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ACTIVE INGREDIENT: 2 - Chloro-N-isopropylacetanilide		20%
INERT INGREDIENTS:		80%
	TOTAL	100%

NET WEIGHT 50 LBS.

EPA REG. NO. 2749-149

WARNING: KEEP OUT OF THE REACH OF CHILDREN.

MAY BE FATAL BY SKIN ABSORPTION. HARMFUL IF SWAL-LOWED. DO NOT TAKE INTERNALLY. IRRITATING TO SKIN, EYES, NOSE AND THROAT. AVOID BREATHING DUST OR SPRAY MIST. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING.

WHILE HANDLING, WEAR FRESHLY LAUNDERED COTTON OR CLEAN, RUBBER GLOVES.

AVOID BREATHING DUST. DO NOT TAKE INTERNALLY. USE WITH ADEQUATE VENTILATION. IN CASE OF CONTACT, FLUSH SKIN OR EYES WITH PLENTY OF WATER; FOR EYES, GET MEDICAL ATTENTION. WASH THOROUGHLY AFTER HANDLING. LAUNDER CLOTHING BEFORE REUSE. AVOID CONTAMINATION OF SEED, FEED AND FOODSTUFFS.

THIS PRODUCT IS TOXIC TO FISH AND WILDLIFE. BIRDS AND OTHER WILDLIFE IN TREATED AREAS MAY BE HARMED. KEEP OUT OF LAKES, STREAMS OR PONDS. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTE.

DO NOT REUSE EMPTY CONTAINER. DESTROY EMPTY CON-TAINER BY PERFORATING OR CRUSHING AND BURYING IN A SAFE PLACE.

For application of PROPACHLOR 20, do not rely on settings used for other granular herbicides.

GENERAL INFORMATION

PROPACHLOR 20

GRANULAR HERBICIDE

With broadcast treatment, as long as PROPACHLOR 20 is controlling the grasses and weeds, there is no need for cultivation. For band treated fields, when first cultivation is made, set cultivator to throw soil into the row covering the band.

CALIBRATION AND APPLICATION INSTRUCTIONS

It is important that the applicator be calibrated properly to deliver the desired amount of PROPACHLOR 20 to avoid applying too little or too much material. To calibrate, attach a cloth bag or strong plastic bag over the spreader plate or remove the delivery tube and attach a plastic nursing bottle over the spout. Operating over normal terrain to be planted, at planting speed, collect the granules for 500 linear feet and measure the volume ounces collected. In order to determine the correct volume of granules desired, multiply the width in inches of band of the granules which would have been laid down by the collected granules, times the factor 0.447.

For example: To apply 20 pounds per acre (broadcast rate) of PROPACHLOR 20, a spout or spouts feeding granules to a 14 inch band should deliver 6¹/₄ volume ounces in 500 feet (14 inches x 0.447 = 6.26 volume ounces). Tap plastic nursing bottle or other measuring container gently to settle the granules when taking a reading. Adjust the application equipment so that each spout dispenses the proper amount.

For broadcast (overall treatment) - Use broadcast applicators or fertilizer spreaders that can apply small amounts of granules evenly.

For band treatment - Use applicators designed for this purpose. Calculate the amount of granules per acre needed for band treatment as follows:

Band Width				Pounds of PROPACHLOR 20
in Inches	v	Recommended	_	needed per acre for
Inches Between	^	Over-All Rate		band treatment
Crop Rows				

For example: If 20 pounds per acre are recommended for over-all treatment and you wish to treat a band of 14 inches wide in crop rows spaced 40 inches apart:

14	V	20		7 pounds of granules needed per acre
40	X	20	Ξ	of crop for the band treatment.

WEED CONTROLLED

DIRECT

FIELD

PACHLO weeds. S organic higher ra SOI Sand Silt

Clay Band Tri Apply g emergent band, 40 number crop row to detert above fo grass or texture.

Broadcas rate of 2

Band Tre (40 inch If heavy may not the furre

Granular weeder of at lea

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GENERAL INFORMATION

PROPACHLOR 20 is recommended for use as a pre-emergence herbicide to control most annual grasses and certain broadleaf weeds. It should be applied to the soil surface prior to weed or crop emergence. The soil surface should be freshly worked and free of weed top growth. The seed bed should be fine, firm and free clods and trash.

Some moisture either as rain or irrigation is required soon after application to activate PROPACHLOR 20. On light sandy loam soil, 1/3 inch of rainfall and on heavy clay and or high organic soils, 1/3 to 3/4 inch of rainfall is required depending upon original soil moisture. Best results are obtained when moisture occurs within 10 days after application. Generally, lower amounts of rainfall are required where soil moisture is high at time of planting.

PROPACHLOR 20 with lesser amounts of rainfall in some instances will allow the grass seedlings to emerge, but they will be severely stunted and with a subsequent cultivation they can be covered up.

Harrowing or rotary hoeing after application may reduce weed control. If soil crusting becomes a problem and hoeing is necessary, hoe in the same direction the rows are planted.

Where deep lister planting is practiced, only partial weed control can be expected on steep furrow sides. It is suggested that a 7 inch band be applied at the bottom of the furrow. Best results can be expected where the granules lie on an even, flat surface not subject to shifting by wind or rain. For bar amount

For example you wish

For app granular

Annual Loliu

Barnyard (Water Echine

Carpetwe Mollu

Crabgrass Digita

Florida p Richa

Granular thistle, fi



nd treatment - U t of granules per ac	lse applicators designed for the reaction of the second second second second second second second second second	his purpose. Calculate the as follows:	above for grass or b
Band Width in Inches Inches Between Crop Rows	Po X Recommended = Over-All Rate	ounds of PROPACHLOR 20 needed per acre for band treatment	texture.
i ,			Broadcast
ample: If 20 pour	nds per acre are recommended	for over-all treatment and	rate of 25 t
sh to treat a band o	of 14 inches wide in crop rows	spaced 40 inches apart:	Band Treat (40 inch sp
14	_ 7 pounds of granules neede	ed per acre	If heavy ra
40 X 20	of crop for the band treatness	ment.	may not pr the furrow.
plication of PROP r herbicides.	PACHLOR 20, do not rely o	on settings used for other	
	WEED CONTROLLED		Granular P weeder or of at least
			trol. Incorp
ryegrass	Giant foxtail	Purslane	If applied o
um spp.	(Wild Millet) Setaria faberii	Portulaca oleracea	20. See the
rdgrass		Ragweed	
ergrass)	Green foxtail	Ambrosia	Broadcast (
nochloa	Setaria viridis	artemiisifolia	20 per acr
in yan			areas of hi
-	Yellow foxtail	Sandbur	soils, use th
veed	Setaria glauca	Cenchrus spp.	30110, 400
ugo verticillata			Band Treat
	0		7 to 8.5 pc
ss aria spo	Goosegrass Eleverine indice		prior to en
aria spp.	Eleusine indica		soits or in a
pussley	Groundsel		sorghum (n
ardia scabra	Seneca vulgaris		NOTE: Fo
	JEILEUU TUIYUITS		tionate amo
	Lambsquarter		
	Chenopodium album		
			Apply 20
	Pigweed		pounds pe
	Amaranthus spp.		planting ar high organi
r PROPACHLOR field bindweed, qua	20 WILL NOT CONTRO ackgrass, morningglory, cocklet	DL: Johnsongrass, Canaca bur and bull neetle.	Do not use Do not gra:

Manufactured for:

ACETO CHEMICAL CO., INC.

126-02 NORTHERN BOULEVARD, FLUSHING, N.Y. 11368

PROPACHLOR 20

GRANULAR HERBICIDE

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!0%	and weeds, there is no need for cultivation. For band treated fields, when first	
	cultivation is made, set cultivator to throw soil into the row covering the band.	FIELD
10%		Broadcas
)0%	CALIBRATION AND APPLICATION INSTRUCTIONS	PACHLC
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	amount of PROPACHLOR 20 to avoid applying too little or too much material.	organic
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	remove the delivery tube and attach a plastic nursing bottle over the spout.	,
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N .	for 500 linear feet and measure the volume ounces collected. In order to determine the correct volume of granules desired, multiply the width in inches of band of the	
	granules which would have been laid down by the collected granules, times the	SOI
F SWAL-	factor 0.447.	Com
O SKIN,	For example: To apply 20 pounds per acre (broadcast rate) of PROPACHLOR 20,	Sano Silt
SPRAY	a spout or spouts feeding granules to a 14 inch band should deliver 6¼ volume	Clay
	ounces in 500 feet (14 inches x $0.447 = 6.26$ volume ounces). Tap plastic nursing	· · · · · · · · · · · ·
ION OR	bottle or other measuring container gently to settle the granules when taking a	Band Tr
	reading. Adjust the application equipment so that each spout dispenses the proper	Apply g
	amount.	emergeno
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	that can apply small amounts of granules evenly.	crop row
		to deter
NTYOF	For band treatment - Use applicators designed for this purpose. Calculate the	above fo
	amount of granules per acre needed for band treatment as follows:	grass or
	Band Width Pounds of PROPACHLOR 20	texture.
	in Inches X Recommended = needed per acre for	
JFFS.	Inches Between Cover-All Rate band treatment Crop Rows	Broadcas
DS AND		rate of 2
D. KEEP	For example: If 20 pounds per acre are recommended for over-all treatment and	
MINATE	you wish to treat a band of 14 inches wide in crop rows spaced 40 inches apart:	Band Tre
WASTE.		(40 inch !f heavy
	$\begin{array}{rcl} 14 \\ 40 \end{array} \times 20 = \begin{array}{rcl} 7 \text{ pounds of granules needed per acre} \\ \text{of crop for the band treatment.} \end{array}$	may not
TY CON-	40 ^ 20 - of crop for the band treatment.	the furro
NG IN A	For application of PROPACHLOR 20, do not rely on settings used for other	
	granular herbicides.	0

Granular PROPACHLOR 20 must be incorporated into the soil by harrow, finger weeder or rotary hoe for weed control on furrow irrigated land. Shall incorporation

TIONS FOR USE:

CORN, HYBRID SEED CORN. SILAGE CORN AND SWEET CORN.

ast (over-all treatment) — Apply 20 to 30 pounds of granular PRO-OR 20 per acre on soil surface after planting and prior to emergence of See table below for recommended rates on various soil textures and levels of matter. In areas of heavy grass or broadleaf weed infestations, use the rate shown for your soil texture.

	ROADCAST RATE PER	ACRE
IL TEXTURE	Less than 3% organic matter	More than 3% organic matter
ndy to Sandy Loam	20 lbs.	25 lbs.
t Loam	22 lbs.	27 lbs.
y Loam to Clay	25 lbs.	30 lbs.

Freatment (Behind Press Wheei) (14 inch band, 40 inch row spacing) – granular PROPACHLOR 20 on soil surface after planting and prior to nce of either crop of weeds. To compute the rate per acre for a 14 inch 40 inch row spacing, select the appropriate broadcast rate and divide this r by 3. For other row spacings, divide band width by the inches between ows and multiply the answer by the recommended broadcast rate in pounds ermine the amount needed per acre for your band treatment. See table for recommended broadcast rates on various soil types. In areas of heavy or broadleaf weed infestation, use the higher rate shown for your soil

FOR LISTER OR DEEP FURROW PLANTED CORN

ast (overall treatment) - Apply granular PROPACHLOR 20 at the broadcast 25 to 30 pounds per acre.

reatment (Behind Press Wheel) - For a 7 inch band treatment over the row ch spacing), apply 4.4 to 5 pounds of granular PROPACHLOR 20 per acre. y rains follow application, the treatment on the top and sides of the furrow of provide his good weed and grass control as that obtained in the bottom of row.

FOR FURROW IRRIGATED CORN

YOF	OF For band treatment - Use applicators designed for this purpose. Calculate the amount of granules per acre needed for band treatment as follows:			
	Band Width		ounds of PROPACHLOR 20	grass or broad texture.
	in Inches	Pasammandad	needed per acre for	
S.	Inches Between	X Over-All Rate =	band treatment	FOR
З.	Crop Rows	Over-All Male		Broadcast (over
AND				rate of 25 to 30
(EEP	For example: If 20 pour	nds per acre are recommended	for over-all treatment and	
ATE	you wish to treat a band o	of 14 inches wide in crop rows	spaced 40 inches apart:	Band Treatmen
STE.				(40 inch spacin
012.	$\frac{14}{40}$ \times 20	7 pounds of granules neede	-	If heavy rains f
ON-	40 ~ 20	of crop for the band treatment	nent.	may not provid the furrow.
IN A	For application of PRO	PACHLOR 20, do not rely d	on settings used for other	
	granular herbicides.	,,,,,		
	3			Granular PROP
				wesder or rotal
		WEED CONTROLLED		of at least one-
· con-				trol. Incorporat
o the	Annual ryegrass	Giant foxtail	Purslane	If applied on ver
eshly	Lolium spp.	(Wild Millet)	Portulaca oleracea	20. See the tabl
1 free		Setaria faberii	Request	
	Barnyardgrass	Crean fartail	Ragweed Ambrosia	
	(Watergrass)	Green foxtail	artemiisifolia	Broadcast (over
on to	Echinochle.	Setaria viridis	artemnstrona	20 per acre o
id on		Yellow foxtail	Sandbur	areas of heavy
pend-	Carpetweed	Setaria glauca	Cenchrus spp.	soils, use the hi
ccurs	Mollugo verticillata	Setaria giauca	Cenenius spp.	Pand Treatmon
uired	Monago vertiemata			Band Treatmen
	Crabgrass	Goosegrass		7 to 8.5 pound prior to emerge
	Digitaria spp.	Eleusine indica		soils or in areas
w the	Digitaria spp.			sorghum (milo)
juent	Florida pussley	Groundsel		NOTE: For oth
•	Richardia scabra	Seneca vulgaris		tionate amount
-				
f soil		Lambsquarter		
n the		Chenopodium album		Apply 20 to 2
		D imute d		pounds per ac
		Pigweed		planting and p
ected		Amaranthus spp.		high organic so
ttom				
ı, flat	Granular PROPACHLO	R 20 WILL NOT CONTRO	OL: Johnsonarass Canaca	Do not use soy
		uackgrass, morningglory, cockle	•	Do not graze o
	Manufacture			



Manufactured for: ACETO CHEMICAL CO., INC. AGRICULTURAL CHEMICALS DIV. 126-02 NORTHERN BOULEVARD, FLUSHING, N.Y. 11368 commended broadcast rates on various soil types. In areas of heavy adleaf weed infestation, use the higher rate shown for your soil

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FOR FURROW IRRIGATED CORN

DPACHLOR 20 must be incorporated into the soil by harrow, finger tary hoe for weed control on furrow irrigated land. Shall incorporation behalf inch but not more than 2 inches is most effective for weed conration deeper than 2 inches will result in unsatisfactory weed control. very dry soil, irrigation is necessary to activate granular PROPACHLOR able above for recommended rates.

GRAIN SORGHUM (MILO)

verall treatment) - Apply 20 to 25 pounds of granular PROPACHLOR on soil surface after planting and prior to emergence of weeds. In vy grass of broadleaf weed infestations and on high organic matter higher rate in the recommended range.

ent (Behind Press Wheel) (14 inch band, 40 inch row spacing) - Apply nds granular PROPACHLOR 20 per acre in the band after planting and rgence of either crop or weeds. Use the higher rate for high organic eas of heavy grass or broadleaf weed infestations. Do not graze or feed o) forage or silage from treated fields to dairy animals.

ther row spacings, calculate amount of area covered and use propornts of the herbicide.

SOYBEANS (TO BE GROWN FOR SEED ONLY)

25 pounds of granular PROPACHLOR 20 per acre broadcast 7 to 8.75 acre in a 14 inch band over the row (40 inch row spacing), after prior to emergence of either crop or weeds. Use the higher rate for soils or in areas of heavy grass or broadleaf weed infestation.

oybean seed for food, feed or oil purposes. or feed forage from treated areas.

ACCEPTEL WITH COMPENIES