

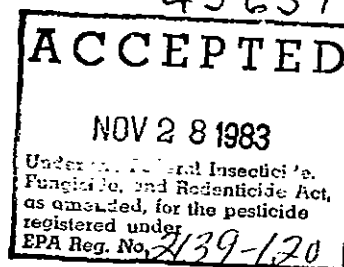
PM 25
45639-87

BETAMIX

GENERAL INFORMATION

BETAMIX selective post-emergence herbicide is registered for use in sugar beets (including beets grown for seeds):

Annual sowthistle	Sonchus oleraceus
Black nightshade	Solanum nigrum
Coast fiddleneck	Amsinckia intermedia
Common chickweed	Stellaria media
Common lambsquarters	Chenopodium album
Common ragweed	Ambrosia artemisiifolia
Green foxtail	Setaria viridis
Groundcherry	Physalis lanceifolia
Kochia*	Kochia scoparia
London rocket	Sisymbrium irio
Nettleleaf goosefoot	Chenopodium murale
Pigeon grass (yellow foxtail)	Setaria glauca
rostrate pigweed	Amaranthus graecizans
Purslane	Portulaca oleracea
Redroot pigweed	Amaranthus retroflexus
Shepherdspurse	Capsella bursa-pastoris
Wild buckwheat	Polygonum convolvulus
Wild mustard	Brassica kaber



*Spray kochia while in the rosette stage less than 1" in diameter. For best results spray when the weeds are at the two-leaf stage.

USE PRECAUTIONS

DO NOT APPLY BETAMIX TO SUGAR BEETS LATER THAN 90 DAYS PRIOR TO HARVEST.

DO NOT EXCEED A TOTAL OF 12 PINTS BETAMIX PER ACRE PER SEASON.

BETAMIX 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 (85°F or over), bright days.

Windy conditions or drought.

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

Insect or disease injury.

Close 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 BETAMIX applications must be made on days with extreme temperature and/or brightness, delay spraying until evening.

DO NOT OVER-TREAT: The use of higher than recommended rates may cause beet 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

BETAMIX may cause temporary growth retardation and/or chlorosis or tip-burn on sugar beets.
Beets usually resume normal growth within 10 days.

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 way of limitation but not in derogation 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 commercial damages.

FOR AGRICULTURAL USE ONLY

BETAMIX

SUGAR BEET HERBICIDE

Post-emergence Herbicide for Control of Weeds in Sugar Beets

ACTIVE INGREDIENTS:

Phenmedipham*	8.0%
Desmedipham**	8.0%

INERT INGREDIENTS:	84.0%
Total:	100.0%

Contains 1.3 lbs. active ingredient per gallon.

*Methyl m-hydroxycarbanilate m-methylcarbanilate (ester)

**Ethyl m-hydroxycarbanilate carbanilate (ester)

KEEP OUT OF REACH OF CHILDREN

WARNING

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.

In case of eye contact, flush with plenty of water for 15 minutes and get medical attention; for skin, wash immediately with soap and water.

Avoid contamination of feed and foodstuffs.

ENVIRONMENTAL HAZARDS-This product is toxic to fish. Do not apply directly to water or wetlands. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

PHYSICAL OR CHEMICAL HAZARDS-Do not use or store near heat or open flame.

SEE OTHER PANELS FOR ADDITIONAL PRECAUTIONS

DO NOT REUSE THIS CONTAINER. DESTROY WHEN EMPTY.

NET CONTENTS:

5 GALLONS

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

U.S. Patent No. 3,692,820

EPA Registration No. 2139-120

EPA Est. No. 32761-M0-3

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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 reuse 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 procedures.

When used as directed BETAMIX is 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

BETAMIX emulsifiable concentrate 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 BETAMIX 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 BETAMIX at the rate of 4 1/2 to 7 1/2 pints per acre in 20-50 gallons of water broadcast basis. For band application see dosage chart.

By Air: Apply BETAMIX at the rate of 4 1/2 to 7 1/2 pints per acre using 5 to 15 gallons of spray per acre.

Use the 7 1/2 pint rate only on well-established beets which are not under stress.

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DOSAGE CHART FOR BAND APPLICATION

Broadcast Equivalent	Band Width	Band Rate		
		22"	Row Spacing 28"	30"
2 pints/acre	5"	7.3 fl. oz.	5.7 fl. oz.	5.3 fl. oz.
	7"	10.1 fl. oz.	8.0 fl. oz.	7.5 fl. oz.
3 pints/acre	5"	10.9 fl. oz.	8.5 fl. oz.	8.0 fl. oz.
	7"	15.2 fl. oz.	12.0 fl. oz.	11.2 fl. oz.
4 1/2 pints/acre	5"	16.4 fl. oz.	12.9 fl. oz.	12.1 fl. oz.
	7"	22.9 fl. oz.	18.0 fl. oz.	16.9 fl. oz.
6 pints/acre	5"	21.8 fl. oz.	17.1 fl. oz.	16.0 fl. oz.
	7"	30.5 fl. oz.	24.0 fl. oz.	22.5 fl. oz.
7 1/2 pints/acre	5"	27.3 fl. oz.	21.4 fl. oz.	20.1 fl. oz.
	7"	38.2 fl. oz.	30.0 fl. oz.	28.1 fl. oz.

Revised 9-23-83

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

To avoid excessive phytotoxicity to fall-planted sugar beets in Arizona and south of the Tehachapi Mountains in California when temperatures are above 85°F, apply BETAMIX at the rate of 4 pints per acre (broadcast equivalent). Evening applications are recommended.

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

REPEAT APPLICATION OF BETAMIX

For control of later germinating weeds, make a second application of BETAMIX. Use 4 1/2 to 6 pints of BETAMIX per acre. Allow at least 7 days between first and second applications. Apply when beets have at least 4 leaves. 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.

SPLIT (LOW RATE) APPLICATIONS: (ALL SUGAR BEET AREAS EXCEPT CALIFORNIA)

Split (low rate) applications of BETAMIX at 2 to 3 pints per acre broadcast equivalent in 5 to 10 gallons of water may be applied to sugar beets at any stage of growth when necessary to control early germinating, difficult to control weeds. The spray must be applied when the earliest emerging weeds have reached cotyledon size.

Any weeds which are not completely controlled by the first treatment will usually be checked and controlled by repeat applications. The following application should be made 5 to 7 days after preceding application or when another flush of weeds germinates. If the second application is delayed, conventional treatment as described above will be necessary.

Apply the 4 1/2 to 7 1/2 pint rates only to sugar beets past the two-true leaf stage.

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