

SPECIMEN LABEL

ACCEPTED

FOR AGRICULTURAL USE ONLY

Spin-aid

HERBICIDE

Postemergence herbicide for control of weeds in spinach (grown for processing and seed only) and red beets

ACTIVE INGREDIENT:

Phenmedipham*

INERT INGREDIENTS

15.9%

84.1%

Total

100.0%

*Methyl m-hydroxycarbanilate m-methylcarbanilate (ester)

Contains 1.3 lbs. active ingredient per gallon.

This product contains the toxic inert ingredient isophorone.

EPA Reg. No. 45639-76

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

**KEEP OUT OF REACH OF CHILDREN
WARNING—AVISO
STATEMENT OF PRACTICAL TREATMENT**

IF SWALLOWED: CALL A PHYSICIAN OR POISON CONTROL CENTER. DO NOT INDUCE VOMITING.
NOTE TO PHYSICIAN: EMPTY STOMACH CONTENTS BY GASTRIC LAVAGE. AVOID ASPIRATION.

PONDS. DO NOT APPLY WHERE RUNOFF IS LIKELY TO OCCUR. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT FROM AREAS TREATED

STORAGE AND DISPOSAL

STORAGE — Store in original container and keep closed. Store in a cool, dry place. Do not use or store near heat or open flame.

PESTICIDE DISPOSAL — Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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.

GENERAL INFORMATION

Spin-aid® is a selective postemergence herbicide for use in spinach (grown for processing and seed) and red (table) beets. Note: Use **Spin-aid** on spinach only during the months September-May when temperatures are below 75°F. **Spin-aid** is effective for control of the following weeds:

Wild mustard *Brassica kaber*

Common lambsquarters *Chenopodium album*

Shepherdspurse *Capsella bursa-pastoris*

London rocket *Sisymbrium*

Nettleleaf goosefoot *Chenopodium murale*

Groundcherry *Physalis lanceifolia*

Coast fiddleneck *Amsinckia intermedia*

Common chickweed *Stellaria media*

Purslane *Portulaca oleracea*

Common ragweed *Ambrosia artemisiifolia*

Annual sowthistle *Sonchus oleraceus*

For best results, spray when the weeds are at the two-leaf stage.

USE PRECAUTIONS

DO NOT APPLY **SPIN-AID** TO SPINACH LATER THAN 40 DAYS PRIOR TO HARVEST. DO NOT APPLY **SPIN-AID** TO RED BEETS LATER THAN 60 DAYS PRIOR TO HARVEST.

SPIN-AID MAY CAUSE INJURY IF THE CROP IS UNDER STRESS FROM ONE OR MORE OF THE FOLLOWING CONDITIONS:

Rapid climatic changes from cool, overcast days, to hot (75° or over), bright days. Windy conditions or drought. Use of a preplant or preemergence herbicide or other chemicals.

If **Spin-aid** applications must be made on days with extreme temperature and/or brightness, delay spraying until evening. DO NOT OVERTREAT. The use of higher than recommended rates may cause injury.

Do not spray while dew is present.

Rainfall within 6 hours of spraying may reduce weed kill. Do not allow spray drift to contact adjacent crops which may be injured by spray drift.

IMPORTANT

Spin-aid may cause temporary growth retardation and/or chlorosis or tip-burn. Crops usually resume normal growth within 10 days.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read the entire Directions for Use before using this product.

REENTRY STATEMENT

Reentry into treated areas is prohibited until leaves are completely dry.

Do not enter treated areas without protective clothing.

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. (Indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be evacuated and appropriate actions to take in case of accidental exposure.) 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:

WARNING. Area treated with **Spin-aid** on (date of application). Do not enter without appropriate protective clothing until leaves are completely dry. In case of accidental exposure, see Statement of Practical Treatment on the label.

When used as directed, **Spin-aid** is selective in spinach and red beets past the 4-6 true leaf stage. Crops may be severely injured if treated before the 4-6 true leaf stage. The stage of growth of the weeds is very important for satisfactory

control. The formulation contains sufficient wetting agents for optimum coverage. Do not add additional wetting agents or other spray adjuvants. Add sufficient water to fill the lines. Then add the desired amount of **Spin-aid** and the remaining quantity of water with the bypass agitator running. Bypass agitation is sufficient. Mechanical agitation is not necessary. Only use freshly prepared spray emulsions. Always spray immediately after preparing the spray solution. Prepare only enough spray solution to last less than four hours.

RATE OF APPLICATION

By Ground: Apply **Spin-aid** at the rate of 3 to 6 pints per acre in 11 to 22 gallons of water broadcast basis. For band application, see dosage chart. **TOO MUCH WATER MAY CAUSE PRECIPITATION.**
By Air: Apply **Spin-aid** at the rate of 3 to 6 pints per acre using 5 to 20 gallons of spray per acre.

Use the 6 pint rate only on well-established crops which are not under stress. Avoid phytotoxic spray drift to non-target crops during application of **Spin-aid**. **DO NOT APPLY WHEN WIND SPEED IS OVER 10 MILES PER HOUR. AVOID APPLICATIONS WHEN CONDITIONS FAVOR DRIFT.**

For further information, contact your County Agricultural Agent, Farm Advisor or NOR-AM Chemical Company.

DOSAGE CHART FOR BAND APPLICATIONS

Broadcast Equivalent	Band Rate	
	Band Width	Row Spacing 26"
3 pints/acre	5"	9.2 fl oz
	7"	12.9 fl oz
6 pints/acre	5"	18.5 fl oz
	7"	25.8 fl oz

IMPORTANT: READ BEFORE USE

By using this product, user accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather and soil conditions, manner of use and other factors beyond NOR-AM Chemical Company's control, it is impossible for NOR-AM to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible.

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of NOR-AM Chemical Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. UNDER NO CIRCUMSTANCES SHALL NOR-AM CHEMICAL COMPANY BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM FAILURE TO USE THIS PRODUCT IN ACCORDANCE WITH LABEL DIRECTIONS.

LIMITATIONS OF LIABILITY: In no event shall NOR-AM Chemical Company's liability for damages arising out of the use of this product exceed the purchase price of the product used.

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Spin-aid

HERBICIDE

Postemergence herbicide for control of weeds in spinach (grown for processing and seed only) and red beets

ACTIVE INGREDIENT:

Phenmedipham*

15.9%

INERT INGREDIENTS

84.1%

Total 100.0%

*3-methoxycarbonylamino-phenyl-3-methylcarbanilate

Contains 1.3 lbs. active ingredient per gallon.

This product contains the toxic inert ingredient isophorone.

EPA REG. NO. 45639-76

EPA EST. NO. 407-MN-1

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

ACCEPTED

DEC 14 1987

Under Federal Insecticide,
Fungicide, and Rodenticide Act,
this product has been found to
be in compliance with the
EPA Reg. 162.101.

KEEP OUT OF REACH OF CHILDREN

WARNING — AVISO

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: CALL A PHYSICIAN OR POISON CONTROL CENTER. DO NOT INDUCE VOMITING.

NOTE TO PHYSICIAN: EMPTY STOMACH CONTENTS BY GASTRIC LAVAGE. AVOID ASPIRATION.

IF IN EYES: FLUSH WITH PLENTY OF WATER. GET MEDICAL ATTENTION.

IF ON SKIN: WASH IMMEDIATELY WITH PLENTY OF SOAP AND WATER.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONS

 **NOR-AM.**
NOR-AM CHEMICAL COMPANY

3509 Silverside Road, P.O. Box 7495
Wilmington, DE 19803

NET CONTENTS:
1 GALLON

U.S. Patent No. 3,404,975
U.S. Patent No. 3,692,829

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS — HARMFUL IF SWALLOWED. MAY PRODUCE SEVERE IRRITATION OF EYES AND IRRITATION OF SKIN. AVOID BREATHING SPRAY MIST. AVOID CONTACT WITH SKIN AND EYES.

DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT FROM TREATED AREAS.

AVOID CONTAMINATION OF FEED AND FOODSTUFFS.

ENVIRONMENTAL HAZARDS — THIS PESTICIDE IS TOXIC TO FISH AND AQUATIC ORGANISMS. DO NOT APPLY DIRECTLY TO WATER OR WETLANDS (SWAMPS, BOGS, MARSHES, AND POTHOLE). DRIFT AND RUNOFF FROM TREATED AREAS MAY BE HAZARDOUS TO FISH AND AQUATIC ORGANISMS IN ADJACENT AQUATIC SITES. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES.

STORAGE AND DISPOSAL

STORAGE — Store in original container and keep closed. Store in a cool, dry place. Do not use or store near heat or open flame.

PESTICIDE DISPOSAL — Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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.

When used as directed, SPIN-AID is selective in spinach and red beets past the 4-6 true leaf stage. Crops may be severely injured if treated before the 4-6 true leaf stage. The stage of growth of the weeds is very important for satisfactory control. For best results, spray when the weeds are at the two-true leaf stage. Best results are obtained when the weeds are actively growing and are not under water or heat stress.

MIXING THE SPRAY: MAKE SURE THE SPRAYER IS CLEAN.

SPIN-AID is an emulsifiable concentrate. The formulation contains sufficient wetting agents for optimum coverage. Do not add additional wetting agents or other spray adjuvants. Add sufficient water to fill the lines. Then add the desired amount of SPIN-AID and the remaining quantity of water with the bypass agitator running. Bypass agitation is sufficient. Mechanical agitation is not necessary. Only use freshly prepared spray emulsions.

Always spray immediately after preparing the spray solution. Prepare only enough spray solution to last less than four hours.

RATE OF APPLICATION

By Ground: Apply SPIN-AID at the rate of 3 to 6 pints per acre in 11 to 22 gallons of water broadcast basis. For band application, see dosage chart. **TOO MUCH WATER MAY CAUSE PRECIPITATION.**

By Air: Apply SPIN-AID at the rate of 3 to 6 pints per acre using 5 to 20 gallons of spray per acre.

Use the 6 pint rate only on well-established crops which are not under stress.

Avoid phytotoxic spray drift to non-target crops during application of SPIN-AID.

DO NOT APPLY WHEN WIND SPEED IS OVER 10 MILES PER HOUR. AVOID APPLICATIONS WHEN CONDITIONS FAVOR DRIFT.

For further information, contact your County Agricultural Agent, Farm Advisor or NOR-AM Chemical Company.

DOSAGE CHART FOR BAND APPLICATIONS

	Band Rate	
Broadcast Equivalent	Band Width	Row Spacing 26"
3 pints/acre	5"	9.2 fl. oz.
	7"	12.9 fl. oz.
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	7"	25.8 fl. oz.

IN CASE OF FIRE, LEAKY OR DAMAGED CONTAINERS, OR OTHER EMERGENCY, REPORT AT ONCE BY TOLL-FREE TELEPHONE TO: 800-424-9300.

IMPORTANT: READ BEFORE USE

By using this product, user accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather and soil conditions, manner of use and other factors beyond NOR-AM Chemical Company's control, it is impossible for NOR-AM to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible.

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of NOR-AM Chemical Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. **UNDER NO CIRCUMSTANCES SHALL NOR-AM CHEMICAL COMPANY BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM FAILURE TO USE THIS PRODUCT IN ACCORDANCE WITH LABEL DIRECTIONS.**

LIMITATIONS OF LIABILITY: In no event shall NOR-AM Chemical Company's liability for damages arising out of the use of this product exceed the purchase price of the product used.

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DO NOT REUSE THIS CONTAINER

752-P-SA-IG-Rev. 9/87

GENERAL INFORMATION

SPIN-AID is a selective postemergence herbicide for use in spinach (grow for processing and seed) and red (table) beets.

SPIN-AID is effective for control of the following weeds:

Wild mustard	Brassica kabi
Common lambsquarters	Chenopodium album
Shepherdspurse	Capsella bursa-pastoris
London rocket	Sisymbrium irio
Nettleleaf goosefoot	Chenopodium murale
Groundcherry	Physalis lanceifolia
Coast fiddleneck	Amsinckia intermedia
Common chickweed	Stellaria media
Purslane	Portulaca oleracea
Common ragweed	Ambrosia artemisiifolia
Annual sowthistle	Sonchus oleraceus

For best results, spray when the weeds are at the two-leaf stage.

USE PRECAUTIONS

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM. DO NOT APPLY SPIN-AID TO SPINACH LATER THAN 40 DAYS PRIOR TO HARVEST. DO NOT APPLY SPIN-AID TO RED BEETS LATER THAN 60 DAYS PRIOR TO HARVEST. SPIN-AID MAY CAUSE INJURY IF THE CROP IS UNDER STRESS FROM ONE OR MORE OF THE FOLLOWING CONDITIONS:

Rapid climatic changes from cool, overcast days, to hot (75°F or over), bright days. Wind conditions or drought.

Use of a preplant or preemergence herbicide or other chemicals.

Insect or disease injury.

Crowd cultivation.

If stress conditions are present, delay application in order to give plants a chance to recover.

If extreme weather conditions are of short duration, delay spraying until the end of such a period.

If SPIN-AID applications must be made on days with extreme temperature and brightness, delay spraying until evening.

DO NOT OVERTREAT: The use of higher than recommended rates may cause injury.

Do not spray while dew is present.

Rainfall within 6 hours of spraying may reduce weed kill. Do not allow spray drift to contact adjacent crops which may be injured by spray drift.

IMPORTANT

SPIN-AID may cause temporary growth retardation and/or chlorosis or tip-burn. Crop usually resume normal growth within 10 days.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read the entire Directions for Use before using this product.

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. Reentry into treated areas is prohibited until leaves are completely dry.

Do not enter treated areas without protective clothing.

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. (Indicate specific oral warning which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be evacuated and appropriate actions to take in case of accidental exposure.) 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:

WARNING: Area treated with SPIN-AID on (date of application). Do not enter without appropriate protective clothing until leaves are completely dry. In case of accidental exposure, see Statement of Practical Treatment on the label.

SPIN-AID is a selective postemergence herbicide for use in spinach (grow for processing and seed) and red (table) beets. Do not apply below 75°F in order to prevent phytotoxicity.

BEST AVAILABLE COPY