

JM-ZIPPER-LEAFLET-20170331

SIZE: 180(W)X150(H)MM PJMZ03M010170331

**EMPTY CONTAINERS NEED TO BE WASHED THREE TIMES;
WATER RESULTING FROM THE TRIPLE RINSE MUST BE ADDED TO
THE SPRAYING TANK.**

**USING THE EMPTY PACKING AND CONTAINERS FOR DIFFERENT
USE AS INTENDED, REPRESENTS A RISK TO HUMANS AND THE
ENVIRONMENT.**

GUARANTEE NOTE

The manufacturer and registration owner guarantees the quality of the product in the original and sealed hermetic container. It also guarantees the efficacy of the product, if it is used as indicated in the pamphlet. Since the storage and handling is out of its control it is impossible to assume the responsibility of damage resulting from such factors. We also guarantee the chemical composition of the product as indicated in the label, when the bottle is originally sealed.

FORMULATOR:

JIANGSU ROTAM CHEMISTRY, CO., LTD. CHINA.
N° 88 Rotam Road, ETDZ, Kunshan 215301, Jiangsu.
TEL: 0512 – 5771 – 1988 FAX: 0512 – 5771 – 8697

IMPORTER: DISTRIBUTOR:

COUNTRY	REGISTRATION NUMBER	DATE OF REGISTRATION
JAMAICA	MHPH/012/16	2016-09-08

**¡STOP! READ THE PAMPHLET BEFORE USING THE PRODUCT AND
CONSULT A PROFESSIONAL IN AGRICULTURAL SCIENCES**

ZIPPER® 20 SL

HERBICIDE- GLUFOSINATE AMMONIUM

CAUTION

**ANTIDOTE: NO KNOWN ANTIDOTE
DENSITY: 1.099 g/ml a 20 °C**

**THIS PRODUCT MAY BE FATAL IF SWALLOWED AND/OR INHALED,
IT MAY CAUSE DAMAGE TO EYES AND SKIN BY EXPOSURE**

**DO NOT STORE IN HOMES
KEEP AWAY FORM CHILDREN, MENTALLY ILL PERSONS,
DOMESTIC ANIMALS, FOOD AND MEDICINE**



AGRONOMIC USES:

MODE OF ACTION:

ZIPPER® 20 SL is a nonselective contact herbicide having translaminar action, penetrate weed leaves. It interferes in the action of glutamine synthetase enzyme which catalyzes the synthesis of amino acid glutamine. It also increases abnormally ammonia levels and the cells die intoxicated; photosynthesis transforms and weeds die. It is used as a post emergent to control broadleaf weeds, grasses and sedges, as it is not absorbed by the roots of weeds.

APPLICATION EQUIPMENT:

ZIPPER® 20 SL can be applied with standard ground or aerial spraying equipment, at water volumes between 200 and 300 L/Ha (ground) and 80 to 100 L/Ha by air. Use flat cone spray tips, indicated for the application of herbicides, producing fine drops and good coverage. Personnel manipulating this product should use complete personal protection equipment: overalls, rubber boots, face mask, gloves. Before loading the equipment, make sure it is in good working condition, without leaks, and well calibrated. This product does not affect the spraying equipment.



PREPARING THE SPRAY MIXTURE:

It is recommended to prepare a pre-mix of the dosage to be used and water, after that, fill the spray tank to ½ the volume of the required water, start stirring, add the pre-mix to the tank and while stirring add the rest of the water up to the required volume. Use complete personal protection equipment to prepare the spray mix. The used equipment need to be washed carefully after preparing and applying the product.



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RECOMMENDATIONS FOR USE:

WEEDS CONTROLLED	
Amanant (<i>Amaranthus</i> spp.)	Goosegrass (<i>Eleusine indica</i>)
Carpet weed (<i>Axonopus compressus</i>)	Crabgrass (<i>Digitaria sanguinalis</i>)
Anguria (<i>Anguria</i> spp.)	Purslane (<i>Portulaca</i> spp.)
Senna (<i>Cassia tora</i>)	Pigweed (<i>Echinochloa colonum</i>)
Spiderling (<i>Boerhaavia</i> spp.)	Sprangle top (<i>Leptochloa</i> spp.)
Bermuda grass (<i>Cynodon dactylon</i>)	Johnson grass (<i>Sorghum halapense</i>)
Dayflower (<i>Commelina diffusa</i>)	Beggar ticks (<i>Bidens pilosa</i>)
Eclipta (<i>Eclipta alba</i>)	Guineagrass (<i>Panicum maximum</i>)
Spurgle (<i>Euphorbia</i> spp.)	Paspalum (<i>Paspalum paniculatum</i>)
Beggar weed (<i>Desmodium tortuosum</i>)	Paspalum (<i>Paspalum conjugatum</i>)
Nutsedge (<i>Cyperus rotundus</i>)	Itchgrass (<i>Rottboellia conchinchinensis</i>)
Cutgrass (<i>Cyperus</i> spp.)	Morning glory (<i>Ipomoea</i> spp.)

CROP	RATES L/ha
Maize (<i>Zea mays</i>)	1.2 - 1.8
Banana (<i>Musa</i> spp.)	1.0 - 1.4

SPRAY INTERVAL:

Maize:

- 1st spray after planting.
- 2nd spray 24 to 45 days after 1st spray.
- 3rd spray at silking

Banana: Depends on size of weeds, no more than 20-35 cm high.

PRE-HARVEST INTERVAL (PHI)

15 days for all crops.

RE-ENTRY INTERVAL:

Enter to the applied areas 12 hours after application. If there is need to re-enter field within 12 hours, enter with complete personal protective equipment.

PHYTOTOXICITY:

The product is not phytotoxic to the crops when used at recommended rates.

COMPATIBILITY:

The product is compatible with a wide variety of herbicides used in post emergence like propanil, 2,4 D and others.

PRECAUTIONS AND INSTRUCTIONS OF USE STORAGE AND TRANSPORT

1. Applicators using **ZIPPER® 20 SL** must wear complete personal protective equipment such as: goggles, face masks, gloves and rubber boots.
2. **ZIPPER® 20 SL** must not be transported or stored next to food products, forages or medicines, for human and animals use.
3. Store under lock in a dry, fresh and ventilated place.
4. Wash with abundant water and soap after manipulating the product, especially before consuming food, drink or smoke.
5. Maintain away from heat and in its original, well-sealed container, and appropriately labeled.

**DO NOT STORE IN HOMES
STORE AWAY FROM CHILDREN, MENTALLY ILL PERSONS,
DOMESTIC ANIMALS, FOOD AND MEDICINE**



**DO NOT EAT, SMOKE OR DRINK DURING THE HANDLING AND
APPLICATION OF THIS PRODUCT, TAKE A SHOWER AFTER WORK
AND PUT ON CLEAN CLOTHES.**



**IN CASE OF INTOXICATION TAKE THE PATIENT TO A DOCTOR AND
COPY OF THE LABEL OR LEAFLET.**

SYMPTOMS OF INTOXICATION:

Symptoms of acute intoxication include chills, cramps, stomach discomfort, hyperemia, dyspnea, bradycardia/ tachycardia, convulsions, respiratory depression.

FIRST AID

INGESTION: Do not induce vomiting because pulmonary aspiration might occur. Immediately call a doctor or the National Center for intoxications.

CONTACT WITH SKIN: Remove all the contaminated clothing and wash carefully with water and soap for 15 minutes.

INHALATION: Remove the patient from the contaminated area and expose him to fresh air. Maintain in rest and check his respiration.

CONTACT WITH EYES: Open the eye lids and wash with abundant clean water for 15 minutes, consult with a doctor.

**NEVER GIVE DRINK OR INDUCE VOMITING
TO A PERSON WHICH IS NOT CONSCIOUS**

ANTIDOTE AND MEDICAL TREATMENT:

There is no specific antidote, treat the patient symptomatically.

COUNTRY

INSTITUTE

TELEPHONE

JAMAICA

POISON CONTROL CENTER CARPIN

1-888-764-7667
or 188-POISONS

NORMS TO PROTECT THE ENVIRONMENT

TOXIC TO FISH AND CRUSTACEAE



**DO NOT USE AT A DISTANCE LESS THAN 100 METERS AWAY FROM ANY
WATER BODIES.**

**DO NOT CONTAMINATE RIVERS, LAKES, PONDS OR GROUND WATER
WITH THIS PRODUCT OR WITH CONTAINERS AND BOTTLES**

MANAGEMENT OF BOTTLES, PACKING, RESIDUES AND REMANENTS

In case of liquid spillage or residues of pesticides absorb with sand, wood chips or any absorbent material, for solids remove as much as possible, place the residues in a hermetic container and take to the distributor or eliminate them in a land fill authorized.

Use the entire content of the bottles and when empty wash and triple rinse with clean water, adding the solution to the spray tank, destroy or puncture the empty containers. If the country has an official program for collection and empty container disposal, residues, remnants or product expired take these to the closest collecting center or dispose according to the instructions of the distributor of the product.