

STATEMENTS
ANS
 In case of contact
 of water. Get medical
ARDS
 streams. Do not con-
 or disposal of wastes.

GENERAL
 mixture or rinsate
 instructions must be
 or local procedures
 recovery Act.
 MALEIC HYDRAZIDE is
 following applications all
 sed with water.
WASHING — The active
 IDE will separate from
 F. If containers are
 nts can be remixed by
 mulation below 134° F.
 ir well before use.
 equivalent) and offer
 e of in a sanitary landfill
 and local authorities

plants have been grown under
 and more, absorption of BAIRD'S
 HYDRAZIDE will be slow and
 ay not be as good as plants
 under normal conditions
 BAIRD'S MALEIC HYDRAZIDE
 in less than desired control, too
 reduces quality of tops
 one application of BAIRD'S
 HYDRAZIDE per season
 at least 7 days after application
 harvest
 wash off occur within 6 hours. A
 reat application may be made
 ough BAIRD'S MALEIC HYDRA-
 non-volatile no drift should be per-
 to nearby crops. Particular care
 be taken to prevent drift when aerial
 ons are being made
 potatoes at least 24 hours before a
 n occurring within 24 hours after
 on will reduce effectiveness
 a 2-week interval should be allowed
 BAIRD'S MALEIC HYDRAZIDE
 tion to potatoes and the use of a
 al injury to the terminal growth of
 age has been observed following
 ocation of BAIRD'S MALEIC
 AZIDE. However, trials and usage
 that this does not adversely affect
 for the quality of the potato tubers
 est if the chemical is applied
 to label recommendations

Baird's Maleic Hydrazide

**GROWTH RETARDANT
 CONTROLS TOBACCO SUCKER GROWTH
 PREVENTS SPROUTING OF POTATOES AND ONIONS**

COMPOSITION

Active Ingredient (Percent by weight)	
Potassium salt of 1,2-dihydro-3,6-pyridazinedione	21.7%
Inert Ingredients	78.3%
TOTAL	100.0%

(One gallon contains 1.5 pounds as maleic hydrazide)
 U.S. Patent No. 3,503,729

ACCEPTED

APR 28 1981

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under
 EPA Reg. No. 551-253

**KEEP OUT OF REACH OF CHILDREN.
 CAUTION!
 FOR PRECAUTIONARY STATEMENTS —
 SEE LEFT PANEL**

EPA REG. NO. 551-253
 EPA Est. 551-MA-1

NET CONTENTS:

DIRECTIONS FOR USE

to prevent sucker development on the purple
 burley, dark fig, Maryland and cigar (Pennsyl-
 vania and Wisconsin) tobacco.
 BAIRD'S MALEIC HYDRAZIDE is a slow-act-
 ing growth retardant used to prevent
 sucker development in tobacco. Since
 BAIRD'S MALEIC HYDRAZIDE is absorbed
 and moves inside the tobacco plant, spraying
 the whole plant is not necessary. Best results
 are obtained by spraying the top 1/3 to 1/2 of
 the plant. It is very important to apply equal
 amounts of BAIRD'S MALEIC HYDRAZIDE to
 each plant at the correct time to obtain a suc-
 ccessful sucker control.
 Under favorable conditions, BAIRD'S MALEIC
 HYDRAZIDE is absorbed by tobacco suckers in a manner
 similar to contact agents through systemic
 action.

WHEN TO SPRAY

- For flue cured, burley, dark fig and Maryland tobacco.**
- If all plants flower at about the same time, proceed as follows: As soon as the plants are in FULL FLOWER, top pull all suckers from early maturing plants and spray BAIRD'S MALEIC HYDRAZIDE uniformly onto the entire field within 24 hours after topping (See notes 1-13)
 - If there is a wide range in the time of flowering, the following procedure should be used:
 - Go through the field and top the few early-flowering plants
 - Wait until the remaining plants are in FULL FLOWER, top them, remove all suckers from the entire field, and apply BAIRD'S MALEIC HYDRAZIDE within 24 hours after topping (See notes 1-13). Top leaves to be harvested should be at least 6 to 8 inches long at time of spraying
- For Pennsylvania cigar tobacco.**
- If your field flowers uniformly:
 - Top when about 1/4 to 1/2 of your plants show one or more open flowers on each head
 - Wait three days after topping
 - Spray BAIRD'S MALEIC HYDRAZIDE. For best results BAIRD'S MALEIC HYDRAZIDE should be sprayed on dry or nearly dry leaves. Avoid spraying on leaves covered with dew
 - If your field does not flower uniformly:
 - When flowering in your field is particularly uneven, you should top when about 50 to 60 percent of the plants show one or more open flowers per head
 - Wait three days after topping and remove by hand any suckers more than two inches long
 - Spray BAIRD'S MALEIC HYDRAZIDE over the entire field
- For Wisconsin cigar tobacco.**
- Top the field when most of the plants in your field are in full flower
 - Remove by hand any suckers larger than one or two inches
 - Spray within 24 hours after topping and removal of suckers

HOW TO SPRAY

BAIRD'S MALEIC HYDRAZIDE may be applied with either a conventionally-drawn insecticide sprayer, or with a compressed air shoulder sprayer.

- Conventionally-drawn insecticide sprayers. Any number of nozzles may be used. (See Note 6.) Can be applied in the same manner as insecticide, spraying one or more rows at a time, working upper 1/3 to 1/2 of plant.
- Compressed air shoulder sprayer with single nozzle spraying a wide cone. Spray one side of each tobacco row while walking at a constant rate. Use up and down motion of spray nozzle to maintain upper 1/3 to 1/2 of leaves of each plant. Apply equal amounts of spray to each plant.

AMOUNT TO SPRAY

Apply the indicated amounts of BAIRD'S MALEIC HYDRAZIDE in 20 to 50 gallons of water per acre, do not use less than 20 gallons of water per acre.

For flue cured, burley, cigar (Pennsylvania, Wisconsin) and Maryland tobacco: apply 1.5 to 2 pints of BAIRD'S MALEIC HYDRAZIDE per 1000 plants. Example: use 1.5 to 2 gallons BAIRD'S MALEIC HYDRAZIDE for 8000 plants per acre.

For dark tobacco: Apply 3.0 pints of BAIRD'S MALEIC HYDRAZIDE per 1000 plants. Example: use 3.0 gallons BAIRD'S MALEIC HYDRAZIDE for 8000 plants per acre.

TO CONTROL SPROUTING OF POTATOES IN STORAGE

Apply 2 gallons of BAIRD'S MALEIC HYDRAZIDE in 30-150 gallons of water per acre by ground equipment or at 5-10 gallons per acre by aerial equipment (See note 13).

Check your field to see if you have a good set of potatoes. BAIRD'S MALEIC HYDRAZIDE is applied when most of the tubers set are about 1/2 to 1 inch in diameter. This occurs when the lower leaves show a yellow color in areas where potatoes flower uniformly. This is one week after blossoms fall off the vine usually in August about 6 to 6 weeks before harvest (See notes 5, 14 and 15).

BAIRD'S MALEIC HYDRAZIDE provides season-long inhibition of sprouting of the treated potatoes when stored under acceptable practices.

TO CONTROL SPROUTING OF ONIONS IN STORAGE

Apply 1-1/3 gallons BAIRD'S MALEIC HYDRAZIDE in 40-50 gallons of water per acre with a ground sprayer. Aerial application can also be made. The spray should be applied when the bulbs are fully mature, have five to eight green leaves, and necks soft enough for the tops to fall if they have not already done so. The spray is often applied when 50 percent of the tops have fallen but all tops are still green. This condition usually occurs about two weeks to 10 days before harvest time. Green tops are essential for the absorption of BAIRD'S MALEIC HYDRAZIDE.

NOTE: ALWAYS SHAKE OR STIR WELL BEFORE USE

IMPORTANT NOTICE — Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use. But neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

16A

ATRA-MIX applied postemergence to weeds produces satisfactory control of seedling broadleaf weeds up to 4 inches high and of annual grasses up to 1 inch high (1 to 2 leaf stage).

Soil Type	Rate per acre of ATRA-MIX
Light and Sandy (see note below)	3 3/4 pints
Loams and Clays	5 pints
Muck, Peat and High Organic Clays	7-1/2 pints

NOTE

The rates for Loams and Clays should be used on Light and Sandy Soils where annual grass weeds predominate or where an unusually heavy infestation of broadleaf weeds is expected. Where annual grasses are known to be a severe problem, ATRA-MIX should be supplemented by pre-plant incorporated or pre-emergence herbicides specific for the control of annual grasses.

For band applications use proportionately less ATRA-MIX and water per crop acre.

Quack Grass Control

Split Application: Apply 5 pints of ATRA-MIX in 40 gallons of water in early fall or early spring to emerged grass. Plough one to three weeks later. Repeat the application as an early postemergence spray to corn and emerged quack grass.

Single Application: Apply 10 pints of ATRA-MIX in 40 gallons of water in early fall or early spring to emerged grass and plough one to three weeks later.

Northern Nutsedge or Yellow Nutsedge (Cyperus esculentus): Apply 10 pints of ATRA-MIX in 40 gallons of water per acre before nutsedge is more than 1 inches high. Cultivate within 10 to 14 days.

PRECAUTIONS:

1) Do not apply more than 10 pints per acre of ATRA-MIX to corn in any one year. 2) Land treated with ATRA-MIX should not be planted to any crop except corn until the following year or injury may occur. 3) Following harvest of a treated crop plow (moldboard or disc plow) and thoroughly till the soil in fall or spring to minimize possible injury to rotational spring seeded crops, regardless of the rate used. 4) If ATRA-MIX is applied after June 10, do not rotate with crops other than corn or sorghum the next year or injury may occur. 5) If ATRA-MIX is used at a broadcast rate higher than 7 pints per acre (or comparable rates in a band application), a crop of untreated corn or sorghum should precede the next rotational crop. 6) In the High Plains and Intermountain areas of the West where rainfall is sparse and erratic or where irrigation is required, use ATRA-MIX to control weeds in corn only when corn is to follow corn or a crop of untreated corn or sorghum is to precede other rotational crops. 7) In Western Minnesota and eastern parts of the Dakotas, Nebraska and Kansas, corn treated with ATRA-MIX should not be followed with soybeans if the broadcast rate applied was more than 5 pints per acre (or comparable rate in a band) or injury may occur. 8) Do not plant sugar beets, tobacco, vegetables (including dry beans), spring-seeded small grains, or smallseeded legumes and grasses the year following ATRA-MIX application or injury may occur. 9) Do not graze treated area or feed treated forage to livestock for 21 days following application.

STORAGE AND DISPOSAL

Storage: Store away from water, food and feed.

Disposal: Do not re-use empty container. Do not contaminate water, food or feed by disposal. Open dumping is prohibited. Triple rinse empty container and dump rinsate into sprayer. Dispose of empty container in an incinerator or landfill approved for pesticide containers or crush and bury in a safe place.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and subject thereto the buyer assumes the risk to persons or property arising from the use or handling of this product, and accepts the product on that condition.

ACCEPTED

APR 17 1981

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 8203-25



NET CONTENTS 5 gallons

ATRA-MIX
FLOWABLE HERBICIDE

For
Postemergence Weed Control
in Corn

ACTIVE INGREDIENTS:

atrazine: 2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine 38.65

INERT INGREDIENTS: 61.35

TOTAL 100.00

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel for additional precautionary statements.

EPA Est 8203-CN-1

EPA Reg No 8203-25-44742

*ATRA-MIX is a trade mark of Chipman Inc., Canada

CHIPMAN CHEMICALS INC.

800 Marlon St.
River Rouge, MI 48218

