

ATRAZINE 50SC

HERBICIDE

Reg. No.: 19-C-7-99

A Pre-emergent and Post-emergent Selective Herbicide for the control of many Broadleaf Weeds and some Grasses, in Maize, Sorghum and Sugarcane.

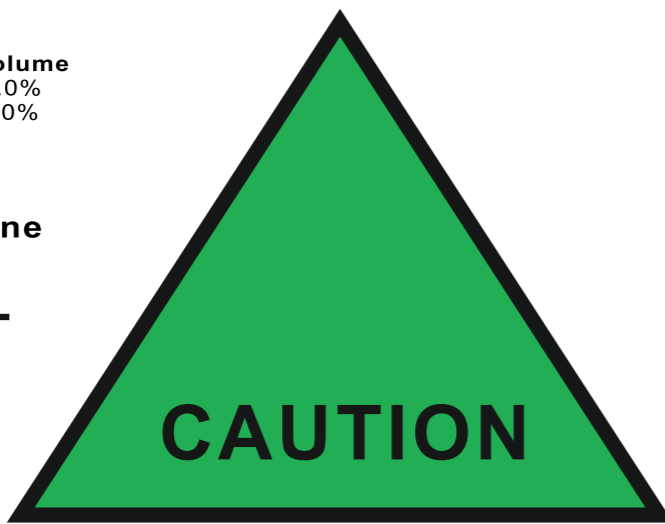
Composition	Mass/volume
Atrazine.....	50.0%
Inert ingredients.....	50.0%

Group: Triazine

20 Litres NET

KEEP OUT OF REACH OF CHILDREN

Supplied by Maguires-



HARMFUL IF SWALLOWED

TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE.

Manufactured by:

NOVA AGRO (HK) LTD.
6TH FLOOR WYNDHAM PLACE
44 WYNDHAM STREET
CENTRAL HONG KONG

Registration held by:

MAGCHEM (PVT) LIMITED
2274 TILBURY ROAD,
WORKINGTON,
HARARE, ZIMBABWE

DIRECTIONS FOR USE:

Shake well before use, replace cap after pouring.

Maize:

Atrazine 50 SC should be applied either before or after the crop has emerged.

Sorghum:

Atrazine 50 SC should be applied after emergence of the crop. Crop safety is reduced if it is applied before emergence. Plant the sorghum to a depth of at least 50mm.

Sugarcane:

(i) Plant cane. Atrazine 50SC should be applied after planting and either before or after the crop has emerged.

(ii) Ratoon cane. Atrazine 50SC should be applied either before or after the new growth has commenced.

Weeds: Most grasses and broadleaf weeds are controlled. Shamva grass, couch and witchweed are not controlled. Nutgrass or watergrass is not normally controlled and, if conditions are not ideal at the time of and shortly after application, certain species of the following genera of grasses may not be controlled:

Panicum, Urochloa, Digitaria, Chloris, Brachiaria and Dactyloctenium. Atrazine 50SC is preferably applied before the weeds emerge but may be applied early post-emergence provided all weeds are smaller than the 2-3 leaf stage (35mm in height).

Important weeds controlled by Atrazine 50SC

<i>Amarantus</i> spp.	Pigweed
<i>Bidens pilosa</i>	Blackjack
<i>Datura stramonium</i>	Stinkblaar
<i>Nicandra physaloides</i>	Apple of Peru
<i>Portulaca oleracea</i>	Purslane
<i>Richardia</i> spp.	Mexican clover
<i>Tagetes minuta</i>	Mexican Marigold
<i>Eleusine indica</i>	Rapoko Grass
<i>Volunteer cer</i>	

Applications Rates (ATRAZINE 50SC)

% CLAY CONTENT OF SOIL	MAIZE AND SUGARCANE	SORGHUM	REMARKS
20	3,6t/ha	Do not use	In maize: Use slightly higher than recommended rates on soils high in organic matter or if weeds have emerged.
20%			
21-30	3,6t/ha	Do not use	In sorghum: Lower dosage rates are recommended than for maize due to limited experience on safe levels.
21%-30%			
31-40	4,5t/ha	3,6t/ha	
31%-40%			
>40	5,6t/ha	4,5t/ha	
>40%			

If a band spray covering the total ground area is applied, then above dosage rated are halved.

Soil and Rainfall: Atrazine 50SC is applied after planting maize and after emergence of sorghum. Atrazine 50SC will give best results when applied to a moist, weed-free soil. The soil should have a smooth, firm surface, free from large clods. Where necessary a light cultivation prior to application is recommended to ensure a weed-free soil without a crust.

It is essential for at least 20mm rain to fall within a few days after spraying to ensure good results. Do not use in areas where the average rainfall is less than 400mm per year. If dry weather follows spraying, cultivate lightly as soon as possible by means of a millipede so that Atrazine 50SC is mixed into the top 25mm of soil. Avoid any subsequent deep cultivation whilst the herbicide remains effective (unless it is to break the soil crust, in which case use a millipede). Do not apply to dry planted maize at planting time but delay treatment until good soaking rain has fallen. For use of Atrazine 50SC on the maize grown under minimum tillage techniques – consult your Nova Agro Zimbabwe agronomist.

Application: Ground Equipment: Atrazine 50SC can be applied by the conventional boom and nozzle sprayer fitted with efficient agitation. Overall spraying is best carried out with 200-400 liters of water per hectare. Use proportionately lower quantities for band application.

Aerial Application of herbicide: Atrazine 50SC may be applied by air provided that the weather conditions are such that a good uniform coverage is achieved and total recovery rates are the same as the recommended dosage rates. The Aerial Operator should be consulted in this regard at the time of operation. It is furthermore recommended that those guidelines for Aerial Application be adhered to.

Batch No.: 20220513 Date of Mfg.: 13 MAY 2022 Date of Exp.: 13 MAY 2025

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WARNINGS

1. Certain inbred lines of maize may be susceptible to Atrazine 50SC.
2. Do not plant any crop other than maize or sorghum on lands sprayed with Atrazine 50SC during the previous 12 months as severe damage may result.
3. Should a crop other than maize or sorghum be planted after a period of 12 months on land previously treated with Atrazine 50SC, thorough ploughing and cultivation should precede such planting.
4. Do not plant legumes on sandy or gravelly soils which were treated during the previous 18 months with Atrazine 50SC.
5. Ensure that sufficient fertilizer is applied at planting time to promote vigorous seedling growth. In soils of low fertility band application of the fertilizer is essential.
6. Do not allow the liquid spray or spray drift to get onto other crops or soil.
7. Do not contaminate water supplies.
8. After use, wash our sprayer thoroughly until clean and dispose washings in safe place, e.g. waste ground.

COMPATIBILITY WITH OTHER PRODUCTS

The manufacturers stress that it is preferable to use this products on its own; furthermore, the quality of water in a mixture may adversely affect its compatibility. The suggestions below are therefore guidelines only, and all responsibility is disclaimed for lack of effectiveness, damage or loss of any kind from mixing this product with another. The manufacturers strongly recommend a trial mixture be taken with water for use in the main mixture.

Ground Spraying: Subject to the above, this product may normally be mixed at those water concentrations common in the use of ground spraying equipment with any ONE of the following: Alachlor EC, (This product should be added to the mixture first), Endosulfan 35EC (This products should be added to the mixture first), Endosulfan 50WP, Carbaryl 85WP, Lambda-cyhalothrin 5EC.

Aerial Spraying: At water concentrations common in the use of aerial spraying equipment, even greater caution is recommended and a trial mixture should always be taken. Subject thereto, this product may be mixed with ONE of those listed above.

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PRECAUTIONS:

1. Handle with care, avoid splashing and contact.
2. Poisonous by swallowing, inhalation and contact with the skin.
3. WEAR PROTECTIVE CLOTHING, i.e. rubber gloves, rubber boots and overalls.
4. On completion of spraying, wash hands and face thoroughly with soap and water.
5. Dispose of water in a safe manner.
6. KEEP APART FROM FROOD AND FOODSTUFFS.
7. Do not eat, drink or smoke while applying this herbicide.
8. KEEP OUT OF REACH OF CHILDREN.
9. DANGEROUS TO WILD ANIMALS, BIRDS, FISH AND BEES.
10. DO NOT CONTAMINATE DRINKING POOLS, DAMS, RIVERS, AND WATERWAYS AND OTHER WATER SUPPLIES.
11. Store in original container and KEEP UNDER LOCK AND KEY.
12. Destroy empty container – DO NOT use for any other purpose.
13. Clean applicator thoroughly after use.

SYMPTOMS OF POISONING:

May cause mild irritation to skin, eyes or mucous membranes. Treat symptomatically.

FIRST AID:

Should accidental poisoning occur, call a doctor and show him this label. In case of contact, wash contaminated skin and hair immediately with soap and water, flush eyes immediately with copious amounts of water.

NOTE TO PHYSICIAN:

In case of accidental ingestion: lavage stomach with isotonic saline solution or 5% sodium bicarbonate; instill 30g of activated charcoal in 100 ml of water, sodium sulphate or magnesium sulphate (0,25g/kg) may be used as a cathartic; do not administer fats, oil laxatives or milk products.

WARRANTY:

The excellent results which this chemical should normally yield are not however warranted or guaranteed, as effectiveness can be greatly influenced by factors outside the control of either the manufacturers or the suppliers. No warranty whatsoever, expressed or implied, is therefore given concerning the performance or effectiveness of this chemical and the responsibility is specifically excluded for any damage, injury or loss of any kind during or resulting from its handling, use or storage whether or not such has been in accordance with directions. This product is warranted to consist of the ingredients shown on the label.

