

BARBAN EC

POST-EMERGENCE WILD OAT HERBICIDE

ACTIVE INGREDIENT:

BARBAN (4-CHLORO-2-BUTYRYL-M-CHLORO-CARBANILATE)* 11.8%

INERT INGREDIENTS: 88.2%

TOTAL 100%

*CONTAINS 1 POUND ACTIVE PER GALLON.

EPA REG NO: 2749-247

NET CONTENT: 5 GALS.

CAUTION: KEEP OUT OF REACH OF CHILDREN.

HARMFUL IF SWALLOWED. THIS PRODUCT IS A SKIN IRRITANT AND SENSITIZER TO SOME PEOPLE. DO NOT GET IN EYES OR ON SKIN. IN CASE OF SKIN CONTACT, WASH IMMEDIATELY WITH SOAP AND WATER. WASH THOROUGHLY AFTER EACH USE. FOR EYES - FLUSH WITH PLENTY OF WATER. GET MEDICAL ATTENTION.

AVOID CONTAMINATION OF FEED AND FOODSTUFFS.

THIS PRODUCT IS TOXIC TO FISH. KEEP OUT OF LAKES, STREAMS OR PONDS. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT FROM AREAS TREATED. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES.

APPLY THIS PRODUCT AS SPECIFIED ON THIS LABEL.

DO NOT REUSE EMPTY CONTAINER. DESTROY BY BURYING IN A SAFE PLACE.

IT IS VITALLY IMPORTANT TO PREPARE, CLEAN AND CALIBRATE THE FARM SPRAYER TO DELIVER 5 GALLONS OF SPRAY SOLUTION PER ACRE.

1. FOR OVERALL SPRAYING, USE ONLY THE FOLLOWING FAN TYPE NOZZLES OR THEIR EQUIVALENT, SPACED 20 INCHES ON THE BOOM: MONARCH 20 AND 22; SPRAJET 65067; TEEJET 650067 AND 730077. THE SPRAYER SHOULD BE OPERATED AT A MINIMUM OF 45 POUNDS PRESSURE AND AT A SPEED TO DELIVER APPROXIMATELY 5 GALLONS OF SPRAY SOLUTION PER ACRE.
2. DO NOT USE BOOM EXTENSION NOZZLES OR BOOMLESS SPRAYERS
3. WE EMPHASIZE AGAIN THE CALIBRATING AND CLEANING OF THE SPRAYER IS MOST IMPORTANT.
4. WHEN APPLYING BY AIRPLANE USE EXPERIENCED AND QUALIFIED AERIAL APPLICATORS

WARNING

DO NOT LET SPRAY DRIFT INTO ADJACENT FIELDS, PARTICULARLY IF PLANTED WITH OATS, RYE OR BUCKWHEAT.

DO NOT SPRAY AFTER THIRD LEAF OF WILD OAT FIRST APPEARS.

DO NOT SPRAY CROPS LATER THAN RECOMMENDED UNDER "WHEN TO SPRAY". DO NOT ALLOW LIVESTOCK TO GRAZE ON FIELDS SPRAYED WITH BARBAN UNTIL AFTER HARVEST OF THE CROP.

DO NOT FEED FLAX STRAW OR THE LOWER THREE INCHES (STUBBLE) OF PEA VINES TO LIVESTOCK.

DO NOT FEED TREATED SOYBEAN FORAGE OR PODS TO LIVESTOCK

STORE ANY UNUSED MATERIAL IN ORIGINAL CONTAINER.

WHEN TO SPRAY:

BARBAN EC MUST BE APPLIED WHEN THE MAJORITY OF THE WILD OATS ARE IN THE TWO LEAF STAGE AND THE CROP IS IN THE PROPER STAGE OF GROWTH.

WILD OATS: THE TWO-LEAF STAGE IS FROM THE TIME THE SECOND LEAF FIRST APPEARS UNTIL THE THIRD LEAF FIRST APPEARS. EXAMINE THE FIELD DAILY. THE SECOND LEAF MAY APPEAR FOUR DAYS AFTER EMERGENCE. THE THIRD LEAF MAY APPEAR WITHIN NINE DAYS AFTER EMERGENCE. (SEE EXCEPTION BELOW). WHEN COUNTING THE NUMBER OF WILD OAT LEAVES TO DETERMINE THAT THE PLANT IS IN THE PROPER STAGE FOR TREATMENT, COUNT THE FIRST LEAF EVEN THOUGH IT HAS BEEN DAMAGED BY WIND OR FROST. THE RESULTING CONTROL WILL BE LESS THAN NORMAL DUE TO THE LOSS OF THIS FIRST LEAF. EARLIER OR LATER APPLICATION WILL RESULT IN LESS WILD OAT CONTROL.

EXCEPTION: WILD OAT GROWTH WILL BE RETARDED WHEN COLD DRY OR LOW FERTILITY CONDITIONS EXIST. IF THE MAJORITY OF THE WILD OATS HAVE NOT REACHED THE TWO LEAF STAGE IN NINE DAYS, SPRAY BEFORE THE FOURTEENTH* DAY AFTER EMERGENCE.

SPRAY CROPS BEFORE THEY REACH THE FOLLOWING LEAF STAGES, OR BEFORE ELAPSED TIME AFTER CROP EMERGENCE, WHICHEVER COMES FIRST.

WHEAT, BARLEY: FOURTH LEAF OR FOURTEENTH DAY.

FLAX: TWELFTH LEAF OR FOURTEENTH DAY.

PEAS: SIXTH LEAF OR TENTH DAY.

SUGAR BEETS: THIRTIETH DAY.

SAFFLOWER: EIGHTH LEAF.

LENTILS: FOURTH LEAF STAGE OR FOURTEENTH DAY.

MUSTARD: TWO TO THREE LEAF STAGE OR FOURTEENTH DAY.

SOYBEANS: FIRST FULL TRIFOLIATE LEAF OR FOURTEENTH DAY.

SUNFLOWERS: FOURTEENTH DAY

CROP INJURY SHOULD BE EXPECTED IF SPRAYED LATER THAN RECOMMENDED ABOVE.

*THE FOURTEENTH DAY LIMITATION DOES NOT APPLY TO FALL SEEDED WHEAT. IN CALIFORNIA, THE FOURTEEN DAY LIMITATION ON WHEAT, BARLEY AND WILD OATS APPLIES ONLY TO THE NORTHERN THREE COUNTIES.

OPTIMUM RESULTS IN THE CONTROL OF CROP POPULATION IS HEAVY AND VARIETY AND CULTURAL PRACTICES WILL INCREASE.

DO NOT SPRAY BARBAN EC WHEN THE RAIN, RAIN OR DEW FOLLOWING SPRAYING ACTIVITY OF BARBAN EC.

SPRAYING IN WINDS OVER 15 MPH MAY REDUCE WILD OAT CONTROL.

SPRAYING INSTRUCTIONS:

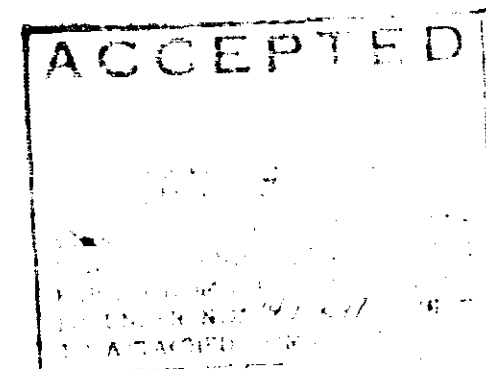
BARBAN EC IS AN EMULSIFIABLE LIQUID HERBICIDE (BARBAN) PER U.S. GALLON. CROPS LISTED BELOW SHOULD BE USED UNDER CONDITIONS SUCH AS WARM WEATHER, AVERAGE SOYBEAN FERTILITY HAVE CAUSED THE WILD OAT PROBLEM LESS THAN TEN DAYS AFTER EMERGENCE. EXTENDED PERIODS OF CONTINUOUS OVERCAST WEATHER.

HIGHER RATES RECOMMENDED MUST BE USED WHEN THERE ARE 150 OR MORE WILD OAT PLANTS PER SECTION. SECTIONS HAVE BEEN POOR DUE TO LACK OF WILD OAT CONTROL. COLD WEATHER, OR WHEN PLANTS HAVE BEEN MIXING WITH OTHER CHEMICALS IS NOT RECOMMENDED.

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| WHEAT | BARLEY |
| PEAS | SAFFLOWER |
| SOYBEANS | SUNFLOWERS |

BE SURE SPRAYER IS IN GOOD OPERATING CONDITION TO APPLY A FIVE U.S. GALLON SPRAY SOLUTION TO WATER. APPLY TWO TO THREE PINTS OF SPRAY SOLUTION PER ACRE. USE AT LEAST 45 POUNDS OF WATER THAT WILL APPLY THE FIVE U.S. GALLONS OF BARBAN EC. THE CONTENTS OF THIS CONTAINER WILL COVER 20 TO 135 ACRES. AGAIN, CAREFULLY READ THIS LABEL ENTITLED "WHEN TO SPRAY". WHEN GROWING CONDITIONS ARE BELOW AVERAGE.

SUGAR BEETS: BE SURE SPRAYER IS IN GOOD OPERATING CONDITION TO APPLY A FIVE U.S. GALLONS OF BARBAN EC TO WATER. APPLY SIX PINTS OF BARBAN EC PER ACRE. USE AT LEAST 45 POUNDS OF WATER THAT WILL APPLY THE FIVE U.S. GALLONS OF BARBAN EC. THE CONTENTS OF THIS CAN WHEN SPRAYED WILL COVER 6.5 TO 5 ACRES SPRAYED OVER. WHEN SPRAYED IN BANDS. AGAIN, CAREFULLY READ LABEL ENTITLED "WHEN TO SPRAY". USE UNDER GROWING CONDITIONS ARE BELOW AVERAGE.



NEC WILD OAT HERBICIDE

FORMULATIONS

| | |
|--------------------|-------------|
| ACTIVE INGREDIENTS | 11.8% |
| INERT INGREDIENTS | 88.2% |
| TOTAL | 100% |

1 GALLON

REG. NO: 2749-247

CONTENTS: 5 GALS.

KEEP FROM CHILDREN.

IT IS A SKIN IRRITANT AND SENSITIZER
IF ON SKIN. IN CASE OF SKIN CONTACT,
WASH THOROUGHLY AFTER
REMOVAL OF WATER. GET MEDICAL ATTEN-

FOODSTUFFS.

KEEP OUT OF LAKES, STREAMS OR PONDS
CONDITIONS FAVOR DRIFT FROM AREAS
NEARBY BY CLEANING OF EQUIPMENT OR

READ THIS LABEL.

DESTROY BY BURYING IN A SAFE PLACE

WASH, CLEAN AND CALIBRATE THE FARM
EQUIPMENT SOLUTION PER ACRE.

USE THE FOLLOWING FAN TYPE NOZZLES
1/2 INCHES ON THE BOOM: MONARCH 20
730067 AND 730077 THE SPRAYER SHOULD
OPERATE AT 15 POUNDS PRESSURE AND AT A SPEED
OF 100 GALLONS OF SPRAY SOLUTION PER ACRE.

USE ONLY NOZZLES OR BOOMLESS SPRAYERS

FOR MIXING AND CLEANING OF THE SPRAY

ONLY BY EXPERIENCED AND QUALIFIED AERIAL

OPERATORS IN OPEN FIELDS, PARTICULARLY IF PLANT

DO NOT SPRAY AFTER THIRD LEAF OF WILD OAT FIRST APPEARS.

DO NOT SPRAY CROPS LATER THAN RECOMMENDED UNDER "WHEN TO SPRAY".

DO NOT ALLOW LIVESTOCK TO GRAZE ON FIELDS SPRAYED WITH BARBAN
UNTIL AFTER HARVEST OF THE CROP.

DO NOT FEED FLAX STRAW OR THE LOWER THREE INCHES (STUBBLE) OF PEA
VINES TO LIVESTOCK.

DO NOT FEED TREATED SOYBEAN FORAGE OR PODS TO LIVESTOCK.

STORE ANY UNUSED MATERIAL IN ORIGINAL CONTAINER.

WHEN TO SPRAY:

BARBAN EC MUST BE APPLIED WHEN THE MAJORITY OF THE WILD OATS ARE
IN THE TWO LEAF STAGE AND THE CROP IS IN THE PROPER STAGE OF GROWTH.

WILD OATS: THE TWO-LEAF STAGE IS FROM THE TIME THE SECOND LEAF FIRST
APPEARS UNTIL THE THIRD LEAF FIRST APPEARS. EXAMINE THE FIELD DAILY.
THE SECOND LEAF MAY APPEAR FOUR DAYS AFTER EMERGENCE. THE THIRD
LEAF MAY APPEAR WITHIN NINE DAYS AFTER EMERGENCE. (SEE EXCEPTION
BELOW). WHEN COUNTING THE NUMBER OF WILD OAT LEAVES TO DETERMINE
THE STAGE THAT THE PLANT IS IN THE PROPER STAGE FOR TREATMENT, COUNT THE
FIRST LEAF EVEN THOUGH IT HAS BEEN DAMAGED BY WIND OR FROST. THE
RESULTING CONTROL WILL BE LESS THAN NORMAL DUE TO THE LOSS OF THIS
FIRST LEAF. EARLIER OR LATER APPLICATION WILL RESULT IN LESS WILD
OAT CONTROL.

EXCEPTION: WILD OAT GROWTH WILL BE RETARDED WHEN COLD DRY OR LOW
FERTILITY CONDITIONS EXIST. IF THE MAJORITY OF THE WILD OATS HAVE
NOT REACHED THE TWO LEAF STAGE IN NINE DAYS, SPRAY BEFORE THE
FOURTEENTH* DAY AFTER EMERGENCE.

SPRAY CROPS BEFORE THEY REACH THE FOLLOWING LEAF STAGES, OR
BEFORE ELAPSED TIME AFTER CROP EMERGENCE, WHICHEVER COMES FIRST.

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CROP INJURY SHOULD BE EXPECTED IF SPRAYED LATER THAN RECOMMENDED
ABOVE.

*THE FOURTEENTH DAY LIMITATION DOES NOT APPLY TO FALL-SEEDED
WHEAT. IN CALIFORNIA, THE FOURTEEN DAY LIMITATION ON WHEAT, BARLEY
AND WILD OATS APPLIES ONLY TO THE NORTHERN THREE COUNTIES.

OPTIMUM RESULTS IN THE CONTROL OF WILD OATS WILL OCCUR WHEN THE
CROP POPULATION IS HEAVY AND VIGOROUS. GOOD FERTILITY, MOISTURE,
AND CULTURAL PRACTICES WILL INCREASE WILD OAT CONTROL.

DO NOT SPRAY BARBAN EC WHEN THE PLANTS ARE WET WITH HEAVY DEW OR
RAIN. RAIN OR DEW FOLLOWING SPRAY OPERATIONS WILL NOT REDUCE THE
ACTIVITY OF BARBAN EC.

SPRAYING IN WINDS OVER 15 MPH MAY RESULT IN CROP INJURY AND LESS
WILD OAT CONTROL.

SPRAYING INSTRUCTIONS:

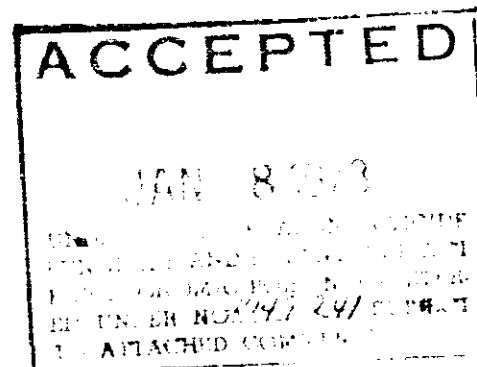
BARBAN EC IS AN EMULSIFIABLE LIQUID CONTAINING ONE POUND ACTIVE
HERBICIDE (BARBAN) PER U.S. GALLON. THE LOWER RATE FOR THE VARIOUS
CROPS LISTED BELOW SHOULD BE USED ONLY WHEN GOOD GROWING CONDI-
TIONS SUCH AS WARM WEATHER, AVERAGE OR BETTER MOISTURE, AND GOOD
FERTILITY HAVE CAUSED THE WILD OATS TO REACH THE TWO LEAF STAGE IN
LESS THAN TEN DAYS AFTER EMERGENCE; OR IMMEDIATELY FOLLOWING
EXTENDED PERIODS OF CONTINUOUS OVERCAST.

HIGHER RATES RECOMMENDED MUST BE USED ON VERY HEAVY INFESTATIONS
(150 OR MORE WILD OAT PLANTS PER SQUARE FOOT); WHEN GROWING CONDI-
TIONS HAVE BEEN POOR DUE TO LACK OF MOISTURE; POOR GERMINATION OR
COLD WEATHER; OR WHEN PLANTS HAVE BEEN INJURED BY FROST OR WIND
MIXING WITH OTHER CHEMICALS IS NOT RECOMMENDED.

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| WHEAT | BARLEY | FLAX |
| PEAS | SAFFLOWER | LENTILS |
| SOYBEANS | SUNFLOWERS | MUSTARD |
| | | (GROWN FOR OIL) |

BE SURE SPRAYER IS IN GOOD OPERATING CONDITION. USE SUFFICIENT WATER
TO APPLY A FIVE U.S. GALLON SPRAY SOLUTION PER ACRE. ADD BARBAN EC
TO WATER. APPLY TWO TO THREE PINTS OF BARBAN EC (4-6 OZS. OF BARBAN)
PER ACRE. USE AT LEAST 45 POUNDS OF PRESSURE AND DRIVE AT A SPEED
THAT WILL APPLY THE FIVE U.S. GALLONS OF SPRAY SOLUTION TO ONE ACRE.
THE CONTENTS OF THIS CONTAINER WHEN PROPERLY MIXED AND APPLIED
WILL COVER 20 TO 135 ACRES. AGAIN CAREFULLY READ THE PARAGRAPH ON
THIS LABEL ENTITLED "WHEN TO SPRAY". USE THE HIGHER RATE WHEN
GROWING CONDITIONS ARE BELOW AVERAGE.

SUGAR BEETS: BE SURE SPRAYER IS IN GOOD OPERATING CONDITION. USE
SUFFICIENT WATER TO APPLY A FIVE U.S. GALLON SPRAY SOLUTION PER ACRE.
ADD BARBAN EC TO WATER. APPLY SIX TO EIGHT PINTS OF BARBAN (12-16 OZS.
OF BARBAN) PER ACRE. USE AT LEAST 45 POUNDS OF PRESSURE AND DRIVE AT
A SPEED THAT WILL APPLY THE FIVE U.S. GALLONS SPRAY SOLUTION TO ONE
ACRE. THE CONTENTS OF THIS CAN WHEN PROPERLY MIXED AND APPLIED WILL
COVER 6.5 TO 5 ACRES SPRAYED OVER ALL OR PROPORTIONATELY MORE
WHEN SPRAYED IN BANDS. AGAIN, CAREFULLY READ THE PARAGRAPH ON THIS
LABEL ENTITLED "WHEN TO SPRAY". USE HIGHER RATE WHEN GROWING CON-
DITIONS ARE BELOW AVERAGE.



Manufactured for
ACETO CHEMICAL CO., INC.
AGRICULTURAL CHEMICALS DIV.

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