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

DIRECTIONS FOR USE:
GLYPHOSATE AS A HERBICIDE:
APPLICATION SITUATIONS:
GLYPHOSATE has no effect on or through the brown bark of main stems and therefore in addition to non crop usage (e.g. fence lines Lantana control) and industrial usage it may be used in orchard crops such as: CITRUS, COFFEE, VINES, APPLES, PEARS and EUCALYPTUS, and post harvest or before planting arable crops.

RATES:

A) WEED SUPPRESSION:
GLYPHOSATE can be applied to mature weeds at reduced rates ranging from 0,4-0,6 litres/ha to stop weed growth. The period of weed suppression will depend on the rate used. On average this can range from 2-3 weeks. The duration of growth suppression can be extended by further sprays. These must take place before excessive foliar growth occurs and seed heads start forming.

B) WEED CONTROL:
The low initial rate controls immature weeds in the vegetative state. Germination and establishment of the subsequent population takes 6-14 weeks depending on rainfall and/or irrigation. Mature weeds treated at the lower rates will be suppressed long enough to be fully controlled by the subsequent treatment for the new establishing generation of weeds. In case full control of mature weeds is required at the initial treatment, then the higher rate should be used.

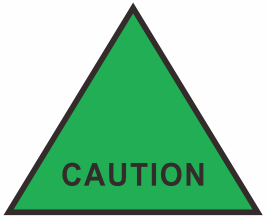
Weed species	Weed suppression		Weed control	
	Initial rate (ℓ/ha)	Follow-up Spray (ℓ/ha)	Initial rate (ℓ/ha)	Follow-up spot Spray (ℓ/15ℓ water)
Pigweed (*Amaranthus hybridus*) Blackjack (*Bidens pilosa*) Fat hen (*Chenopodium album*) Stinkblaar (*Datura stramonium*) Rapoko grass (*Eleusine indica*) Other annual grasses	0.4	0.4	0.5-1.5	0.15
Fleabane (*Conyza spp.*) Purslane (*Portulaca oleracea*) Mexican marigold (*Tagetes minuta*) Volunteer maize Volunteer winter cereals Mexican clover (*Richardia scabra*)	0.4	0.4	0.75-2.0	0.15
Wandering Jew (*Commelina benghalensis*) Shamva grass (*Rottboellia cochinchinensis*) Garden urochloa (*Urochloa panicoides*)	0.4	0.4	1.5-4.0	0.15
Kikuyu (*Pennisetum clandestinum*)	0.5	0.5	4.0	0.1
Dallis grass (*Paspalum dilatatum*)	1.0	0.6	5.0	0.2
Guinea grass (*Panicum maximum*)	1.0	0.6	5.0	0.2
Couch grass (*Cynodon dactylon*)	1.0	0.6	5.0	0.3
Star grass (*Cynodon niemfuensis*)	1.0	0.6	5.0	0.3
Love grass (*Eragrostis spp.*)	1.0	0.6	5.0	0.2
Silver spike (*Imperata cylindrical*)	2.0	0.6	6.0	0.2
Lantana (*Lantana camera*)			5.0	0.1
Yellow nutsedge (*Cyperus esculentus*)	1.0	0.6	4.0	0.2
Purple nutsedge (*Cyperus rotundus*)	1.0	0.6	4.0	0.2
Water lettuce (*Pistia spp.*)	1.0	0.6	5.0	0.2
Thatching grass (*Hyparrhenia spp.*)	1.0	0.6	8.0	0.2
Water hyacinth (*Eichnia crassipes*)			6.0	0.3
Common reed (*Phragmites spp.*)			6.0	0.3

Date of Manufacture: OCT. 2018 **Batch Number: 20181014**

GLYPHOSATE 480SL

Herbicide

Reg. No. 10-C-90-68 **500ml**



HARMFUL IF SWALLOWED

COMPOSITION: (Mass/volume)
Isopropylamine salt of glyphosate.....41%
Inert ingredients.....59%
(Contains 360g/litre of the acid glyphosate)

Chemical Group: Phosphonic acid

A POST WEED EMERGENCE, NON-SELECTIVE, NON-RESIDUAL TRANSLOCATED HERBICIDE WITH NO SOIL ACTIVITY FOR THE CONTROL OF MOST PERENNIAL AND ANNUAL WEEDS. ALSO A SUGARCANE RIPENER.

GLYPHOSATE is not persistent in the soil.
APPLICATION DIRECTIONS:
1. GLYPHOSATE contains adequate built in wetter. 2. Operate, calibrated sprayer at 100-200 kPa. 3. Apply in range of 50-300ℓ/ha. Use low volumes, e.g. 50-100ℓ/ha (fit low volume/low pressure nozzles) for best results. 4. For perennial weed control remove the competitive annual weeds to allow maximum exposure of the weed to the application of GLYPHOSATE. If weeds are slashed or mown down allow for sufficient re-growth before treatment. 5. For aerial application, apply 20-50ℓ mixture/ha. Wind speed should not be more than 10 km/h and relative humidity should be at least 40%.
HANDLING AND PRECAUTIONS:
1. Handle and open container with care 2. Avoid contact with skin and eyes 3. Wear suitable protective clothing and rubber gloves 4. Wear rubber apron and safety goggles while handling the concentrate 5. When using, do not eat, drink or smoke 6. Wash hands immediately after handling 7. Wash any contaminated clothing before re-use 8. Thoroughly clean equipment after use 9. KEEP OUT OF REACH OF CHILDREN 10. KEEP APART FROM FOOD, DRINK AND ANIMAL FOOD STUFFS 11. Store in original container and KEEP UNDER LOCK AND KEY 12. Destroy empty container by triple rinsing, breaking and burying DO NOT USE for any other purpose
SYMPTOMS OF POISONING: Contact with the skin and eyes causes irritation of the skin and eyes.
FIRST AID:
Eyes: Wash eyes immediately with plenty of water for at least 15 minutes and seek medical attention. **Skin:** Wash skin with plenty of water immediately. **Inhalation:** Remove patient from source of contamination and loosen clothing around neck and chest. **Ingestion:** Keep patient at rest, rinse mouth with water. Call a doctor and show him this label.
NOTE TO PHYSICIAN: Treat symptomatically
COMPATIBILITY:
GLYPHOSATE is compatible with various herbicides including Metsulfuron-methyl, Dicamba and Oxyfluorfen. It is compatible with MCPA and 2,4-D but these should be used only for annual weed control. However, it should not be used with fast acting non-systemic desiccants e.g. paraquat whose mode of action will interfere with systemic translocation.
WARRANTY:
The excellent results which this herbicide normally yields are not however warranted or guaranteed as the effectiveness depends on weather, soil condition, application techniques, and other factors outside the control of the manufacturers and supplier. No warranty whatsoever, whether express or implied, is therefore given concerning the effectiveness of this herbicide and 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.
GLYPHOSATE AS A SUGARCANE RIPENER
APPLICATION DIRECTION AND RATES: GLYPHOSATE should be applied to EARLY season (April-June harvests) sugarcane.

APPLICATION RATE	REMARKS
600 ml/ha	Recommended for aerial and calibrated ground rig application. Spray on well-grown cane at 77-80% juice purity i.e. approx. 12 weeks before harvest. Spray drift or direct contact with young cane can result in crop damage. Regrowth from previously treated cane can have a yellow chlorotic appearance. This is not known to affect yield.

GENERAL WARNINGS:
1. Always use clean water. 2. Rain or irrigation within 6-8 hours of application can reduce efficacy. 3. GLYPHOSATE symptoms are slow to appear, hence the product takes at least two week for maximum effect 4. For best results GLYPHOSATE must be applied to vigorously growing weeds. Do not apply to stressed or dormant weeds. 5. Pre-plant weed control sprays on sandy soil (<10% clay) should take place 7 days before transplanting seedlings. 6. An excessive layer of dust on weed foliage will reduce efficacy. 7. Spray drift or direct contact onto leave of desirable plants can result in serious damage. 8. Do not mix, store or apply this product in galvanized steel or unlined steel (except stainless steel) containers or spray tanks as the material will react with such containers to produce hydrogen, an explosive gas.

SAFETY PRECAUTIONS
Empty container disposal: invert the empty container over the spray tank or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the container three times with a volume of water equal to a minimum of 10% of the container. Add the rinsings to the contents of the spray tank. Destroy the empty container by perforation and flattening. Return to supplier for recycling. DO NOT use for any other purpose. Dispose of the wash water at a site for the disposal of pesticides.

Decontamination of sprayer: Clean applicator thoroughly after use and ensure that all traces of GLYPHOSATE are removed. Make use of the following method;
(a) Drain and rinse tank, spray boom and hoses with clean water for at least 10 minutes
(b) Fill tank with clean water and add it to 1 litre household bleach (5%) or 1.5 Litres of household bleach (3.5%) per 200 Litres of water. Rinse hoses and spray boom and leave in tank for 15 minutes whilst agitating. Drain through nozzle outlets.
(c) Repeat step (b) and thereafter, rinse thoroughly with clean water and dispose of the wash water at a site designated for the disposal of pesticides.

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