Betanal.

SUGAR BEET HERBICIDE

POST-EMERGENCE HERBICIDE FOR CONTROL OF WEEDS IN BEETS

EPA Registration No. 2139-101

ACTIVE INGREDIENT: Phenmedipham* 15.9% Total100.0% *Methyl m-hydroxycarbaniiite m-methylcarbanilate (ester) Contains 1.3 lbs. active ingridlent per gallon.

KEEP OUT OF REACH OF CHILDREN WARNING

PRECAUTIONARY STATEMENTS

HAZAROS TO HUMANS—Harmful if mailtuved. May produce severe irritation of eyes and irritation of skin, Avoid breathing space wills. Avoid contact with skin and eyes.

in case of eye contact, flush with planty at water for 15 minutes and get medical attention: for skin, wash immediately with soop and water.

Avoid contamination of feed and foodstalls.

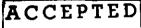
ENVIRONMENTAL HAZARDS—This parallel is toxic to fish. Keep out of lakes, streams or ponds. Do not apply where runoff is little to occur. Do not apply when weather conditions favor drift from areas treated.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS

U. S. Pater No. 3.404,975 U.S. Pater No. 3,692,820

NET CONTENTS: 5 GALLONS





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Under the Federal Insecticide. Fungicide, and Rodenticide Act. as amended, for the pesticide FPA Beg. No. -2139-101

NAPERMILLE ILL NOIS 60540

Betanal. SUGAR BEET HERBICIDE

GENERAL INFORMATION

BETANAL is a selective post-emergence herbicide for use in sugar beets (including beets grown for seeds) and table (red) beets for the following weeds:

DO NOT APPLY BETANAL OR THE BETANAL + BETANEX TANK-MIX TO SUGAR BEETS LATER THAM 90 DAYS PRIOR TO HARVEST. DO NOT APPLY BETANAL TO RED BEETS LATER THAM 80

BETAMAL OR THE BETAMAL + BETAMEX TANK-MIX MAY CAUSE BEET INJURY IF THE CROP IS UNDER STRESS FROM ONE OR MORE OF THE FOLLOWING CONDITIONS:

Rapid climatic changes from cool, overcast days to hot (65°F or over), bright days.

Windy conditions or drought.

Use of a preplant or pre-emergence herbicide or other chemicals.

Insect or disease injune

If stress conditions are fresent, 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. HBETANAL or BETANAL + BETANEX TANK-MIX applications must be made on days with extreme temperature and/or brightness, delay apraying until evening.

DO NOT OVER-TREAK The use of higher than recommended rates may cause best injury. Do not spray white daw is present.

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

IMPORTANT

TANAL + BETA

TANK-MIX may cause temporary growth retardation and/or Beets 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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not re-use container. Triple rinse and perforate empty containers and dispose of containers, left-over spray solution and concentrate by burying in non-cropland away from water supplies. Consult federal, state or local disposal authorities for approved proce-

When used as directed BETANAL and a 1 : 1 TANK-MIX OF BETANAL + BETAREX are selective in beets past the two-true leaf stage. Beets may be severely injured if treated before the two-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

SETANAL 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 BETANAL 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

By Ground: Apply Setanal at the rate of 5 to 9 pints per sore in 22 to 33 gallons of water broadcast basis. For band application see desage chart. TOO ISUCH WATER MAY CAUSE PRECIPITATION.

By Air: Apply Betanal at the rate of 6 to 9 pints per scre-using 5 to 15 gallons of spray per scre. · Line the 9 pint rate only on well established bests which are not under stress.

In order to avoid phytotoxic agray grift to non-target crops during application of Setunal or a 1:1

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

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CONDITIONS FROM DIFF.

Transition receiving physolatically to full planted suger bests in Artzona and south of the Tehachapi Minimateria in Collection when itemperatures are above 85°F, apply BETANAL or a 1:1 tank-mix of SETAMAL and RETAINELY the pasts of 4 plants per acre (broadcast equivalent). Evening applications are accommended.

For Further information, Sontact Your County Agricultural Agent, Form Advisor or NOR-AM Agricultural Products.

A 1 : bank-not of BETANAL and BETANEX gives similar weed control to BETANAL used alone. The tunk-mix gives consistently better control of redroot pigweed. Apply the tank-mix at the rate
of 4% to 7% pints per acre (2% pints BETANAL + 2% pints BETANEX to 3% pints BETANAL + 3%
pints BETANEX). Apply in 20 to 50 gallons of water per acre, broadcast basis by ground and 5 to 15 autions by six. 😓 🎎 🗠 💆

REPEAT APPLICATION OF BETANAL AND 1:1 SETANAL + BETANEX TANK-MIX (FOR USE ON SUGAR BEETS ONLY)

Hot to be wood in Arizona or California south of the Tokacha For control of later germinating weeds, make a second application of BETAMAL or 1:1 SETAMAL + BETANEX tank-mix. Use 6 to 71/2 pints of BETANAL per scre or 41/2 to 6 pints of 1:1 BETANAL + BETANEX tank-mix (2% pints BETANAL + 2% pints BETANEX to 3 pints BETANAL + 3 pints BETANEX, Hallow at least 7 days between first and second applications. Apply when beets have at least 4 leaves. Where a repeat application is made the first application must not exceed 6 pints per acre. For best results, use the higher rate and spray when weeds are at the two-true leaf stage. Apply lower rates when the beets are under stress as explained on the left panel.

DOSAGE CHART FOR BAND APPLICATION

Broadcast Equivalent	Band Rate			
	Band Width	Row Specing		
		22"	28"	32 ⁻
41/2 pints/acre1	5°	16.4 fl. oz. 22.9 fl. oz.	12.9 fl. oz. 18.0 fl. oz.	11.3 fl. oz. 15.8 fl. oz.
6 pints/acre	5 7	21,8 fl. oz. 30,5 fl. oz.	17.1 fl. oz. 24.0 fl. oz.	15.0 fl. oz. 21.0 fl. oz.
7½ pints/acre	5 ⁻	27.3 fl. oz. 38.2 fl. oz.	21.4 fl. oz. 30.0 fl. oz.	18.8 ft. oz. 26.3 ft. oz.
9 pints/acre ²	5° 7'	32.7 fl. oz. 45.8 fl. oz.	25.7 fl. oz. 36.0 fl. oz.	22.5 fl. oz. 31.5 fl. oz.

^{&#}x27;This dosage applies only to tank mixes with BETANEX. "This dosage applies only to BETANAL used alone.

IMPORTANT: READ BEFORE PURCHASE OR USE

Purchase or use of this product shall constitute acceptance of the following terms of sale. NOR-AM Agricultural Products, Inc. (NOR-AM) warrants that this product conforms to the chemical descriptions on this label and is reasonably fit for the purposes specified hereon. By wey of limitation but not in decogation of the directions and statements printed on this label, Seller makes no warranty and no representation and NOR-AM makes no further warranty or representation, expressed or implied, including but not limited to any warranty as to MERCHANTABILITY. and no agent of NOR-AM is authorized to do so except in writing, with a specific reference to the foregoing warranty. Since neither Seller nor NOR-AM has any control over the handling, storage. use or conditions of use of this product. Buyer or user assumes all risks and liability arising from handling, storage or use of this product under abnormal conditions or not in strict compliance with the directions and precautionary statements hereon. All claims related to the purchase handling, storage or use of this product shall be barred unless written notice is given to NOR-AM within 30 days after the loss is discovered. Liability of the Seller or NOR-AM for any damages arising from a breach of this warranty shall be limited to exclude consequential com-

> OO NOT RE-USE THIS CONTAINER