



COMPANY

NUMBER 5481-

PRODUCT

SERIAL NO. 108

LABEL

APPROVAL

DATE 12-7-84

Pm12

DEC 7 1984

Mr. H.R. McLane
Amvac Chemical Corporation
4100 East Washington, Blvd.
Los Angeles, CA 90023

Gentlemen:

Subject: Durham Sevin Dust 10
EPA Registration No. 5481-108
Label Improvement Program - PR Notice 83-2 & 83-3
Submission Dated October 19, 1984

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.

We also grant your request to send to us finished labeling when marketing demand reinstatement of your product or at your next printing, whichever comes first.

Sincerely yours,

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure

JOB-85010:Ellenberger:tar:Kendrick:898-1270:11/30/84:Del.12/8/84:RD-15A

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

AMVAC CHEMICAL CORPORATION
4100 East Washington Blvd.
Los Angeles, California 90023

DEC 7 1984

Registered under EPA Reg. No.
5481-108

DURHAM SEVIN DUST 10

FOR CONTROL OF LISTED INSECTS ON BEANS,
EGGPLANT, PEPPER, POTATO, TOMATO, and on
COTTON, AND FRUITS SUCH AS GRAPES, PEACHES,
AND STRAWBERRIES

ACTIVE INGREDIENT:

CARBARYL (1-naphthyl N-methylcarbamate)	10.0%
INERT INGREDIENTS:	90.0%
Total	100.0%

*Registered Trademark, Union Carbide Corp. for the
Active Ingredient 1-naphthyl N-methylcarbamate

KEEP OUT OF REACH OF CHILDREN
CAUTION

STATEMENTS OF PRACTICAL TREATMENTS

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. **IF IN EYES:** Flush eyes with plenty of water. Get medical attention immediately. **IF ON SKIN:** Remove contaminated clothing and wash effected area with soap and water. Get Medical attention. **IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention. **NOTE TO PHYSICIAN:** Carbaryl is a moderate reversible cholinesterase inhibitor. Atropine is antidotal.

See Side/Back Panel For Additional Precautionary Statements.

EPA Reg. No. 5481-108

EPA Est. No. 5481-CA-1

NET WEIGHT _____ POUNDS

AMVAC CHEMICAL CORPORATION
4100 East Washington Blvd.
Los Angeles, CA - 90023

PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals

CAUTION: May be harmful if swallowed. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling and before eating or smoking. See NOTE TO PHYSICIAN on front panel.

RE-ENTRY AND FARM WORKER SAFETY 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. Because certain states may require more restrictive re-entry 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 treated areas or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written warnings must include the following information:

CAUTION - Area treated with Durham Sevin Dust 10 on (Date) . Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure refer to Statements of Practical Treatment or other Precautionary Statements on this product label.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Subsequent planting of food and feed crops in treated soil must be made with crops on this or other carbaryl labels.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. STORAGE: Store product in original container in a cool, dry, locked, place out of reach of children. PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved wastes disposal facility. CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

DIRECTIONS FOR USE (Cont.)

APPLY THE SPECIFIED AMOUNTS OF THIS PRODUCT UNIFORMLY TO THE FOLIAGE WHEN AIR IS CALM, USING GROUND EQUIPMENT OR AIRCRAFT. APPLY AT THE FIRST SIGN OF INFESTATION AND INFECTION AND REPEAT AT 7 TO 10 DAY INTERVALS AS NEEDED TO MAINTAIN CONTROL.

RATES ARE GIVEN FOR AVERAGE CONDITIONS AND EXPRESSED AS POUNDS OF PRODUCT PER ACRE APPLICATION. FOR UNUSUAL CONDITIONS MAXIMUM ALLOWABLE RATES PER ACRE ARE GIVEN IN PARENTHESES (), AFTER EACH CLAIM.

RECOMMENDATIONS:

(READ ALL PRECAUTIONS AND DIRECTIONS FOR USE BEFORE USING.)

BEANS -- USE 10 LB. FOR MEXICAN BEAN BEETLE, USE 10 LB. FOR BEAN LEAF BEETLE, CUCUMBER BEETLES, FLEA BEETLES, JAPANESE BEETLE, LEAFHOPPERS, VELVETBEAN CATERPILLAR AND WESTERN BEAN CUTWORM. USE 10-15 LB. FOR ARMYWORMS AND TARNISHED PLANT BUGS; 20 LB. FOR CORN EARWORM, LIMA BEAN POD BORE, LYGUS AND STINK BUGS. MAY BE APPLIED UP TO AND INCLUDING THE DAY OF HARVEST. (21 LB.)

COTTON -- USE 10 LB. FOR EARLY SEASON CONTROL OF: COTTON FLEAHOPPER, COTTON LEAFWORM, FLEA BEETLES, STRIPED BLISTER BEETLE, THRIPS. USE 10-20 LB. FOR MID AND LATE-SEASON CONTROL OF: BOLL WEEVIL, BOLLWORM, FALL ARMYWORM, COTTON LEAF PERFORATOR, LEAFROLLERS, LEAFHOPPERS, LYGUS BUGS (LIGHT TO MODERATE INFESTATIONS IN WESTERN IRRIGATED COTTON), TARNISHED PLANT BUGS, AFIDS (POPULATIONS WILL BE SUPPRESSED BY REPEATED APPLICATIONS OF THIS INSECTICIDE). USE 15-25 LB. FOR PINK BOLLWORM. (APPLY ON A 5-7 DAY SCHEDULE DEPENDING ON THE SIZE OF THE COTTON AND DEGREE OF INFESTATION.) USE 20 LB. FOR SALT-MARSH CATERPILLAR, STINK BUGS. USE 10-15 LB. FOR GRASSHOPPERS. THE HIGHER DOSAGE SHOULD BE USED WHEN GRASSHOPPERS ARE MATURE OR MATERIAL IS APPLIED ON PARTLY DEFOLIATED PLANTS. ALLOW 7 DAYS BETWEEN LAST APPLICATION AND GRAZING TREATED FIELDS OR HARVESTING CROP RESIDUE FOR USE AS FEED OR BEDDING FOR DAIRY OR MEAT ANIMALS.

EGGPLANT, PEPPER, POTATO AND TOMATO:

USE 10 LB. FOR COLORADO POTATO BEETLE, FLEA BEETLES, AND LEAFHOPPERS. USE 10-20 LB. FOR EUROPEAN CORN BORER, FALL ARMYWORM, LACE BUGS, (EGGPLANT AND PEPPER). TOMATO FRUITWORM, TOMATO HORNWORM, TARNISHED PLANT BUGS AND STINK BUGS. MAY BE APPLIED UP TO AND INCLUDING DAY OF HARVEST. (POTATO --- 20 LB., OTHER CROPS --- 40 LB.)

GRAPES: -- USE 10-20 LB. FOR LEAF FOLDER, GRAPE LEAFHOPPER, AND GRAPE LEAF SKELETONIZER. FOR GRAPE LEAFROLLER, APPLY 10-15 LB. JUST BEFORE FIRST BROOD LARVAE EMERGE FROM THE FIRST ROLLS. APPLY 10-20 LB. FOR THE CONTROL OF 2ND AND 3RD BROODS. APPLY AS NEEDED FOR LEAFHOPPERS. USE 20 LB. FOR GRAPE BERRY MOTH, JAPANESE BEETLES, JUNE BEETLES, AND RED-BANDED LEAFROLLER. MAY BE APPLIED UP TO AND INCLUDING THE DAY OF HARVEST (30 LB.) WORKERS SHOULD NOT BE PERMITTED TO ENTER TREATED AREAS TO ENGAGE IN ANY ACTIVITY REQUIRING SUBSTANTIAL CONTACT WITH TREATED FOLIAGE WITHIN 2 DAYS FOLLOWING APPLICATION.

PEACHES: ORIENTAL FRUIT MOTH, AND PEACH TWIG BORER: APPLY 50 LB. PER ACRE IN MID-SUMMER AND LATE WINTER. MAKE 4 APPLICATIONS AT 10-60 DAY INTERVALS. MAY BE APPLIED UP TO ONE DAY OF HARVEST. (80 LB.) WORKERS SHOULD NOT BE PERMITTED TO ENTER TREATED AREAS TO ENGAGE IN ANY ACTIVITY REQUIRING SUBSTANTIAL CONTACT WITH TREATED FOLIAGE WITHIN 2 DAYS FOLLOWING APPLICATION.

STRAWBERRIES: USE 10-20 LB. FOR MEADOW SPITTLEBUG, STRAWBERRY LEAF ROLLER AND STRAWBERRY WEEVIL. MAY BE APPLIED UP TO ONE DAY OF HARVEST. (20 LB.)

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller, and buyer assumes the risk of any such use.