

toegedien word as algehele (voor V8 stadium) of gerigte bespuitings (na V8 stadium). Raadpleeg die verskaffer se etiketaanbevelings. Tenkingsels van **ROUNDUP READY PLUS**-onkruidodder en Atrazine word nie aanbeveel nie.

ers recommendations on the label. **ROUNDUP READY PLUS** herbicide should not be tank mixed with Atrazine.

Die volgende handelsmerke en registrasies word erken kragtens Wet nr. 36 van 1947 The following trademarks and registrations are acknowledged under Act No. 36 of 1947		
Produk Product	Reg. Nommer Reg. Number	Registrasiehouers Registration holders
Bladbuff 5®	L3351	Plaaskem (Edms) Bpk. Plaaskem (Pty) Ltd
Triflurex® 480 EC	L5350	Makhteshim - Agan Suid-Afrika (Edms) Bpk Makhteshim - Agan South Africa (Pty) Ltd.
Bullet® SC	L5623	Monsanto Suid Afrika (Edms) Bpk. Monsanto South Africa (Pty) Ltd.
Lasso® Micro Tech®	L4728	Monsanto Suid Afrika (Edms) Bpk. Monsanto South Africa (Pty) Ltd.
Guardian S®	L4862	Monsanto Suid Afrika (Edms) Bpk. Monsanto South Africa (Pty) Ltd.
Harness® Xtra EC	L ?	Monsanto Suid Afrika (Edms) Bpk. Monsanto South Africa (Pty) Ltd.
Roundup® Turbo	L7166	Monsanto Suid Afrika (Edms) Bpk Monsanto South Africa (Pty) Ltd.
® Handelsmerk van Monsanto ® Registered Monsanto Company trademark	Junie 2005 June 2005	Lid van AVCASA en CropLife. Member of AVCASA and CropLife

MONSANTO



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ZA, 0509, F - 1048 6412

Roundup® Ready Plus

Herbicide by
Onkruidodder deur Monsanto

Reg. No. L 7769, Act No. 36 of 1947

A soluble concentrate non-selective post emergence herbicide for the control of annual and perennial weeds in ROUNDUP READY® maize, cotton and soybean varieties.

**HERBICIDE RESISTENCE
GROUP G**

Active Ingredient
540 g Glyphosate (glycine) a.e. //
(contains 633 g potassium salt
of glyphosate //)

Contents
20 l
Inhoud

Reg. No. L 7769, Wet No. 36 van 1947

'n Oplosbare konsentraat, nie-selektiewe sistemiese na-opkomsnonkruidodder vir die beheer van een- en meerjarige onkruid in ROUNDUP READY® mielie, katoen en sojaboon kultivars.

**ONKRUIDODDER
WEERSTANDSGROEP G**

Aktiewe Bestanddeel
540 g Glifosaat (glisien) s.e. //
(bevat 633 g kaliumsout
van glifosaat //)

Emergency telephone numbers / Nood telefoon nommers
Office hours / Kantoorure: 011-790-8200
After hours 24 hr international / Na-ure 24 uur internasionaal:
09-1-314-694-4000

Registered, manufactured and distributed by
Monsanto South Africa (Pty), Ltd.
[Reg. No. 1968/01485/07]
P.O. Box 69933, Bryanston, 2021.

Geregistreer, vervaardig en versprei deur
Monsanto Suid Afrika (Edms.), Bpk.,
[Reg. Nr. 1968/01485/07]
Posbus 69933, Bryanston, 2021.

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UN number: 3082



WAARSKUWINGS



WARNINGS

- Weerhoudingsperiode: Laat die volgende aantal dae toe tussen laaste bespuiting en oes: Mielies: Beweiding - 28 dae en groenmielies - 42 dae.
- Mag oog en vel irritasie veroorsaak.
- Moenie **ROUNDUP READY PLUS**-oplossings meng, berg of toedien vanuit gegalvaniseerde staal- of ongevoeringde houers (behalwe vlek-vrye staal) of spuittenks nie, aangesien dit chemies met die staal reageer om waterstofgas te vorm wat hoogs vlambaar is.
- Stoor buite die bereik van voedsel, voer, saad, kunsmis en ander landbouchemikalieë.
- Hou buite die bereik van kinders, oningeligte persone en diere.
- **Herbetreding:** Moet nie die behandelde area betree alvorens die spuitneerslag nie droog is nie, tensy beskermende klerasie gedra word.
- Alhoewel hierdie onkruiddoder omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat hierdie produk onder alle omstandighede doeltreffend sal wees nie aangesien die werking en effektiwiteit daarvan beïnvloed kan word deur faktore soos abnormale grond-, klimaat- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms van weerstand van die onkruid teen die onkruiddoder sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie die verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing, of nadelige effek op mens of dier, of vir die gebrek aan prestasie van die onkruiddoder as gevolg van die versuim van die gebruiker om etiketaanwysings na te kom, of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie.
- Raadpleeg u verskaffer in geval van enige onsekerheid.
- Withholding period: Allow the following number of days between last application and harvest: Maize: Grazing 28 days and Green Mealies 42 days.
- May cause eye and skin irritation.
- Do not mix, store or apply **ROUNDUP READY PLUS** solutions in galvanised steel or unlined steel (except stainless steel) containers or spray tanks as a reaction will produce hydrogen gas which is highly combustible.
- Store away from food, feeds, seed, fertilizers and other agricultural chemicals.
- Keep out of reach of children, uninformed persons and animals.
- **Re-entry Period:** Do not enter the treated field until the spray deposit has dried unless wearing protective clothing.
- Although this herbicide has been tested under a large variety of soil and climatic 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 weeds against the herbicide 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 herbicide 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 your supplier in the event of any uncertainty.

ADDITIONELE INLIGTING EN TENKMENGSEL KOMBINASIES

1. Voorplant-, Voorplant ingewerkte, Vooropkoms- en Na-opkoms-toedienings

Katoen

Bogenoemde aanbevelings vir die toediening van **ROUNDUP READY PLUS**-onkruiddoder mag gevolg word vir katoenkultivars wat die **ROUNDUP READY**-geen bevat. Wanneer Roundup Turbo as 'n voorplantbespuiting toegedien word, of Triflurex 480 EC as 'n voorplant, ingewerkte toediening aangewend word, moet die verskaffer se etiketaanbevelings nagekom word. **ROUNDUP READY PLUS** kan met Harness Xtra volgens etiket aanbevelings toegedien word wanneer die katoen tussen die 5 en 8blaar groeistadium is.

Sojabone

Bogenoemde aanbevelings vir die toediening van **ROUNDUP READY PLUS**-onkruiddoder mag gevolg word vir sojaboonkultivars wat die **ROUNDUP READY**-geen bevat. Wanneer Roundup Turbo as 'n voorplantbespuiting toegedien word, of Lasso MT as 'n vooropkoms-toediening aangewend word, moet die verskaffer se etiketaanbevelings nagekom word.

Mielies

Bogenoemde aanbevelings vir die toediening van **ROUNDUP READY PLUS**-onkruiddoder mag gevolg word vir meliekultivars wat die **ROUNDUP READY**-geen bevat. Wanneer Roundup Turbo as 'n voorplantbespuiting toegedien word, kan of Guardian S of Lasso MT of Bullet as 'n vooropkoms-toediening aangewend word, of Harness Xtra of 2,4-D amien of MCPA as 'n na-opkoms-toediening, moet die verskaffer se etiketaanbevelings nagekom word.

2. **ROUNDUP READY PLUS**-onkruiddoder tenkmengsels vir gebruik in **ROUNDUP READY mielies**

ROUNDUP READY PLUS-onkruiddoder mag vooropkoms van mielies in tenkmengsels met Guardian S of Lasso MT toegedien word. Na-opkoms van die mielies kan Harness Xtra of Lasso MT of 2,4-D amien of MCPA in tenkmengsels met die **ROUNDUP READY PLUS**-onkruiddoder

ADDITIONAL INFORMATION AND TANK MIX COMBINATIONS

1. Pre-Plant, Pre-Plant Incorporated, Pre-Emergent and Post-Emergent treatments

Cotton

The above recommended **ROUNDUP READY PLUS** herbicide treatments may be applied in cotton varieties which are designated **ROUNDUP READY** cotton cultivars. When Roundup Turbo is applied as a pre plant treatment or Triflurex 480 EC is applied as a pre-plant incorporated treatment, follow the recommendations on the manufacturer's label. **ROUNDUP READY PLUS** can be applied in a tank mix with Harness Xtra when the cotton is between the 5 and 8 leaf growth stage as recommended on the label.

Soybean

The above recommended **ROUNDUP READY PLUS** herbicide treatments may be applied in soybean varieties that are designated **ROUNDUP READY** soybean cultivars. When Roundup Turbo is applied as a pre-plant treatment or Lasso MT is applied as a pre-emergent application, follow the recommendations on the manufacturer's label.

Maize

The above recommended **ROUNDUP READY PLUS** herbicide treatments may be applied in maize hybrids that are designated **ROUNDUP READY** maize hybrids. When Roundup Turbo is applied as a pre-plant treatment or Guardian S or Lasso MT or Bullet are applied as pre-emergent applications or Harness Xtra or 2,4-D amine or MCPA are applied as a post-emergent applications, follow the recommendations on the manufacturer's label.

2. Tank mixes with **ROUNDUP READY PLUS** herbicide in **ROUNDUP READY Maize**

ROUNDUP READY PLUS herbicide may be tank mixed with Guardian S or Lasso MT for pre-emergent applications, and with Harness Xtra EC or Lasso MT or 2,4-D amine or MCPA for post-emergent broadcast (before V8 stage) and post directed (after V8 stage) applications. Follow the manufactu-

B. Onkruid wat 'n opvolgbespuiting en/of verhoogde dosis nodig het vir doeltreffende beheer:

Commelina benghalensis - Wandelende Jood
1.7 l/ha toegedien op 3 blaar stadium opgevolg met 1.7 l/ha (toegedien 10 - 20 dae later).

Ipomoea purpurea - Purperwinde
1.7 l/ha toegedien op 4 - 5 blaar stadium opgevolg met 1.7 l/ha (toegedien 10 - 20 dae later).

Portulaca oleracea - Gewone porselein
1.7 l/ha toegedien voor blom.

Tribulus terrestris - Gewone dubbeltjie
1.7 l/ha toegedien voor eerste blomme.

C. Twee- en Meerjarige onkruid:

1.7 l/ha toegedien voor 100 mm hoog of voor die 8 blaar groei stadium.

Cyperus esculentus - Geeluintjie
1.7 l/ha toegedien op 3 tot 4 blaar stadium opgevolg met 1.7 l/ha (toegedien 10 - 20 dae later).

Nota: Gee aandag aan punt 1 en 2 hierbo vir aanbevelings in katoen en mielies en punt 1 vir sojabone.

Die volgende onkruidspesies sal nie teen hierdie aanbevole dosisse beheer word nie:

Cynodon dactylon - Gewone kweekgras (Sien hier onder)

Convolvulus arvensis - Akkerwinde

Oenothera stricta - Nagblom

Panicum maximum - Buffelsgras

Paspalum spp. - Paspalum.

Cynodon dactylon (gewone kweekgras) beheer: Spuit die plante met Roundup of Roundup Turbo teen die aanbevole dosis voordat enige voorplant grondbewerking plaasvind kort voor planttyd. Volg die aanbevelings soos hierbo vir die beheer van *Cyperus esculentus* (geeluintjie) binne die gewas. 'n Laatseisoen kolbespuiting sodra die gewas volwasse en besig is om afgedroog word aanbeveel.

B. Species requiring a follow-up spray and/or increased rate:

Commelina benghalensis - Wandering Jew
1.7 l/ha Apply at the three-leaf stage followed by 1.7 l/ha (apply 10 - 20 days later).

Ipomoea purpurea - Morning glory
1.7 l/ha Apply at the 4 - 5 leaf stage followed by 1.7 l/ha (apply 10 - 20 days later).

Portulaca oleracea - Common purslane 1.7 l/ha Apply before flowering.

Tribulus terrestris - Devil's thorn 1.7 l/ha Apply before first flowers appear.

C. Biennial and Perennial weed species:

1.7 l/ha Apply before 100 mm in height or the 8 leaf growth stage.

Cyperus esculentus - yellow nut sedge 1.7 l/ha Apply at the three to four leaf stage follow by 1.7 l/ha (apply 10 - 20 days later).

Note: Read carefully points 1 and 2 above for spray instructions in cotton and maize and point 1 for soybeans.

The following weed species will not be controlled at these recommended rates:

Cynodon dactylon - common quick grass (see below)

Convolvulus arvensis - field bind weed

Oenothera stricta - evening primrose

Panicum maximum - common buffalo grass

Paspalum spp. - common paspalum.

Cynodon dactylon (common quick grass) control: Spray the plants with Roundup or Roundup Turbo at the recommended rate prior to any cultivation shortly before planting the crop. Apply in-crop sprays as for *Cyperus esculentus* (yellow nut sedge) recommended above. A late season spot spray when the crop is mature and drying off is also recommended.

VOORSORGMATREËLS



PRECAUTIONS

- Moenie die spuitnewel of dampe inasem nie.
- Dra handskoene en gesigskerm wanneer konsentraat hanteer word.
- In die geval van aanraking met die vel of oë moet dit dadelik met baie water gewas word. In die geval van oë, verkry mediese aandag indien nodig.
- **Voorkom die wegdrywing** van spuitnewel en/of besoedeling van gevoelige of eetbare gewasse, weiding, en **enige ander nie-teikengebied**. Dit mag **ernstige gewasskade** veroorsaak.
- Direkte of spuitnewelkontak van **ROUNDUP READY PLUS** met die blare en/of onvolwasse bas van plante kan lei tot gelokaliseerde of getranslokeerde skade.
- Spoel leë houers driekeer uit met 'n volume water gelykstaande aan 'n minimum van 10 % van die houer. Gooi die spoelwater by die inhoud van die spuittenk en vernietig dan die houer deur dit stukkend te steek en plat te trap. Moenie vir enige ander doel gebruik nie.
- Verminder besoedeling van voedsel, voer, drinkwater en eetgerei.
- Moet nie blaartoegedienende voedingstowwe saam met **ROUNDUP READY PLUS** toedien nie.
- Do not breathe fumes or spray mist.
- Wear gloves and face shield when handling the concentrate.
- In case of accidental contact with skin or eyes, wash immediately with plenty of water, and in the case of eyes get medical attention if necessary.
- Prevent spray drift and/or contamination onto susceptible or edible crops, grazing or any other areas not under treatment as this may cause serious crop damage.
- Direct or spray drift contact by **ROUNDUP READY PLUS** onto the leaves and/or immature bark of plants not under treatment can result in serious localised or translocated damage.
- Rinse empty container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinsings to the contents of the spray tank before destroying the container by perforation and flattening and do not use for any other purpose.
- Prevent contamination of food, foodstuffs, drinking water and eating utensils.
- Do not add foliar applied nutrients to **ROUNDUP READY PLUS**.

GEBRUIKSAANWYSINGS



DIRECTIONS FOR USE

GEBRUIK ALLEENLIK SOOS AANGEDUI

AANDAG: MET DIE GEBRUIK VAN ROUNDUP READY PLUS ONKRUIDDODER VOLGENS DIE ETIKET AANBEVELINGS WORD DIE VERWAGTING GESKEP DAT DIE ROUNDUP READY MIELIES, KATOEN EN SOJABONE NORMAAL SAL GROEI. LET OP DAT VERSKEIE OMGEWINGSTOE- STANDE, AGRONOMIESE PRAKTYKE EN ANDER FAKTORE DIT ONTMOONTLIK MAAK OM ALLE RISIKO AANGAANDE HIERDIE PRODUK TE ELIMI-

USE ONLY AS DIRECTED

ATTENTION: USE OF ROUNDUP READY PLUS HERBICIDE IN ACCORDANCE WITH LABEL DIRECTIONS IS EXPECTED TO RESULT IN NORMAL GROWTH OF ROUNDUP READY MAIZE, COTTON AND SOYABEAN VARIETIES. HOWEVER, VARIOUS ENVIRONMENTAL CONDITIONS, AGRONOMIC PRACTICES AND OTHER FACTORS MAKE IT IMPOSSIBLE TO ELIMINATE ALL RISKS ASSOCIATED WITH THIS PRODUCT, EVEN WHEN

NEER, SELFS AL WORD AANBEVELINGS VOLGENS DIE ETIKET UITGEVOER. IN SEKERE GEVALLE KAN HIERDIE FAKTORE LEI TOT ONVERWAGTE RESULTATE, INSLUITENDE OES VERLIESE.

AANDAG: HIERDIE PRODUK WORD DEUR MONSANTO AANBEVEEL VIR NA-OPKOM GEBRUIK AS 'N ALGEHELE (BO OOR) OF GERIGTE BESPUITING OP VERBETERDE MIELIES, KATOEN EN SOJABOON KULTIVARS MET DIE ROUNDUP READY(GEEN. ERNSTIGE SKADE OF DOOD VAN MIELIE-, KATOEN- EN SOJABOON-PLANTE SAL VOORKOM AS ENIGE KULTIVARS WAT NIE DIE ROUNDUP READY GEEN BEVAT MET HIERDIE PRODUK BESPUIT WORD.

Algemene inligting

- Die effek van **ROUNDUP READY PLUS** is eers na 4 dae by eenjarige en 7 dae by meerjarige onkruid sigbaar (afhangende van groeitoestand, onkruidgroeistadium en bewerkingspraktieke).
- Dien **ROUNDUP READY PLUS** na opkoms van die onkruid toe. Rig bespuiting op die blare en onvolwasse bas van aktief groeiende onkruid.
- MOENIE spuit as die onkruid nat, rustend, onder stremming, met stof bedek of deur ryp beskadig is nie.
- Swaar reën of besproeiing kort na toediening mag die effektiwiteit verminder en herbespuiting mag nodig wees. **ROUNDUP READY PLUS** is reënvas een uur na toediening.
- Daar is **geen beperking op wisselbougewasse** na die toediening van hierdie produk nie, omdat daar geen moontlikheid van onkruiddoder oordrag is nie.

APPLICATIONS ARE MADE IN CONFORMANCE WITH THE LABEL SPECIFICATIONS. IN SOME CASES, THESE FACTORS CAN RESULT IN UNANTICIPATED RESULTS INCLUDING YIELD LOSS.

ATTENTION: MONSANTO RECOMMENDS THIS PRODUCT ONLY FOR POST EMERGENT USE OVER-THE-TOP OF OR DIRECTED ONTO IMPROVED MAIZE, COTTON AND SOYBEAN VARIETIES THAT ARE DESIGNATED AS CONTAINING THE ROUNDUP READY GENE. SEVERE INJURY OR DEATH OF MAIZE, COTTON AND SOYBEAN WILL RESULT IF ANY HYBRIDS OR VARIETIES NOT PROPERLY DESIGNATED AS HAVING THE ROUNDUP READY GENE ARE SPRAYED WITH THIS PRODUCT.

General information

- The herbicidal action is only visible after 4 days onwards for annual weeds and 7 days for perennial weeds after application (depending on growing conditions, weed growth stage and cultural conditions).
- Apply **ROUNDUP READY PLUS** post-emergence to actively growing weeds, directed on the foliage.
- Do NOT spray whilst weeds are wet, dormant or under stress nor when covered in a layer of dust or damaged by frost.
- Heavy rainfall or irrigation shortly after application may reduce efficacy and a repeat application may be necessary. **ROUNDUP READY PLUS** is rainfast within one hour after application.
- There are no rotational crop restrictions due to herbicide activity following applications of this product.

WEERSTANDBESTUUR



WEED RESISTANCE MANAGEMENT

ROUNDUP READY PLUS is 'n groepkode G onkruid-doder. Enige populasie van 'n spesifieke onkruid mag individue insluit wat 'n natuurlike weerstand teen **ROUNDUP READY PLUS**, of enige ander groepkode G onkruiddoder, het. Indien hierdie

For resistance management, **ROUNDUP READY PLUS** is a group code G herbicide. Any weed population may contain individuals naturally resistant to **ROUNDUP READY PLUS** and other group code G herbicides. The resistant individuals can

waaiër of "Twin Jet" spuitpunte wat geskik is vir laer watervolumes. Waar opvolgbespuitings gedoen word om spesifieke onkruid (bv. *Cyperus esculentus*) te beheer, moet die tweede toediening nie binne 10 dae na die eerste toediening volg nie. Indien die mielies teen hierdie stadium reeds die V8 stadium bereik het, moet die opvolgbespuiting gerig gedoen word (sien hieronder).

2. Gerigte Toediening Gerigte

ROUNDUP READY PLUS bespuitings kan na die V8 stadium gedoen word waar ruywydtes die beweging van spuittoerusting toelaat sonder om enige meganiese gewasskade te veroorsaak. Ruywydtes van 150 cm en 210 cm sal waarskynlik die beste wees vir trekkergemonteerde spuittoerusting.

Vir die beheer van sekere breëblaaronkruid soos hierbo verwys word, kan **ROUNDUP READY PLUS** met die aanbevole dosis van 2,4-D amien of MCPA gemeng en bespuit word. Sien aanbevelings hieronder by "Toedieningshoeveelhede".

TOEDIENINGSHOEVEELHEDE

Die voorkoms van onkruid in mielies, katoen en sojabone wissel volgens gebied, grondsoort en klimaatsfaktore wat varieer van seisoen tot seisoen. Dit veroorsaak 'n wisselvallige en ongelyke opkoms van 'n verskeidenheid van onkruid op 'n land waar een of meer spesies dominant is. Om hiervoor te kompenseer word toedieningshoeveelhede aanbeveel om 'n breë spektrum van onkruid te dek, mits die toediening plaasvind **voordat** enige van die regop groeiende spesies (bv. kakiebos) 100 mm oorskry of plat groeiende spesies (b.v. porslein) die 6 - 8 blaargroeistadium bereik.

DOSISSE:

A. Eenjarige grasse en breëblaaronkruid:

- 1.3 l/ha toegedien voor 100 mm hoog of 8 blaargroeistadium.
- 1.7 l/ha toegedien tussen 100 en 200 mm hoog of voor die 12 blaargroeistadium.

volume deliveries. Where sequential applications are necessary to control specific weed species (e.g. *Cyperus esculentus*), the second application should not occur within 10 days of the first application. If by this time the maize is beyond the V8 stage, a post directed (see below) application will be necessary.

2. Directed application

Directed **ROUNDUP READY PLUS** herbicide applications can be made after the V8 stage, where row spacing permits the passage of the application equipment without causing mechanical damage to the maize crop. Row spacings of 150 cm and 210 cm will probably work best for conventional tractor mounted spray rigs.

For the control of certain broadleaf weeds mentioned above, **ROUNDUP READY PLUS** can be mixed with either 2,4-D amine or MCPA at recommended rates.

See recommendations under "Application dosages".

APPLICATION DOSAGES

Weed spectrums in maize, cotton and soybean are variable and differ by region, soil type and climatic factors that change from season to season. This results in a varied and uneven emergence of a variety of weed species at any one site where one or more species may dominate. In order to compensate for this fact the dosages recommended are aimed at covering a broad spectrum of weeds provided they are sprayed before weeds with an upright growth form reach 100 mm in height (e.g. khaki weed) or weeds with a flat growth form reach the 6 - 8 leaf stage (e.g. common purslane).

DOSAGE RATES

A. Annual grasses and broad leaf weeds:

- 1.3 l/ha Applied before 100 mm in height or the 8 leaf stage.
- 1.7 l/ha Applied between 100 and 200 mm or up to the 12 leaf stage.

onkruidblare in die ry. (Verseker minimale kontak op die katoenblare). Vir die beste resultate moet toedienings plaasvind as die onkruid nog klein is (minder as 10 cm hoog). Opvolgbespuitings moet minstens 10 dae na enige ander binne-gewas bespuiting plaasvind. Nie meer as twee bespuitings moet na die 5de blaar/node en die 15 de node stadium toegedien word nie en die katoen moet minstens twee nodes groei toon tussen die toedienings.

Sien aanbevelings onder "Toedieningshoeveelhe-
de".

ROUNDUP READY SOJABONE

Algehele Toediening

ROUNDUP READY PLUS-onkruidodder kan na-opkoms (bo-oor die sojabone) van **ROUNDUP READY** sojabone vanaf die grondkraakstadium tot na die blomstadium toegedien word. **Laat 'n minimum van 14 dae tussen laaste toediening en oes toe.**

Maksimum toelaatbare **ROUNDUP READY PLUS** toedieningshoeveelhe-
de:

- Gesamentlike totaal per seisoen vir alle toedienings 6.7 l/ha
- Voorplant, vooropkomstoedienings 2.0 l/ha
- Totale gewastoeediening vanaf grondkraak tot blomstadium 4.7 l/ha
- Maksimum voor-oes-toediening 1.3 l/ha

Sien aanbevelings onder "Toedieningshoeveelhe-
de".

ROUNDUP READY MIELIES

1. Algehele Toediening

Algehele (bo-oor die mielies) **ROUNDUP READY PLUS** onkruidodder toediening kan slegs gedoen word vanaf die GRONDKRAAKSTADIUM TOT EN MET DIE V8 STADIUM van die mielie. DIE V8 STADIUM WORD BEREIK WANNEER DIE EERSTE PLANTE AGT BLARE HET WAARVAN DIE BLAARKEDE DIE HOOFSTAM VOLLEDIG OMVOU. Die getal sigbare blare kan egter meer wees. Vermoed algehele toedienings indien die plante meganies beskadig kan word deur die toedieningstoerusting. ALGHELE TOEDIENINGS NA DIE V8 STADIUM KAN LEI TOT OESVERLIESE OF VERTRAAGDE RYPWORDING. Vir die beste resultate gebruik plat-

that weeds in the row are sprayed with minimal spray contact on the cotton foliage. For best results, make applications while weeds are small (less than 100mm high). Sequential in-crop applications must be at least 10 days apart from any other in-crop application of this product. No more than two applications should be made from the fifth leaf/node to the 15th node stage and the cotton should have at least two nodes of incremental growth between applications.

See recommendations under "Application dosa-
ge".

ROUNDUP READY SOYBEAN

Broadcast Application

This product may be applied post-emergent to **ROUNDUP READY Soybeans** from the ground cracking stage throughout to flowering. **Allow a minimum of 14 days between application and the harvest of soybeans.**

Maximum allowable **ROUNDUP READY PLUS** application volumes:

- Combined total per season for all applications 6.7 l/ha
- Pre-plant, Pre-emergent applications 2.0 l/ha
- Total in-crop applications from cracking throughout to flowering 4.7 l/ha
- Maximum pre harvest application rate 1.3 l/ha

See recommendations under "Application dosa-
ge".

ROUNDUP READY MAIZE

1. Broadcast Application

Broadcast (over the top) application of **ROUNDUP READY PLUS** herbicide can ONLY BE APPLIED FROM THE GROUND CRACKING STAGE UP TO THE V8 STAGE. THIS STAGE IS REACHED WHEN THE FIRST PLANTS IN THE FIELD HAVE 8 LEAVES WITH CLOSED COLLARS AROUND THE MAIN STEM. The actual number of leaves may be more. Do not make broadcast applications if mechanical crop damage due to the passing of the spray rig will occur. BROADCAST APPLICATION AFTER V8 STAGE MAY RESULT IN YIELD LOSS OR DELAYED MATURITY. For best results use flat fan or twin jet nozzles that are suitable for low water

onkruidodders herhaalbaar aangewend word, kan die weerstandbiedende individue uiteindelik die onkruid populasie oorheers. Hierdie weerstandbiedende onkruid sal waarsynlik nie deur **ROUNDUP READY PLUS** of enige ander groepkode G onkruidodder beheer word nie.

Om weerstand teen onkruidodders te vertraag:

- Vermoed die eksklusiewe herhaalbare gebruik van onkruidodders met dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van produkte in verskillende onkruidoddergroepkodes.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in die onkruidbeheer-program.

Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.

eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **ROUNDUP READY PLUS** or any other group code G herbicide.

To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same herbicide group code. Alternate or tank mix 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.

MENGINSTRUKSIES



MIXING INSTRUCTIONS

Nota: Gebruik altyd skoon en hoë kwaliteit water vir vermenging en bespuiting.

- **ROUNDUP READY PLUS** meng maklik met water.
- Die spuitwater pH moet in die orde van 4.5 tot 6.5 wees. 'n Buffer soos Bladbuff® 5 moet bygevoeg word om pH reg te stel.
- Die volgorde van meng: voeg eers die ammoniumsulfaat by die water, daarna voeg die **ROUNDUP READY PLUS** en daarna enige tenk-mengsel produk soos aanbeveel.
- Tydens meng en bespuiting moet die spuitoplossing aanhoudend geroer word.
- Maak die spuitapparaat onmiddellik na gebruik van hierdie produk skoon deur deeglik met water deur te spoel.
- **ROUNDUP READY PLUS** kan gemeng en gespuit word in 'n mengsel met sekere "EC" en "SL" formularies. Doen 'n kleinskaal proef mengsel om verenigbaarheid te bevestig voordat grootskaalse bespuiting plaasvind. Alle etiket aanbevelings moet nagekom word.
- Vir die beheer van *Commelina benghalensis* (wandelende Jood), *Convolvulus arvensis* (akkerwinde), *Ipomoea purpurea* (purperwinde) en *Portulaca oleracea* (gewone porselein) SLEGS IN

Note: Always use clean, good quality water for mixing and spraying.

- **ROUNDUP READY PLUS** mixes readily with water.
- Spray water pH must be in the range of 4.5 to 6.5. Add a buffering agent if necessary (e.g. Bladbuff®).
- Sequence of tank mixing: add the ammonium sulphate to the spray water; add the **ROUNDUP READY PLUS** followed by the recommended tank mix product.
- Agitate the spray solution while mixing and spraying.
- Clean sprayer parts immediately after using this product by thoroughly flushing with water.
- **ROUNDUP READY PLUS** can be tank mixed and sprayed with certain EC and SL formulations. Do a small-scale test mix to confirm compatibility before doing a large-scale application. Adhere to all label recommendations.
- For the control of *Commelina benghalensis* (wandeling Jew), *Convolvulus arvensis* (field bind weed), *Ipomoea purpurea* (morning glory) and *Portulaca oleracea* (common purslane) in ROUN-

ROUNDUP READY MIELIES, kan met of 2,4-D amien of MCqPA teen aanbevole dossies gemeng word.

- Indien 'n tenkmengsel met 2,4-D amine of MCPA gemaak word, moet geen buffer bygevoeg word nie.
- Moet nie saam met "SC" insektmiddel formulaties spuit nie.

SPUITOPLOSSING VIR RUGSAKSPUITE:

Spesifiek vir kolbehandeling van onkruid.

ROUNDUP READY PLUS	
Verlange Water Volume	2,0 % spuitoplossing
5 ℓ	100 ml
10 ℓ	200 ml
20 ℓ	400 ml

DUP READY MAIZE ONLY, ROUNDUP READY PLUS can be mixed with either 2,4-D amine or MCPA at recommended rates.

- Do not use a buffering agent when tank mixing with either 2,4-D amine or MCPA.
- Do not mix with SC insecticide formulations.

SPRAY SOLUTION FOR HAND-HELD KNAPSACK SPRAYERS:

Specifically for spot spraying of weeds.

ROUNDUP READY PLUS	
Desired Water Volume	2,0 % spray solution
5 ℓ	100 ml
10 ℓ	200 ml
20 ℓ	400 ml

TOEDIENINGSINLIGTING



APPLICATION INFORMATION

- Trekkergemonteerde balk- en sleepspuiter: **ROUNDUP READY PLUS** onkruidodder moet toegedien word in 'n maksimum van 125 ℓ water/ha. Verseker 'n eweredige druppelverspreiding op die onkruidblaaroppervlakte. Vermoortollige afloop van spuitoplossing vanaf die teiken onkruid. (Teen hoeveelhede van minder as 125 ℓ/ha behoort dit nie 'n probleem te wees nie.)
- Maak seker dat spuittoerusting skoon en vry is van roes, stof of sediment van ander plaagdoders voor bespuiting plaasvind.
- Gebruik altyd skoon water. Voorkom die gebruik van water met 'n hoë kolloïedinhoud, brak of modderige water. Waar alkaliese en/of hardewater voorkom, word die byvoeging van ammoniumsulfaat of verwante produk volgens etiket aanbeveel. Analise van die waterbron word aanbeveel om die natrium, kalsium en magnesium katione sowel as die karbonaat en bikarbonaat fraksies te bepaal, omdat pH nie noodwendig 'n goeie aanwyser is of antagonisme sal voorkom tussen die onkruidodder en die water nie.

- Tractor mounted or towed sprayers: **ROUNDUP READY PLUS** herbicide must be applied in a maximum water volume of 125 ℓ/ha. Ensure an even droplet distribution on the target leaf surfaces. Avoid spraying to the point of run-off from the target leaf surfaces. (At volumes of under 125 ℓ/ha, run off should not be a concern).
- Ensure that spray equipment is clean and free of rust, dust and sediment from other pesticides before spraying.
- Always use clean water. Avoid the use of brack or muddy water, or water with a high colloid content derived from soils high in organic matter. Where alkaline and/or hard water occurs, a buffer e.g. Bladbuff 5 should be added according to label recommendations. Analysis of the water source is advisable to determine the level of the sodium, calcium and magnesium cations, as well as the carbonate and bicarbonate fractions as pH is not necessarily a good indicator of whether antagonism will be experienced between the herbicide and the water carrier.

- Voeg 2 % ammoniumsulfaat in die spuitwater voordat die **ROUNDUP READY PLUS**-onkruidodder bygevoeg word.
- Kalibreer alle spuite korrek onder veldtoestande.
- Dit word aanbeveel om 'n lae druk van 100 tot 150 kPa saam met lae druk spuitpunte te gebruik om die gewenste watervolume en toedieningshoeveelheid per hektaar te kan spuit.
- Moenie in windsnelhede van meer as 10 km/uur spuit nie.
- Verseker 'n fyn, egalige druppelverspreiding en 'n deeglike bedekking van die teikenonkruid.

ROUNDUP READY KATOEN

1. Algehele Toediening

Algehele (bo oor die katoen) toediening kan **ALLEENLIK TOEGEDIEN WORD VANAF GRONDKRAAKSTADIUM TOT EN MET DIE 4^{de} WARE BLAAR/NODE GROEISTADIUM VAN DIE KATOEN**. HIERDIE PUNT WORD BEREIK WANNEER DIE **EERSTE PLANTE OP DIE LAND DIE 4 BLAAR/NODE STADIUM BEREIK HET. ALGHELE TOEDIENING NA HIERDIE TYD KAN LEI TOT BOLVERLIES, VERTRAAGDE RYPWORDING EN/OF OPBRENGSVERLIES**. Vir die beste resultate gebruik platwaaiër of "Twin Jet" spuitpunte. Waar opvolgbespuitings nodig is vir die beheer van spesifieke onkruidspesies (b.v. *Cyperus esculentus*), moet die tweede bespuiting nie binne 10 dae na die eerste toediening plaasvind nie. As die katoen op hierdie stadium verby die 4 blaar/node stadium is moet 'n gerigte bespuiting toegepas word (sien hier onder). Nie meer as twee algehele toedienings moet tussen die grondkraak en die 4 blaar/node stadium plaasvind nie en die katoen moet minstens twee nodes van toenemende groei toon tussen die toedienings.

2. Gerigte of Bedekte Toediening

ROUNDUP READY PLUS-onkruidodder kan ook as 'n na-opkoms gerigte of bedekte toediening in **ROUNDUP READY** katoen toegedien word. Hierdie toedieningsmetodes is **noodsaaklik** om die moontlikheid van gewasskade te voorkom nadat die katoen die **4 blaar/node stadium** bereik het. Toerusting moet gebruik word wat die spuitoplossing onder die gewas rig en kontak maak met die

- Add 2 % ammonium sulphate to the spray water before adding **ROUNDUP READY PLUS** herbicide.
- Correctly calibrate all sprayers under field conditions.
- It is recommended to use low pressures of 100 to 150 kPa with the appropriate nozzles to deliver the required water volume and dosage rate per ha.
- Do not spray when wind speed exceeds 10 km/h.
- Ensure a fine, even droplet distribution and thorough coverage without runoff from the target weeds.

ROUNDUP READY COTTON

1. Broadcast Application

Broadcast (over the cotton) application can **ONLY** be applied from the ground cracking stage up to the 4th TRUE LEAF/NODE COTTON GROWTH STAGE. This is reached when the **first plants** in a field have reached the 4-leaf/node stage. **Broadcast application after this time could result in BOLL LOSS, DELAYED MATURITY AND/OR YIELD LOSS**. For best results use flat fan or twin jet nozzles that can deliver low water volumes. Where sequential applications are necessary to control specific weed species (e.g. *Cyperus esculentus*) the second application should not occur within 10 days of the first application. If by this time the cotton is beyond the 4-leaf/node stage a post directed (see below) application will be necessary. No more than two broadcast applications must be made between cracking and the 4-leaf/node stage and the cotton must have at least two nodes of incremental growth between applications.

2. Post Directed or Hooded Application

In addition to the over-the-top applications, **ROUNDUP READY PLUS** herbicide may be applied as a directed or hooded application to **ROUNDUP READY** cotton. These application methods are **essential** after the cotton has reached the **4-leaf/node stage** to avoid the possibility of damage to the crop. Equipment should be used that directs the spray into the lower crop canopy so