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Betamix

GENERAL INFORMATION

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

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

*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
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.

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

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 of 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.

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oral Insecticide
Rodenticide Act,
or the pesticide
of.

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 noncrop land 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 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 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.

In order to avoid phytotoxic spray drift to non-target crops during application of BETAMIX the following buffer zones should be observed:

Cotton—Potatoes—Sunflowers—Sorghum—Wheat	50 feet
Blackeye beans—Cabbage—Flax	100 feet
Lettuce—Rape—Tomatoes	300 feet

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.

DOSAGE CHART FOR BAND APPLICATION

Broadcast Equivalent	Band Rate			
	Band Width	Row Spacing		
		22"	28"	32"
4 1/2 pints/acre	5"	16.4 fl. oz.	12.9 fl. oz.	11.3 fl. oz.
	7"	22.9 fl. oz.	18.0 fl. oz.	15.8 fl. oz.
6 pints/acre	5"	21.8 fl. oz.	17.1 fl. oz.	15.0 fl. oz.
	7"	30.5 fl. oz.	24.0 fl. oz.	21.0 fl. oz.
7 pints/acre	5"	27.3 fl. oz.	21.4 fl. oz.	18.8 fl. oz.
	7"	38.2 fl. oz.	30.0 fl. oz.	26.3 fl. oz.