

AUG 08 1991

Nik Ramswick
Red Panther Chemical Company
P.O. Box 550
Clarksdale, Mississippi 38614

Dear Ms. Ramswick:

Subject: Revised Label and Confidential Statement of Formula;
Product Name Change
Red Panther 2,4-D Amine
EPA Registration No. 42761-18
Your Submission Dated May 3, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Please submit three (3) final printed copies for the above mentioned label.

The revised Confidential Statement of Formula dated May 3, 1991 is acceptable and has been added to your file as part of the record.

The Agency acknowledges your request for a brand name change and recognizes the name of this product to be "Red Panther 2,4-D Amine." Please use this name in all future correspondences with the Agency regarding this product.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (E7505C)

Enclosure

CONCURRENCES

SYMBOL	H7505C						
SURNAME	D. KENNY						
DATE	8/7/91						

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RED PANTHER 2,4-D AMINE

EXPIRATION
DATE 12/31/93
EPA Reg. No. 42761-18

AUG 08 1991

For the most complete information
on the use of Red Panther 2,4-D
amine, see the product label for the pesticide
registered under EPA Reg. No.

42761-18

KEEP OUT OF REACH OF CHILDREN
CAUTION
See Side Panel For Additional Precautionary Statements

ACTIVE INGREDIENT:

Dimethylamine salt of
2,4-Dichlorophenoxyacetic acid* 47.3%

INERT INGREDIENTS 52.7%
Total 100.0%

*Isomer Specific Acid Equivalent (39.3% or 3.8 lbs./Gal.) by AOAC
Method No. 6.D01-5.

Net Contents: 2½ Gallons

EPA Reg. No. 42761-18
EPA Est. No. 42761-MS-1

Distributed By: Red Panther Chemical Company, Clarksdale, Mississippi 38614

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin, eyes, and clothing. When handling this product wear chemical resistant gloves. Wash thoroughly before eating or smoking. Keep out of the reach of children.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Contact a physician immediately. Give victim one or two glasses of water and induce vomiting by touching the back of throat with a finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. If on Skin: Remove contaminated clothing and wash affected areas with soap and water. Do not reuse contaminated clothing until washed. Get medical attention if irritation persists. If in Eyes: Flush with water for at least 15 minutes. Call a physician immediately. If Inhaled: Remove victim to fresh air. Apply respiration if indicated.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters. Do not contaminate water used for irrigation or domestic purposes [(except as specifically recommended on this label) especially in areas where grapes, cotton, tomatoes, or other susceptible plants are grown. Do not treat irrigation ditches in areas where water will be used to overhead (sprinkler) irrigate susceptible crops especially grapes, tomatoes, tobacco, and cotton.]. Do not apply when weather conditions favor drift from target area.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

DIRECTIONS FOR USE

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

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

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. 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. Read the above reentry statement and the precau-

tionary statements to workers. 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 workers. Written warnings must include the following information. "CAUTION: Area treated with 2,4-D AMINE (contains 2,4-D) on (date of application). Do not enter without appropriate protective clothing until sprays have dried. (Insert here Statement of Practical Treatment from label.)"

RED PANTHER 2,4-D 4 LB. AMINE WILL CONTROL THE FOLLOWING WEEDS:

Bindweed	Goldenrod	Shepherdspurse
Bitterweed	Kochia	Tarweed
Broomweed	Lambsquarter	Thistle
Cocklebur	Morningglory	Vetch
Croton	Mustards	Wild Buckwheat
Dandelion	Peppergrass	Wild Carrot
Dock	Pigweed	Wild Onion
Dog Fennel	Plantain	Wild Radish
Fanweed	Ragweed	

This product is an amine salt formulation useful for the selective control of certain broadleaved annual and perennial weeds in resistant crops, such as small grains, corn, pastures, turf, and in noncrop areas. It presents less hazard than esters of 2,4-D in certain crops. RED PANTHER 2,4-D AMINE is soluble in both hard and soft water. It is equally adaptable for use in low gallonage equipment (5 to 20 gallons per acre) or high volume equipment (150 to 200 gallons of water per acre). Agitation is helpful to assure uniform mixing, but is not necessary after the produce has been completely dispersed. Rates of application shown should be considered as general. Consult State Agricultural Experiment Stations for special recommendations such as application, dosages, and timing of spraying. Use of this product may be governed in certain areas by local regulations. RED PANTHER 2,4-D AMINE produces best results when applied to weeds growing rapidly. Lack of moisture may cause less effective control. Thorough coverage is important. Some perennial weeds may require repeat treatment for control. Treat such weeds at bud stage if this occurs during period when crop is not unduly susceptible.

Do not apply RED PANTHER 2,4-D AMINE directly to or otherwise permit it to come into contact with vegetables, flowers, grapes, fruit trees, ornamentals, cotton, or other desirable plants which are sensitive to 2,4-D. Do not permit spray mist to drift onto them, since even minute quantities of the spray may cause severe injury during both growing and dormant periods. Coarse sprays are less likely to drift. Accordingly, applications by airplane, ground rigs and hand dispensers should be carried out only when there is no hazard from drift. Do not apply by airplane in the vicinity of cotton, grapes or other desirable vegetation susceptible to 2,4-D. Excessive amounts of 2,4-D in the soil may temporarily inhibit seed germination or plant growth. To avoid injury to desirable plants, do not store, handle or apply other agricultural chemicals with the same containers or equipment used for 2,4-D. Be sure that use of this product conforms to all applicable regulations.

SMALL GRAINS (Wheat, Oats, Barley, Rye): Use 1/2 to 1 pint of RED PANTHER 2,4-D AMINE per acre for annual and biennial weeds such as ragweed, mustard, lambsquarter or pigweed. Apply when crop is 6 inches tall, after the plants are well tillered, or after bloom stage. For perennial weeds use 1 to 1 1/2 pints when weeds are in the prebloom stage but avoid application when

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crop is in the boot to dough stage. Do not use on grain interplanted with legumes. Do not forage or graze treated grain fields within 2 weeks after treatment with 2,4-D. Do not feed treated straw to livestock.

CORN: Preemergence - Apply 1 to 2 quarts per acre to soil 5 days after planting but before corn emerges. Do not treat very light, sandy soil. Emergence - For broadleaved weeds, use 1 pint per acre just as corn plants are breaking ground. Postemergence - On corn over 8 inches tall, apply 1/2 to 1 pint per acre, use drop nozzles and direct spray near base of crop. Avoid application of 2,4-D to the growing point. Do not apply from tasseling to dough stage. **DO NOT FORAGE OR FEED TREATED CORN FODDER FOR 7 DAYS FOLLOWING APPLICATION.**

SUGARCANE: Apply 1 to 2 quarts per acre as a spring treatment or immediately after lay-by. Over-all application gives best results; however, row application can be made along with usual cultivation program. Apply as a preemergence application before canes appear or as a postemergence application in spring after cane emerges and through lay-by.

RICE: Use 1 to 2 pints of RED PANTHER 2,4-D AMINE in 5 to 7 gallons of water per acre. Treat only when rice is well established - 6 to 8 inches above the water. Water should be at least 3 inches deep everywhere in the field. Resistant weeds such as curly indigo may require 3 pints per acre. Do not treat if temperatures are over 90° F. Do not treat after seed stalks emerge.

SORGHUM: Apply 1/2 to 1 pint per acre. Crop is most tolerant to 2,4-D when 4 to 12 inches tall. Severe injury may result if 2,4-D is applied to plants less than 3 inches tall or after 12 inches tall to bloom period, and use drop nozzles when crop is over 10 inches tall. Do not apply from flowering to early dough stage. Consult State Agricultural Experiment Stations for specific recommendations.

PASTURES, LAWNS, GOLF COURSES, AND SIMILAR TURF: Apply 2 pints RED PANTHER 2,4-D AMINE per acre in sufficient water to provide good coverage. For small areas, use 1 tablespoon per gallon of water. Do not apply in newly seeded lawns until grass has become well established. Do not use on bent or other creeping grasses. Clovers or other legumes may be injured by 2,4-D especially during hot summer weather. Avoid spraying seed grasses when in the blossoming or pollinating stage. Do not graze dairy animals on treated areas within 7 days of application. Do not harvest grass for hay within 30 days of application. Do not graze meat animals on treated areas within 3 days of slaughter.

NON-CROP AREAS (Fencerows and Drainage Ditchbanks): Use 1 to 2 quarts RED PANTHER 2,4-D AMINE per acre in sufficient water to obtain good coverage of foliage. Deep-rooted broadleaved perennials may require 3 quarts per acre, with repeat treatments made as necessary. NOTE: For spot treatment of resistant weeds in crops listed above, use 2 tablespoons per gallon of water.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Do not store near fertilizers, seeds, insecticides, or fungicides.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. 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 other procedures approved by State and local authorities.

NOTICE

Red Panther Chemical Company warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions not reasonably foreseeable to Red Panther Chemical Company, and buyer assumes the risk of any such use. Red Panther Chemical Company shall not be responsible for incidental or co-incidental damages, if any, resulting from a breach of warranty.

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1	1	1	1	1	6	6	6	6	6
2	2	2	2	2	7	7	7	7	7
3	3	3	3	3	8	8	8	8	8
4	4	4	4	4	9	9	9	9	9
5	5	5	5	5	0	0	0	0	0
6	6	6	6	6	1	1	1	1	1
7	7	7	7	7	2	2	2	2	2
8	8	8	8	8	3	3	3	3	3
9	9	9	9	9	4	4	4	4	4