

® Registered Trademark of a
Syngenta Group Company

Manufactured by:
Syngenta Crop Protection AG
Basel, Switzerland

Distributor:
Syngenta Zambia Limited
Plot No. 5255, Mukwa Road
P.O. Box 33088, Lusaka, Zambia
Tel.: +260 211 244 766

 **Touchdown® 360SL**

syngenta®

Soluble Concentrate (SL).

**A non-selective, post emergence,
systemic herbicide for control of
both annual and perennial grasses
and broadleaf weeds in agricultural,
horticultural and non-crop outlets.**

Active ingredient content:

Glyphosate potassium salt: 360 g/litre

HARMFUL IF SWALLOWED

KEEP LOCKED UP OUT OF REACH OF CHILDREN

Hazard statement

-Toxic to aquatic life with long lasting effects.

Precaution statement

-Collect spillage.

1 Litre



WARNING



Product names marked ® or ™, the ALLIANCE FRAME
the SYNGENTA Logo and the PURPOSE ICON
are Trademarks of a Syngenta Group Company

NOTE TO SUPPLIER: REPEAT PAGE IS USED

L1063745 ZAMB/06Y PPE 4123061

**Before opening the container,
read the safety advice**

750ml

Shelf-Life:

At least 2 years from date of
manufacturing, in original
unopened containers stored in a
cool dry well ventilated place.

Emergency Call Number:

Swiss Toxicological Information
Centre (24 h) +41 44 251 51 51

500ml

250ml

approx. measure

S-PAC

DESCRIPTION:
BOOKLET 4-16 PG 275 X 122 MM

SCALE:
1:1

ISSUE NO:
SYN002

ISSUE DATE:
24.10.2014

4032223

Please remove before printing.
Retirez s'il vous plaît avant l'impression
Por favor, eliminar antes de imprimir.

Product Information

Mode of Action

Herbicidal action arises from the inhibition of the biosynthesis of three aromatic amino acids (phenylalanine, tyrosine, and tryptophan), which are used in the synthesis of proteins essential for growth and survival of most plants. Glyphosate inhibits the enzyme, 5-enolpyruvylshikimate-3-phosphate synthase (EPSPS), which is important in aromatic amino acid synthesis. Glyphosate also may inhibit or repress two other enzymes, chlorismate mutase and prephenate hydratase, involved in other steps of the synthesis of the same amino acids. These enzymes are all part of the shikimic acid pathway, present in higher plants and microorganisms but not in animals.

Touchdown 360 SL is active against a wide range of annual and perennial grasses and broadleaf weeds and some woody brush and tree weeds.

Touchdown 360 SL is a systemic, non-selective herbicide which is absorbed into the plant through leaves and young / green stems. Weed growth stops within 24 hours of application with visual symptoms of control appearing over the next 5-14 days. Complete drying of weeds may take 3 weeks.

Safety Precautions

- Handle with care; avoid splashing / contact; poisonous by swallowing.
- WEAR protective clothing, i.e. boots, gloves and face protection for mixing and boots and overalls for spraying.
- Do not eat, drink or smoke while using this product.
- MAY BE DANGEROUS TO LIVESTOCK, PETS, FISH, BIRDS AND BEES.
- DO NOT CONTAMINATE DRINKING POOLS, DAMS, RIVERS, WATERWAYS AND OTHER WATER SUPPLIES.
- Store in original container UNDER LOCK AND KEY KEEP OUT OF REACH OF CHILDREN.
KEEP APART FROM FOOD AND FOODSTUFFS.

For safety when mixing:

- Wear gloves, boots and eye protection (at least glasses). Undiluted Touchdown 360 SL can irritate your eyes. If you get it in your eyes wash it out at once. If you spill it on your clothes, change and wash them immediately.
- Triple rinse empty container and pour washings into sprayer tank.

For safety when spraying:

- As with all chemicals avoid contact with the spray.
- Wear overalls and boots.

For safety after spraying:

- Wash yourself. Change and wash your work clothes
- Destroy empty container by cutting or crushing then place in secure disposal site – DO NOT USE it for any other purpose.
- Wash sprayer thoroughly. Dispose of wash water in a safe manner.

SYMPTOMS OF POISONING

- Non-specific but may include nausea, vomiting, dizziness and headaches. Diarrhoea may also occur with associated symptoms.

FIRST AID

- Eye splashes: Hold eyelids apart and pour in a gentle stream of water for 10-15 minutes.
Go to a doctor.
- If product is SWALLOWED do not make the person vomit.
- Take the person and this container to a doctor at once.

NOTE TO PHYSICIAN

- Perform gastric lavage, taking care to prevent aspiration of gastric contents. Then treat symptomatically.

ENVIRONMENT AND WILDLIFE:

- DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto nearby susceptible plants / crops, cropping lands or pastures.
- DO NOT contaminate dams, rivers or streams with the product or used container.
- DO NOT apply to weeds growing in or over water.
- DO NOT spray across open bodies of water.

DIRECTIONS FOR USE

- Apply to actively growing weeds that are dust-free.
- Avoid spraying wet foliage.
- Avoid spray drift onto non-target plants.
- Rainfast in 3-6 hours under favourable conditions.
- Mix Touchdown 360 SL with clean, mud-free water and spray in 80-200 litres water per hectare.
- Ensure good coverage of weeds.
- Avoid tank-mixes.
- Use a low spray pressure (100 - 200 kPa) and the correct (Flat fan Nozzle) nozzles to avoid spray drift.

Crop	Weeds	Dosage (Litre/Ha)	Remarks
Non-crop land; fire breaks; fence lines	Perennial grasses and broadleaf	3,0 - 4,0	Use lower rates when weeds are in the early stages of growth
	Spot treatment of perennial weeds	Use 2% solution (100 ml / 10 lt water)	
All crops: pre-planting	Annual grass & broadleaf weeds	3,0 litres/ha	Do not plant or cultivate within 7 - 10 days of spraying.
	Perennial weeds	4,0 litres/ha	
Plantation crops: coffee, tea	Annual grass & broadleaf weeds	3,0 litres/ha	Avoid drift onto young trees.
	Perennial grass and broadleaf weeds, Sedges	4,0 litres/ha	Use lower rate when weeds are in the early stages of growth.
Orchards: Citrus, Deciduous fruits	Annual grass & broadleaf weeds	3,0 litres/ha	Avoid drift onto young trees.
	Perennial grass and broadleaf weeds, Sedges	4,0 litres/ha	Use lower rate when weeds are in the early stages of growth.
Sugarcane: eradication		6 - 6,5 litres/ha	After harvest spray actively growing tillers when they are at the 7 leaf stage.

SPILLAGE AND LEAKAGE

Remove heavily contaminated soil layer and bury in a safe place away from water supplies. Collect up spilt material thoroughly and bury it in a safe place or put it in a waste bin or in a plastic bag and dispose of on a landfill site approved for pesticides. Rinse spill area with plenty of water.

Note: Spilt product must not be re used.

PRODUCT AND CONTAINER DISPOSAL

Provided there are no local legal or other rules and regulations, the following procedure is recommended: Dispose of surplus product on a landfill site approved for pesticides or bury in a safe place away from water supplies. Empty the product sachets /containers well. Dispose of containers made of cardboard, paper or plastic on a landfill site or burn in a safe place. If burned stay out of the smoke. Be sure that the smoke or fumes will not damage nearby plants, crops or trees, or harm animals. DO NOT re use empty containers for any other purpose.

COMPATIBILITY

Touchdown 360 SL Hitech is incompatible with other pesticides.

® Registered Trademark of a
Syngenta Group Company

Manufactured by:

Syngenta Crop Protection AG
Basel, Switzerland

Distributor:

Syngenta Zambia Limited
Plot No. 5255, Mukwa Road
P.O. Box 33088, Lusaka, Zambia
Tel.: +260 211 244 766

Product names marked ® or ™, the ALLIANCE FRAME,
the SYNGENTA Logo and the PURPOSE ICON
are Trademarks of a Syngenta Group Company

L1063745 ZAMB/06Y PPE 4123061

 **Touchdown® 360SL**

 **syngenta®**

Soluble Concentrate (SL).

**A non-selective, post emergence,
systemic herbicide for control of
both annual and perennial grasses
and broadleaf weeds in agricultural,
horticultural and non-crop outlets.**

Active ingredient content:

Glyphosate potassium salt: 360 g/litre

HARMFUL IF SWALLOWED

KEEP LOCKED UP OUT OF REACH OF CHILDREN

Hazard statement

-Toxic to aquatic life with long lasting effects.

Precaution statement

-Collect spillage.

1 Litre



WARNING



**Before opening the container,
read the safety advice**

Shelf-Life:

At least 2 years from date of
manufacturing, in original
unopened containers stored in a
cool dry well ventilated place.

Emergency Call Number:

Swiss Toxicological Information
Centre (24 h) +41 44 251 51 51

NO TEXT HERE

GLUE PAGE

PAGE NUMBER SEQUENCING IS DETERMINED BY THE FINAL LEADING EDGE.
RIGHT HAND STARTS FROM BACK OF BOOKLET. LEFT HAND STARTS FROM FRONT OF BOOKLET.
FIRST (FRONT) PAGE IS ALWAYS FIXED ON TOP OF BOOKLET.

BASE
NON-PRINTABLE