

# PARTNER 840 WG

HERBICIDE

A suspension concentrate herbicide for the control of broadleaf and annual grass weeds in the crops as indicated.

HRAC HERBICIDE GROUP CODE B2

Active ingredient

Diclosulam ( triazolopyrimidine sulfonanilide) ..... 840 g/kg

diclosulam ( triazolopyrimidine sulfonanilide)

REGISTRATION HOLDER:

DVA CHEMICALS SOUTH AFRICA  
(Reg. No./Nr 2006/000931/07)

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- Handle with care.
- Harmful if swallowed.
- May irritate the eyes.
- Store away from food and feeds.
- Store in a cool place.
- Keep out of reach of children, uninformed persons and animals.
- **RE-ENTRY INTERVAL:** Do not enter treated area until spray deposit has dried unless wearing protective clothing.

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 weeds 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 inhale the spray mist.  
Avoid skin and eye contact.  
Wear rubber gloves and face shield when handling the concentrate.  
Wash contaminated clothing after use.  
Wash with soap and water after use.  
Do not eat, drink or smoke whilst mixing or applying the product or before washing hands and face.  
Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.  
Clean all mixing and application equipment after use and before using with other products.

- Rinse and flush application equipment thoroughly with water.
- Rinse a second time using a 1% solution of household ammonia.
- Allow the solution to stand in the spray tank for several hours but preferably overnight.
- Rinse at least twice with clean water.
- Do not use the applicator for applying products other than herbicides.
- Dispose of wash water where it will not contaminate food, crops, grazing, rivers, dams or boreholes.

Prevent contamination of food, feed, drinking water and eating utensils.  
Rinse the empty container three times with a volume of clean water equal to a minimum of 10% of the container. Add the rinsings to the content of the spray tank.  
Destroy empty container and never use it for any other purpose.

#### RESISTANCE WARNINGS

For resistance management, **PARTNER 840 WG** is a group code B2 herbicide. Any weed population may contain individuals naturally resistant to **PARTNER 840 WG** and other group code B2 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **PARTNER 840 WG** or any other group code B2 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.
- Monitor each land on a seasonal basis to identify the development of resistance early.

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

DVA Chemicals South Africa (Pty) Ltd cannot accept liability for any losses that may result from the failure of **PARTNER 840 WG** to control resistant weeds.

#### RESTRICTIONS FOR USE

##### MAXIMUM RESIDUE LEVELS (MRL'S)

LOCAL MAXIMUM RESIDUE LEVELS (MRL'S) WILL NOT BE EXCEEDED IF TREATMENTS ARE APPLIED AS INSTRUCTED HEREIN. HOWEVER, IT IS IMPORTANT TO NOTE THAT IMPORT TOLERANCES OF OTHER COUNTRIES MIGHT POSSIBLY BE EXCEEDED. IF THE TREATED CROP WILL BE EXPORTED, FIRST CONSULT THE RELEVANT IMPORTER OR EXPORTING BODY REGARDING THE USE OF THIS PRODUCT, MRL'S AND RECOMMENDED WITHHOLDING PERIODS.

##### Minimum pre-plant intervals:

After a **PARTNER 840 WG** application, the following minimum pre-plant intervals\* for follow-up crops must be adhered to, in order to avoid injury to follow-up crops:  
(\* pre-plant interval = time period between the (last) application of **PARTNER 840 WG** and the anticipated date of planting of a follow-up crop).

Application treatment: <b>PARTNER 840 WG</b> Plus:	Follow up crop pre-plant interval (Months)				
	Soybeans	Ground nuts	Maize, Dry Beans, Grain Sorghum, Potatoes, Sunflowers	Wheat, Barley, Oats	All Other crops
Alachlor 384 EC	0	0	10	5	24
Acetochlor 900 EC	3				

#### IMPORTANT NOTES

- Above-mentioned waiting periods are valid only if:
- only a single **PARTNER 840 WG** application was applied per field per season.
  - the recommended dosage rate of **PARTNER 840 WG** in combination with complementary herbicide(s) was applied with regard to the soil (the recommended label rate must be regarded as the maximum rate of **PARTNER 840 WG** that can be applied per season).
  - normal or above average rainfall and/or irrigation occurred during and following the season in which the application was made.
  - this rain and/or irrigation in the period after application of **PARTNER 840 WG** and prior to planting of the follow crop was well-distributed and totalled more than 350 mm.
  - Always deep plough the field before a follow crop is planted.
  - Do not use **PARTNER 840 WG**:
    - on poorly drained soils or soils with a compaction layer. Water logging in the presence of herbicides could cause stand reduction and/or stunted growth, which may lead to yield reduction.
    - on soils with a pH (H<sup>2</sup>O) of 7 or more.
    - under conditions of heavy rain and/or irrigation on sandy or gravel soils.
    - under abnormally cold and / or abnormally wet conditions.

#### Planting depth:

The planting of crop seed other than the optimum as recommended by the ARC Grain Crops Institute may result in crop damage. Recommended planting depths are 50 to 75 mm for groundnuts and 20 to 60 mm for soybeans (depending on seedbed and soil conditions).

**PARTNER 840 WG** may not be applied through any type of irrigation system.

- Flood irrigation may result in reduced weed control.
- Do not apply **PARTNER 840 WG** tank-mixtures to inbred parent plants of crop cultivars as well as experimental or newly released cultivars, without first consulting the manufacturer, distributor or seed supplier in this regard.
- **PARTNER 840 WG** in a mixture with Alachlor 384 EC or Acetochlor 900 EC must be applied prior to crop emergence.
- Do not apply **PARTNER 840 WG** tank mixtures post-emergence to groundnuts or soybeans.

#### Compatibility:

- **PARTNER 840 WG** is compatible with ALACHLOR 384 EC and Acetochlor 900 EC.
- The compatibility of **PARTNER 840 WG** in a tank mixture with other products is influenced by the formulations of these products, as well as quality of the spray water. It is recommended that a physical compatibility test always be performed prior to application as the formulation of other products can be altered, and the quality of water can vary from area to area.
- When tank mixing other herbicides in combination with **PARTNER 840 WG** the warnings, precautions, use restrictions and directions for use on the labels of the herbicides concerned, must be fully adhered to.

#### Mixing Instructions:

Notes regarding the packaging of **PARTNER 840 WG**:

- **PARTNER 840 WG** is provided in water soluble sachets. Each single sachet contains 10 g of **PARTNER 840 WG**.
- Ten sachets are packed together in a zip-lock foil overpack to give 100 g **PARTNER 840 WG** per foil overpack. **Important Note: these foil packs only act as containers for the 10 g water soluble sachets and will NOT dissolve in water.**
- 10 x 100 g foil overpacks are packed together in a 1 kg container.
- Do not remove water-soluble sachets from overpack **except for immediate use.**
- **Do not handle the soluble sachets excessively or allow to contact water prior to use as this may cause rupturing.** Keep unused sachets in the zippered foil overpack.

#### APPLICATION INSTRUCTIONS

- **Ground application:**
  - It is important that tank mixtures are applied with accurately calibrated spray equipment that is in good working order. **PARTNER 840 WG** can be applied with standard medium or high volume spraying equipment, equipped with a good agitation system that can provide even distribution and sufficient coverage.
  - It is recommended to apply at a spray volume of 200 litres per hectare, using flat fan nozzles to obtain best results.
  - Ensure agitation of spray mixture during application.
  - Prepare a fine, even and firm seedbed, free of weeds, trash and clods.
  - Apply **PARTNER 840 WG** tank mixtures preferably at planting or immediately after planting, but not later than three (3) three days after planting. Use 200 litres spray mixture per hectare, for overall ground application, and 30 to 40 litres per hectare for aerial application.
  - **PARTNER 840 WG** can also be shallowly incorporated early in the season, to improve reliability of weed control.
  - **10 to 20 mm rain within 7 to 10 days after application is necessary for good results.**
  - Under dry conditions, weed seedlings may emerge. These are usually stunted and can be controlled with a shallow cultivation, which also mixes the herbicide with the top 10 to 20 mm of soil.
  - If soil crusting becomes a problem, rotary harrow in the same direction that the rows are planted, to assist crop germination.
  - Harrowing after application may reduce weed control, if untreated soil is thrown into deep planter furrows.
  - Ensure that sufficient fertilizer is placed near the seed at planting, to promote vigorous seedling growth.

#### APPLICATION RATES:

##### A. GROUNDNUTS (Pre-emergence):

% CLAY	PARTNER 840 WG(g/ha)	PLUS ACETOCHLOR 900 EC(mt /ha)
0 - 10	10	750
11 - 20	15	1000
21 - 30	20	1000 - 1500

##### B. SOYBEANS (Pre-emergence):

% CLAY	PARTNER 840 WG (g/ha)	PLUS ALACHLOR 384 EC (t /ha)	OR PLUS ALACHLOR 480 CS (t /ha)
0 - 10	10	4,0	3,2
11 - 20	15	4,0 - 4,5	3,2 - 3,6
21 - 30	20	4,5 - 5,0	3,6 - 4,0
31-40	25	5,0	4,0
>40	30	5,0	4,0

#### WEEDS CONTROLLED

The following weed species in LIST A are normally controlled by pre-emergence applications of **PARTNER 840 WG** in a mixture with ALACHLOR 384 EC or ACETOCHLOR 900 EC at the dosage rates indicated below:

##### LIST A:

Broadleaved weeds:	
<i>Amaranthus hybridus</i>	common pigweed
<i>Chenopodium album</i>	white goosefoot
<i>Chenopodium carinatum</i>	green goosefoot
<i>Cleome gynandra</i>	spider wisp
<i>Cleome monophylla</i>	spindlepod
<i>Galinsoga parviflora</i>	gallant soldier
<i>Schkuria pinnata</i>	dwarf marigold
<i>Tribulus terrestris</i>	dubbeltjie
Annual grasses:	
<i>Brachiaria eruciformis</i>	sweet signal grass
<i>Chloris virgata</i>	feathertop Chloris
<i>Digitaria sanguinalis</i>	crab finger grass
<i>Echinochloa crus-galli</i>	barnyard grass
<i>Eleusine indica</i>	goose grass
<i>Panicum schinzii</i>	sweet buffalo grass
<i>Panicum maximum</i>	common buffalo grass
<i>Setaria pallide-fusca</i>	red bristle grass
<i>Setaria verticillata</i>	sticky bristle grass
<i>Tragus racemosus</i>	large carrotseed grass
<i>Urochloa panicoides</i>	herringbone grass

Control of the following weeds in LIST B is variable following pre-emergence applications of **PARTNER 840 WG** in a mixture with ALACHLOR 384 EC or ACETOCHLOR 900 EC at the dosage rates indicated below:

##### LIST B:

<i>Commelina benghalensis</i>	Bengal wandering jew
<i>Crotalaria sphaerocarpa</i>	mealie Crotalaria
<i>Cyperus esculentus</i>	yellow nutsedge
<i>Datura ferox</i>	large thorn apple
<i>Datura stramonium</i>	common thorn apple
<i>Gisekia pharnacoides</i>	Gisekia
<i>Hibiscus trionum</i>	Bladderweed
<i>Ipomoea purpurea</i>	Common morning glory
<i>Portulaca oleraceae</i>	purslane
<i>Tagetes minuta</i>	khaki weed
<i>Xanthium strumarium</i>	cocklebur

**NOTE: PARTNER 840 WG** mixtures control certain annual grasses and numerous broadleaf weeds as detailed in Lists A and B above. Other annual weeds that were not present during the development trials with the products may also be controlled to a certain degree. The registration holder does not accept any responsibility for unlisted weeds.

Batch No.

Date of manufacture.



CAUTION  
VERSIGTIG

