER DISPOSAL Triple rinse (or equivalent) Then offer for recycling or reconditioning 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

RECYCLABLE/REFILLABLE CONTAINERS Before refilling inspect thoroughly for damage such as cracks punctures bulges dents abrasions and damaged or worn threads on closure devices After filling and before transporting check for leaks Do not refill or transport damaged or leaking container

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER!

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For non emergency (e g current product information) call Syngenta Crop Protection at 1 800 334 9481
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Manufactured for
Syngenta Crop Protection LLC
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Greensboro North Carolina 27419 8300

PARAQUAT CONCENTRATE ES 1067 0505 AMENDIR4 NOV2009 B - pd - 02/05/10

PARAQUAT CONCENTRATE ES 1067 0505 AMENDIR4 NOV2009 C Clean - tb - 06/28/12
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