

## **WAARSKUWINGS**

- Die produk mag oog- en velirritasie veroorsaak.
- Bêre agter slot en grendel buite die bereik van kinders, oningeligte persone en diere.
- Bêre in die oorspronklike houer in 'n koel (5 - 30°C), droë plek, weg van voedsel, voer en saad.
- Met lugbespuiting moet bure in die onmiddellike omgewing waar bespuit gaan word verwittig word. Verhoed kontaminasie van waterbronne en hul aangrensende areas. Indien aanbevole dosis oorskry word, mag skade op gewas voorkom.
- Hoewel hierdie produk op 'n verteenwoordigende reeks ekonomies belangrike plantvariëteite onder 'n groot verskeidenheid grond- en klimaatstoestande getoets is, waarborg die registrasiehouer nie dat hierdie produk onder alle omstandighede doeltreffend en veilig op die gewas sal wees nie, omdat die uitwerking van die chemikalie deur faktore soos abnormale grond-, klimaats- en bergingstoestande sowel as metode en akkuraatheid van toediening beïnvloed word. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir gewasskade of vir ondoeltreffendheid as gevolg van 'n versuim om die etiketaanbevelings na te volg of as gevolg van die bestaan van toestande wat die registrasiehouer nie redelikerwys kon voorsien nie.
- Raadpleeg die verskaffer in die geval van enige onsekerheid met die gebruik van MONITOR 75 WG.

## **VOORSORGMAATREËLS**

- Moenie dampe of spuitnewel inasem nie.
- Dra beskermende klerasie (rubberhandskoene en oogbeskerming) gedurende vermenging van produk.
- In die geval van kontak met die vel of oë, was onmiddellik en deeglik met baie water, en in die geval van oë, verkry mediese aandag.
- Voorkom besoedeling van kos, voer, drinkwater en eetgerei.
- Voorkom besoedeling van nie-teikengebiede, vatbare of eetbare gewasse, weiding en enige ander areas aangesien dit ernstige gewasskade mag veroorsaak.
- Moenie koring wat onder enige stremming verkeer, met MONITOR 75 WG spuit nie.
- Verbruikers word teen die ontwikkeling van moontlike onkruidweerstand teen hierdie groep onkruiddoders (sulfonielureums) gewaarsku. Kontak die vervaardiger of verspreider in verband met 'n program om dit te voorkom.
- Was besoedelde klerasie en blootgestelde vel deeglik na bespuiting.
- Spoel spuittoerusting deeglik uit na gebruik.
- Vernietig die leë houer en moenie vir enige ander doel gebruik nie.

## GEBRUIKSAANWYSINGS

## GEBRUIK ALLEENLIK SOOS AANGEDUI

### Algemene inligting

- 'n Voorplant Roundup<sup>®</sup>-, Roundup CT<sup>®</sup>-, of Sting<sup>®</sup>-bespuiting teen die aanbevole dosis om ontslae te raak van ontkiemde onkruid en opslaggraan, is raadsaam voor die plant van koring.
- MONITOR 75 WG is 'n selektiewe na-opkomsonkruidodder wat die sintese van aminosure wat vir seldeling noodsaaklik is, verhoed. Simptome en die daaropvolgende beheer van onkruid mag stadig ontwikkel. Gevoelige onkruid sal nie na bespuiting met die gewas kompeteer nie.
- 'n Benattingsmiddel soos Agral 90, Bladwet 9 of Citowett teen 0,25% moet by die spuitwater bygevoeg word voordat die MONITOR 75 WG bygevoeg word.
- Spuit die mengsel so spoedig moontlik na vermenging.
- Moenie die spuitmengsel oornag laat staan nie.
- Koel, droë toestande mag onkruidbeheer verminder of vertraag.
- Moenie plante wat aan rypskade of enige ander stremming ly, spuit nie.
- MONITOR 75 WG mag nie saam met kunsmis toegedien word of 1 week voor of na kunsmistoediening gespuit word nie.
- Wisselvallige onkruidbeheer en/of hergroei kan voorkom as MONITOR 75 WG onder een of meer van die volgende toestande toegedien word:
  - ligte sanderige gronde,
  - grondoppervlakte met 'n hoë klipbedekking,
  - grond met 'n lae pH,
  - waar opvolgreën na toediening wegbly,
  - by 'n lae plantestand van koring,
  - waar dit op natgedoude plante toegedien word en afloop plaasvind.

### DOSIS

<b>MONITOR 75 WG - //ha</b>	<b>Onkruid wat beheer word</b>
40,0 g	<b>*Avena fatua - Gewone wildehawer</b> <i>Bromus diandrus</i> - Predikantsluis <i>Bromus pectinatus</i> - Hooigras <i>Hordeum murinum</i> - Wildegars <i>Ceniza turbinata</i> - Ganskos <i>Polygonum aviculare</i> - Voëlduisendknoop
30,0 g - 40,0 g (Gebruik die hoër dosis waar hoë onkruiddruk voorkom)	<i>Phalaris minor</i> - Kanariegras <i>Anagallis arvensis</i> - Pimpernel <i>Medicago polymorpha</i> - Klitsklawer <b>**Raphanus raphanistrum - Ramenas</b>
MONITOR 75 WG 40,0 g + Brominal Super of Buctril DS - 500ml/ha	<i>Arctotheca callendula</i> - Soetgousblom <i>Emex australis</i> - Kaapse dubbeltjie

\* **Sekere biotipes word wisselvallig of geensins deur Monitor 75 WG beheer nie a.g.v. onkruidodderweerstand.**

\*\* **Waar SU-weerstandbiedende Ramenas voorkom, moet 'n tenkmengsel met MCPA teen 0,5//ha gebruik word.**

Tenkmengsels met ander onkruidodders moet volgens etiketaanbevelings gedoen word.

**NOTA.** Opslag Cedarberg- en Potberg-hawer word nie voldoende deur MONITOR 75 WG beheer nie.

## **Grondtipe**

MONITOR 75 WG is 'n sistemiese onkruidodder wat op die blaar toegedien word met 'n beperkte grondnawerking en kan teen alle vatbare onkruid teen aanbevole dosisse op enige grondsoort toegedien word. (Sien "Voorsorgmaatreëls hierbo.) Die gebruik van MONITOR 75 WG op grond met 'n pH hoër as 7,0 en/of gronde wat vry kalk bevat, word nie aanbeveel nie aangesien dit die residuele werking kan verleng, wat die onthoudingsperiode van opvolggewasse mag verleng.

## **TOEDIENING**

Optimum onkruidbeheer word met Monitor 75 WG verkry wanneer met 'n trekker gemonteerde balkspuit teen 150 / - 300 / water / ha gespuit word.

## **Grondtoediening**

Monitor 75 WG kan met 'n trekker gemonteerde balkspuit teen 150 / - 300 / water / ha gespuit word. Spuittoerusting moet voor en na bespuiting skoongemaak word en moet gekalibreer word om die regte dosis toe te dien. Spuit teen 'n konstante spoed en druk om eenvormige bedekking te verseker. Voorkom oorvleueling tydens bespuiting asook oordosering. Kousbalk - nie minder as 75 // ha nie.

## **Lugbespuiting**

Monitor 75 WG kan met 'n vliegtuig teen 30 - 40 / water per ha toegedien word. Gebruik slegs 'n korrek-gekalibreerde vliegtuig wat 'n druppelgrootte van tussen 350 - 400 mikron lewer. Handhaaf spuitwydte soos per vliegtuigtipe. (3m bo gewas by 'n windspoed van 1 - 10 km/uur). Staak bespuiting wanneer windspoed 15 km/uur oorskry. Moenie op die hitte van die dag bespuit of wanneer die verskil tussen die nat- en droëbollesing op 'n swaai-higrometer 8 grade Celsius oorskry nie. Maak seker dat die loods bogenoemde vereistes nakom en verseker dat lande akkuraat gemerk is.

## **Bespuitingswater**

Gebruik alleenlik skoon water. Optimale onkruidbeheer sal by 'n water-pH van 6,8 - 7,0 verkry word. Indien 'n buffer gebruik word moet die pH-regstelling gedoen word vóór die byvoeging van Monitor 75 WG. Vermyn pH laer as 6 vir die finale oplossing. Ideale pH tussen 6 en 7.

## **Menginstruksies**

Maak die spuittenk driekwart vol met skoon water; voeg die gekose hoeveelheid

Agral 90, Bladwet 9 of Citowett by; voeg die verlangde hoeveelheid MONITOR 75 WG by; gevolg deur die bykomende plaagdoder; maak die tenk vol met skoon water. Verseker dat die mengsel gedurende vulling en tydens spuit deurgaans geroer word.

### **Onkruid-groeistadium**

Met die toediening van MONITOR 75 WG moet die onkruid tussen die 1- en 4-blaarstadium wees.

### **Skoonmaak van bespuitingsapparaat**

Na bespuiting is dit belangrik om die spuittenk en alle pype met 'n 0,1% kalsiumchloried- of ammoniumhidroksied-oplossing skoon te maak. Die oplossing moet vir 15 minute in die tenk en pype staan voordat dit uitgespoel word en dit word dan weer vir 15 minute herhaal met dieselfde oplossing. Daarna word die hele spuitsisteam met water uitgespoel. Spuitkoppe en filters moet individueel skoongemaak word. Spoelwater en die 0,1%-oplossing moet in 'n dreineringsdam of drein uitgespoel word waar dit nie enige waterbron kan besoedel nie.

### **WISSELBOUGEWASSE**

Na bespuiting met MONITOR 75 WG kan slegs koring binne die daaropvolgende 18 maande geplant word.

Die volgende handelsmerke en registrasies word kragtens Wet 36/1947 erken:

Monitor (L6003), Roundup (L0407), Sting (L3066) en Roundup CT (L4733) is handelsmerke van die Monsanto Maatskappy.

Agral 90 (L0033) is die handelsmerk van Syngenta AG, Basel, Switserland

Brominal Super (L5168), Buctril DS (L3350) en Aventis MCPA (L1404) is handelsmerke van Aventis Cropsience SA (Edms) Bpk

Citowett (L2986) is die handelsmerk van BASF, Suid-Afrika (Edms) Bpk

Bladwet 9 (L5597) is die handelsmerk van Plaaskem (Edms) Bpk

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## **WARNINGS**

- The product may cause skin and eye irritation.
- Store under lock and key, away from children, uninformed persons and animals.
- Store in original container, in a cool (5 - 30°C) dry place away from food, feed and seed.
- With aerial application notify inhabitants in the immediate vicinity of the area to be sprayed. Avoid contamination of water and adjacent areas. If the recommended dosage rate is exceeded, damage to the crop may occur.
- Although this product has been tested on a representative sample of economically important plant varieties under a large variety of soil and climatic conditions, the registration holder does not warrant that this product will be effective and safe to the crop under all conditions because action and effect of the chemical is affected by factors such as abnormal soil, climatic and storage conditions, as well as by the method and accuracy of application. The registration holder furthermore does not accept responsibility for either crop damage or non-performance due to failure to follow the label instructions or the occurrence of conditions which the registration holder could not reasonably have foreseen.
- Consult your supplier in the event of any uncertainty in the use of MONITOR 75 WG.

## **PRECAUTIONS**

- Do not breathe in fumes nor spray mist.
- Wear protective clothing (eye protection and gloves) when mixing product.
- In case of accidental contact with skin or eyes, wash immediately with plenty of water, and in the case of eyes, get medical attention.
- Prevent contamination of food, foodstuffs, drinking water and eating utensils.
- Prevent spray drift and/or contamination of non-target areas, susceptible or edible crops, grazing and any other areas as this may cause severe crop damage.
- Do not apply MONITOR 75 WG to wheat suffering from any stress.
- Users are cautioned against the possible development of resistance by certain weeds to this group of herbicides (sulfonyl ureas). Contact the manufacturer or supplier for advice on avoiding this.
- Wash protective clothing and exposed body parts thoroughly after spraying.
- Rinse spray equipment thoroughly after use.
- Destroy the empty container and never use the container for any other purpose.

## DIRECTIONS FOR USE

## USE ONLY AS DIRECTED

### General information

- A pre-plant spray of Roundup<sup>®</sup>, Roundup CT<sup>®</sup> or Sting<sup>®</sup> at recommended rates to control emerged weeds and volunteer cereals is advisable prior to planting wheat.
- MONITOR 75 WG is a selective foliar applied herbicide which inhibits the formation of amino acids that are essential for cell division. Symptoms and subsequent weed death may develop gradually. Susceptible weeds will not compete with the crop once sprayed and before death.
- A surfactant such as Agral 90, Bladwet 9 or Citowett surfactant must be added at the rate of 0,25% to the spray water before adding the MONITOR 75 WG.
- The spray solution must be sprayed immediately after mixing.
- Do not allow the spray mixture to stand overnight.
- Cold, dry conditions may reduce efficacy or retard weed control.
- Do not spray plants suffering from frost damage or any other stress.
- Do not mix MONITOR 75 WG with fertilizer nor spray MONITOR 75 WG within 1 week before or after fertilization.
- Variable weed control and/or re-growth may occur when MONITOR 75 WG is sprayed under the one or more of the following conditions:
  - on light sandy soils;
  - on stony soil surfaces;
  - on soils with a low pH;
  - where follow-up rain after application stays away;
  - where there is a low wheat plant population;
  - onto dew-covered leaves leading to run-off.

### DOSAGE RATES

<b>MONITOR 75 WG - /ha</b>	<b>Weed Species controlled</b>
40,0 g	<b>*Avena fatua - Common Wild oats</b> <i>Bromus diandrus</i> - Rippgut brome <i>Bromus pectinatus</i> - Japanese brome <i>Hordeum murinum</i> - Wild barley <i>Ceniza turbinata</i> - Mayweed <i>Polygonum aviculare</i> - Prostrate knotweed
30,0 g - 40,0 g (Use the higher dosage for severe weed infestation)	<i>Phalaris minor</i> - Canary grass <i>Anagallis arvensis</i> - Pimpernel <i>Medicago polymorpha</i> - Burclover <b>**Raphanus raphanistrum - Wild radish</b>
MONITOR 75 WG 40,0 g + Brominal Super or Buctril DS - 500ml/ha	<i>Arctotheca callendula</i> - Cape marigold <i>Emex australis</i> - Spiny emex

- \* Variable or no control of certain biotypes by Monitor 75 WG due to herbicide resistance.
- \*\* Use a tank mix of Monitor 75 WG and 0,5/ha MCPA where SU-resistant Wild radish occurs.

Apply tank mix herbicides according to label recommendations.

Note: Volunteer Cedarberg and Potberg oats will not be adequately controlled by Monitor 75 WG

## **Soil type**

MONITOR 75 WG is a systemic foliar applied herbicide with a limited residual effect in the soil and can be applied to susceptible weeds on all soil types at the recommended rates. (See "Precautions" above.) The use of MONITOR 75 WG on soils with a pH over 7,0 and/or with free lime, is not recommended due to the possibility that the residual effect can be extended and thus the withdrawal period for other rotation crops will be extended.

## **APPLICATION**

Optimum weed control with Monitor 75 WG is ensured by applying 150 / - 300 / water per hectare with a tractor-mounted boom sprayer.

### **Ground Application**

Monitor 75 WG can be sprayed with a tractor mounted boom sprayer calibrated to spray 150/ - 300/ water / ha. Ensure that equipment is cleaned before and after spraying and is correctly calibrated to give the desired dosage rate. Apply at a constant speed and pressure to ensure even distribution. Avoid overlapping at application and over application. With a funnel sprayer, do not apply less than 75 //ha.

### **Aerial Application**

Monitor 75 WG can be applied by aircraft using 30 - 40 / of water / ha. Only use a correctly calibrated aircraft which delivers a droplet spectrum of between 350 - 400 micron. Maintain swath widths as prescribed for each type of aircraft. Height above crop - 3 m above crop at wind speeds of 0 - 10 km/hour. Stop spraying when wind speed exceeds 15 km per hour. Do not spray during the heat of the day or when the difference between the wet and dry bulb reading on a whirling hygrometer exceeds 8 degrees Celsius. Ensure that the pilot adheres to the above and make sure that fields are accurately marked.

### **Spray Water**

Use only clean water. Optimum weed control will be obtained at a pH of 6.8 - 7.0. Where buffers are used, pH adjustment must be made prior to adding Monitor 75 WG. Avoid pH of less than 6 for final solution - ideal between pH 6 and 7.

### **Mixing Instructions**

Fill the spray tank to  $\frac{3}{4}$  full with clean water; add the required quantity of Agral 90, Baldwet 9 or Citowett; add the required quantity of MONITOR 75 WG; add the required quantity of complementary pesticide; fill the tank with clean water to the

desired volume. Agitate the mixture continuously during mixing and spraying.

### **Weed Growth Stage**

Apply MONITOR 75 WG when weeds are between 1 - 4 leaf stage.

### **Post-Spray Equipment Cleaning**

It is essential to rinse the spray tank and all hoses with a 0,1% solution of calcium chloride or ammonium hydroxide. Allow this solution to stand in the spray equipment for 15 minutes; empty the spray equipment; repeat the rinsing with a 0,1% solution of calcium chloride or ammonium hydroxide for 15 minutes; rinse all equipment with water. Nozzles and filters must be cleaned individually. Rinse water and solution should be drained in a cesspool or drain where it will not contaminate any water source.

### **ROTATION CROPS**

Do not plant crops other than wheat within 18 months of spraying MONITOR 75 WG.

The following trademarks and registrations are acknowledged under Act 36/1947:

Monitor 75 WG (L6003), Roundup (L0407), Sting (L3066) and Roundup CT (L4733) are trademarks of the Monsanto Company.

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