



The miracles of science™



ACCENT®

Reg. No. L5157 Act No. 36 of 1947

Reg. Nr. L5157 Wet Nr. 36 van 1947

A water dispersible granule, selective post-emergence grass and broadleaf herbicide, which controls existing wild sorghum types, Johnson grass and some grass and broadleaf weeds in maize. For full particulars see attached label.

'n Selektiewe waterdispergeerbare korrel onkruidodder vir na-opkoms beheer van bestaande wildesorghum tipes, Johnsongras en sommige gras en breëblaar onkruid in mielies. Vir volledige besonderhede sien aangehegte etiket.

HERBICIDE GROUP CODE B ONKRUIDDODER GROEP KODE

ACTIVE INGREDIENT

Nicosulfuron (sulfonyl urea)

.....750 g/kg.....

AKTIEWE BESTANDDEEL

Nicosulfuron (sulfonielureum)

Nett Mass

240 g

Netto Massa

**REGISTERED BY /
GEREGISTREER DEUR:**

DUPONT DE NEMOURS SOUTH AFRICA
(PTY) LTD
Co. Reg. No. : 2009/014079/07
P. O. BOX / POSBUS 3332
HALFWAY HOUSE 1685
Tel: (011) 218 8600

**24 HOUR / UUR EMERGENCY
NUMBER / NOODNOMMER:
083 123 3911**

UN No. / VN Nr. 3077

BATCH NUMBER
DATE MANUFACTURED

LOTNOMMER
DATUM VERVAARDIG



**CAUTION
VERSIGTIG**



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WARNINGS:

- Allow 60 days between application and harvest on maize.
- The product may irritate eyes, nose, throat and skin.
- Keep out of reach of children, unformed persons and animals.
- Store in a cool, dry place.
- RE-ENTRY: Do not enter treated area until spray deposit has dried unless wearing protective clothing.
- Store away from food, feeds, seed and other agricultural remedies.
- Should the recommended dosage rate and time of application be exceeded, damage to the crop may occur.

Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the weed against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS:

Do not smoke, drink or eat while using this product.

Prevent contamination of food, feeds, drinking water, water supplies and eating utensils.

For safety when mixing:

- Do not inhale dust.
- Wear a face shield and rubber gloves when handling the granules.
- In the event of contact with eyes, wash with water immediately.
- In the event of contact with skin, wash with water and soap immediately.
- In the event of contact with clothes, remove and wash.

For safety when spraying:

- Do not inhale and avoid contact with the spray mist as much as possible.
- Avoid spray drift onto susceptible crops, grazing, rivers, dams and areas not under treatment.

For safety after spraying:

- Wash yourself.
- Change and wash work clothes.
- **Clean applicator thoroughly after use using the following method:**
 - i. Drain tank completely then flush tank, boom and hoses with clean water. Drain again.
 - ii. Fill the tank with clean water and add household ammonia (contains 3 % active) at the rate of 1 ℓ for every 100 ℓ water. Circulate the ammonia solution through the tank, boom and hoses for at least 15 minutes. Drain completely.
 - iii. To remove traces of ammonia, rinse the tank with clean water and flush through booms and hoses.
 - iv. Repeat step (ii).
 - v. Nozzles and filters must be removed and cleaned separately with ammonia solution at the same concentration as above.
 - vi. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
 - vii. Do not spray, drain or flush equipment on or near desirable trees or plants or where their roots may extend.

CONTAINER DISPOSAL:

- Containers and packages must be completely emptied before being disposed of.
- Shake out thoroughly into the application hopper.
- Thereafter rinse the empty container three times with a volume of water equal to minimum of 10 % of that of the container before destroying the container in the prescribed manner.
- Destroy empty container by perforation and flattening and never re-use for any other purpose.

RESISTANCE WARNING

For resistance management **ACCENT**[®] is a group code B herbicide. Any weed population may contain individuals naturally resistant to **ACCENT**[®] and other group code B herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. **ACCENT**[®] or any other group code B herbicide may not control these resistant weeds.

To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same herbicide group code. Alternate with registered products from different herbicide group codes.
- Integrate other control methods (chemical, cultural, biological) into weed control programmes.

For specific information on resistance management contact the registration holder of this product.

USE RESTRICTIONS:

Where certain climatic conditions (such as lengthy wet, cold period) prevail soon after application, then the use of **ACCENT**[®] can lead to temporary yellowing or stunting of the crop.

1. Follow-up crops:

The amount of **ACCENT**[®] which remains in the soil is dependant on the rate used, soil pH, organic matter content, time elapsed, climatic and weather conditions since **ACCENT**[®] application.

Minimum re-crop interval:

Soil pH below 7.0		Soil pH above 7.0	
Crop	Months	Crop	Months
Maize	0	Maize	0
Cereals (wheat, barley, oats), Soybeans, Dry Beans, Sunflowers.	8	Cereals (wheat, barley, oats), Soybeans, Dry Beans, Sunflowers.	12
Sorghum and all other crops	12	Sorghum and all other crops	24

2. **ACCENT**[®] has a limited residual effect on germinating weeds, the control of which is affected by factors such as weed species, soil pH and soil moisture.
3. Under no circumstances should unused spray mixture be kept overnight.
4. Do not spray **ACCENT**[®] to maize which is growing under stress conditions (stress conditions can result from water logging, drought, disease, insect damage and mineral element deficiencies, especially Nitrogen.)
5. **Dilution water:** Use only water of which the quality is suitable for overhead irrigation.

COMPATIBILITY:

1. Do not apply **ACCENT**[®] in combination with organophosphorous insecticides, e.g. monocrotophos, triazophos or within 14 days of such application.
2. Do not use **ACCENT**[®] following in-furrow applications of organophosphate granular insecticides, e.g. terbufos and phorate.
3. The restrictions under the above 2 points do not apply to carbamate type insecticides. For further information consult technical advisor.
4. **ACCENT**[®] is compatible with Atrazine 500 SC (Reg. No. L498 Act No. 36 of 1947)

DIRECTIONS FOR USE:

USE ONLY AS DIRECTED

Apply **ACCENT**[®] after emergence of both the crop and the weeds. Prepare only sufficient spray for immediate use, in the following manner:

PRE-MIXING:

Mix the required quantity **ACCENT**[®] with a small amount of water to form a smooth cream without any remaining granules.

MIXING:

Half fill the spray tank with water.

Add the creamed product to the tank through a sieve. Top up to the required volume while agitating continuously, then proceed as follows:

High volume (e.g. by ground sprayer)

Add the required amount of adjuvant to the spray mixture and wait until thoroughly mixed before application.

NOTE: Ensure that thorough agitation of the spray mixture is maintained at all times.

APPLICATION:

1. Ground Application:

Apply by means of a tractor mounted boom sprayer which is correctly calibrated to deliver at least 200 l spray mixture per hectare at a constant speed and pressure (100-200 kPa) to ensure an even delivery.

Avoid overlapping of swaths and close the nozzles while starting slow movement, turning and stopping to prevent over-application.

2. Drift:

Avoid spray drift to adjacent crops.

ADJUVANTS:

The use of a surfactant, e.g. PARTNER 650 (Reg. No. L5642 Act No. 36 of 1947) at the rate of 0,1-0,2 % (100-200 ml per 100 l spray mixture) or Agral 90 (Reg. No. L2987 Act No. 36 of 1947) at a rate of 0,1 % (100 ml per 100 l spray mixture) or Trisure S (Reg. No. L7141 Act No. 36 of 1947) at a rate of 0,3 % (300 ml per 100 l spray mixture) is always recommended.

CROP	SOIL TYPE	RATE	REMARKS
<p>MAIZE: (excluding seedmaize, sweetcorn and popcorn)</p>	<p>All types</p>	<p>60 g/ha ACCENT[®] plus Partner 650 @ 100-200 mℓ/100 ℓ spray mixture or Agral 90 @ 100 mℓ/100 ℓ spray mixture or Trisure S 300 mℓ/100 ℓ spray mixture</p>	<p>EARLY POST EMERGENCE APPLICATION (Only for cultivars listed in Table 1) :</p> <ul style="list-style-type: none"> • Apply post-emergence over the top when the maize is in the 2-5 leaf stage. Use only on the maize hybrids listed in Table 1 below. • Spray when the weeds have emerged and are actively growing but do not exceed the maximum stage recommended in Table 2 below. • Warning: ACCENT[®] will cause severe crop damage when used before, after, or in tank mixture with organo phosphorous insecticides. This also applies to in furrow organo phosphorous insecticides applied at planting. For details refer to the section on compatibility on this label. <p>LATE POST EMERGENCE APPLICATION:</p> <ul style="list-style-type: none"> • Apply as a directed spray only when the maize is in the 7-10 leaf stage. • Apply by means of drop arms so as to avoid spraying directly into maize funnel. Ensure that the target weeds are adequately covered by the spray mixture. • Spray when the weeds have emerged and are actively growing but do not exceed the maximum stage recommended in Table 2 below. • Warning: ACCENT[®] will cause severe crop damage when used before, after, or in tank mixture with organo phosphorous insecticides. This also applies to in furrow organo phosphorous insecticides applied at planting. For details refer to the section on compatibility on this label. <p>GENERAL: Re-growth of sorghum species may occur when the maize crop is cultivated within 10 days before or after the application of ACCENT[®].</p>

Table 1. Maize cultivars shown to be tolerant to ACCENT® when applied post emergence over the top between the 2 to 5 leaf stage of the maize crop.

YELLOW CULTIVARS	WHITE CULTIVARS
PAN 6000Bt, PAN 6012Bt, PAN 6804, PAN 6114, PAN 6118, PAN 6026, PAN 6710, PAN 6734, PAN 6730, PAN 6364, PAN 6740, PAN 6310, PAN 6316, PAN 6314Bt, PAN 6326RR, PAN 6036Bt, PAN 6146, PAN 6480, PAN 6256, PAN 6616, PAN 6614, PAN 6568, PAN 6966 PHB 31B13, PHB 33A63, PHB 3335, PHB 33A14, PHB 33P66, PHB 3223, PHB 3394	PAN 6011, PAN 6017, PAN 6615, PAN 6823, PAN 6013Bt, PAN 6825, PAN 6845, PAN 6029, PAN 6757, PAN 6061, PAN 413, PAN 67 PHB 32Y52, PHB 32H39, PHB 3203,

Table 2. Weeds controlled with ACCENT® from seedling (1-2 leaves) up to the stage indicated.

BOTANICAL NAME	COMMON NAME	MAXIMUM WEED STAGE AT APPLICATION
SORGHUM SPECIES:		
<i>Sorghum bicolor</i> subsp. <i>drummondii</i>	Wild grain sorghum	Up to 7 leaves
<i>Sorghum halapense</i>	Johnson grass	Up to 7 leaves
<i>Sorghum bicolor</i> subsp. <i>arundinaceum</i>	Common wild sorghum	Up to 7 leaves
GRASSES:		
<i>Panicum schinzii</i>	Sweet buffalo grass	Up to tillering stage
<i>Setaria pallidifusca</i>	Red bristle grass	Up to 4 leaves
<i>Rottboellia cochinchinensis</i>	Guinea fowl (Shamva) grass	Up to 4 leaves
BROAD LEAF WEEDS:		
<i>Amaranthus thunbergii</i>	Red pigweed	4 leaves
<i>Amaranthus deflexus</i>	Perennial pigweed	4 leaves
<i>Cleome monophylla</i>	Spindlepod	6 leaves
<i>Datura stramonium</i>	Thorn apple	4 leaves
<i>Schkuhria pinnata</i>	Dwarf marigold	3 leaves
<i>Tagetes minuta</i>	Khakiweed	4 leaves
<i>Tribulus terrestris</i>	Devil's Thorn	4 leaves