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# Focus® Ultra

**A selective, emulsifiable systemic herbicide for the post-emergence control of certain grasses in beans, groundnuts, peas, potatoes, soybeans, tomatoes and tobacco.**

GROUP

A

HERBICIDE

**Active ingredients:**

**Cycloxydim 100g/L**

**HAZARD STATEMENT**

Causes skin irritation.

Causes serious eye irritation.

Harmful to aquatic life.

Toxic to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS**

Avoid breathing mist

Wash contaminated body parts thoroughly after handling

Wear protective gloves/clothing/eye protection

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**ZEMA PRODUCT NUMBER: .**



® = Registered trademark of BASF

81142111 ZM 2030



**NET VOLUME: 5 L**



**WARNING**



## READ THE LABEL BEFORE USING THE PRODUCT

**WARRANTY:** Although this remedy has been 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 climatic- and storage conditions; quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the disease, weed or pest, 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 the failure of the user to follow the label instructions or the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

### WARNINGS:

- Causes serious eye irritation.
- Causes skin irritation.
- May be fatal if swallowed and enters airways
- May cause drowsiness or dizziness.
- Suspected of affecting unborn child.
- Toxic to aquatic life with long lasting effects.
- To avoid risks to human health and the environment, comply with the instructions for use.

### ALLOW THE FOLLOWING NUMBER OF DAYS BETWEEN APPLICATION AND HARVEST OR GRAZING:

| Crop                         | Number of days |
|------------------------------|----------------|
| Dry beans, Green beans, Peas | 30             |
| Groundnuts, Soyabeans        | 30             |
| Tobacco, Tomatoes, Potatoes  | 50             |

### PRECAUTIONS:

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Avoid breathing mist.
- Wash contaminated body parts thoroughly after handling.

- Use only outdoors or in well-ventilated areas.
- Wear appropriate protective equipment (gloves/clothing/eye protection).
- Collect any spillage and dispose safely.
- Take off contaminated clothing and wash before reuse.
- Store in a well-ventilated place. Keep container tightly closed. Store locked up.
- Dispose of contents/container to hazardous or special waste collection point.
- Do not eat, drink or smoke while using and before washing hands and face or change of clothing.
- Prevent spray drift onto other susceptible crops, pastures, rivers, dams or other water sources.
- Wash out applicator with clean water before using with other remedies.
- Triple rinse empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the 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 in the prescribed manner.
- Destroy empty container by perforating and flattening and do not re-use for any other purpose.
- Prevent contamination of food, feed, drinking water and eating utensils.

#### **AERIAL APPLICATION:**

Notify and warn all inhabitants in the immediate area of the intended application and issue the necessary warnings.

#### **SYMPTOMS OF POISONING:**

May cause drowsiness or dizziness.

#### **FIRST AID MEASURES**

First aid personnel should pay attention to their own safety.

If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position).

Immediately remove contaminated clothing.

**If Inhaled:** Keep patient calm, remove to fresh air and seek medical attention.

**On skin contact:** Immediately wash thoroughly with soap and water, seek medical attention.

**On contact with eyes:** Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

**On ingestion:** Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Do not induce vomiting due to aspiration hazard.

**Note to physician:** Treat according to symptoms (decontamination, vital functions), no known specific antidote.

## **DIRECTIONS FOR USE: USE ONLY AS DIRECTED**

### **COMPATIBILITY:**

It is recommended that the compatibility of Focus® Ultra with other herbicides, fungicides, insecticides and acaricides, have to be tested on a small scale, before it is used in spray mixtures.

### **MIXING INSTRUCTIONS:**

Half fill the tank with clean water. Measure the required quantity of Focus® Ultra and pre-mix this with at least 10 l water. Add this mixture to the water in the spray tank while agitating the mixture. Fill the spray tank with water while maintaining agitation to ensure thorough mixing of the spray mixture before spraying commences. Maintain agitation during the whole spraying operation. When Focus® Ultra is tank mixed with other products, then whichever product(s) being used should be added to the water first, with Focus® Ultra being added later, just before the tank is topped up to reach the required volume. Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

### **ACIDITY OF SPRAY MIXTURES:**

Focus® Ultra normally performs better when applied in a slightly acid spray mixture with a pH of about 4–5. It is therefore advisable to add a pH-buffer solution, to the mixture in cases where the pH of the spraying water is higher than the indicated optimum value. All spray applications must be made with suitable equipment that is in good working order and correctly calibrated to give the desired coverage for that particular method of application.

### **APPLICATION INSTRUCTIONS:**

#### **Ground application**

Apply Focus® Ultra in 200–300L water/ha. Use flat fan, hollow cone- or full cone nozzles. Ensure that the sprayer is correctly calibrated and that the spray mixture is evenly distributed over the target area.

#### **Aerial application**

Notify and warn all inhabitants in the immediate area of the intended application and issue the necessary warnings.

Do not spray over adjacent areas or water or permit spray to drift there.

Aerial application of Focus® Ultra must only be done by a registered aerial application operator using a correctly calibrated, registered. Ensure that the spray mixture is distributed evenly over the target area and that drift during application is restricted to a minimum. It is therefore essential that the following criteria be met:

- **Volume:** A spray mixture volume of 30L/ha is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee

efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended 30L/ha.

- **Droplet coverage:** 35 – 45 droplets per cm<sup>2</sup> must be recovered at the target area.
- **Droplet size:** The recommended droplet spectrum is VMD of 300 – 350 micron. Use suitable atomising equipment that will produce the desired droplet size and coverage, but which. Limit the production of fine droplets and ensure drift is kept to a minimum
- **Flying height:** Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when the aircraft is in a dive, is in a climb or when banking.

It is recommended to increase the application rate indicated for ground equipment by 10%.

### APPLICATION TIMING:

Focus® Ultra can be applied over the top at any stage of the crop, provided that safety periods as indicated under WARNINGS are adhered to. Ensure that the grass weeds are not beyond the growth stage as indicated in the APPLICATION TABLE.

### ROW- AND SPOT TREATMENTS:

Focus® Ultra can also be applied as a row treatment in which case the dosage rate and spray volume per ha should be adapted accordingly. In cases where only patches in the field are infested with grass weeds, it is recommended to apply Focus® Ultra as a spot treatment with a knapsack sprayer as a 2% Focus® Ultra solution (200ml Focus® Ultra /10L water).

### APPLICATION RATES AND LIST OF WEEDS CONTROLLED BY FOCUS® ULTRA

| WEEDS CONTROLLED at indicated rates |                       | Focus® Ultra L/ha      |                   |
|-------------------------------------|-----------------------|------------------------|-------------------|
|                                     |                       | before tillering stage | Tillering-heading |
| <i>Digitaria ciliaris</i>           | Tropical finger-grass | 1.0                    | 1.6               |
| <i>Digitaria sanguinalis</i>        | Crab finger-grass     | 1.0                    | 1.6               |
| <i>Eleusine indica</i>              | Goose grass           | 1.0                    |                   |
| <i>Eragrostis virescens</i>         | Chilian love grass    | 1.0                    |                   |
| <i>Paspalum paspalodes</i>          | Knot grass            | 1.0                    | 2.0               |
| <i>Panicum schinzii</i>             | Sweet buffalo grass   | 1.0                    |                   |
| <i>Urochloa panicoides</i>          | Herringbone grass     | 1.0                    | 1.0               |
| <i>Avena fatua</i>                  | Wild oats             | 1.0                    |                   |
| <i>Avena sativa</i>                 | Volunteer oats        | 1.0                    | 1.6               |
| <i>Bromus diandrus</i>              | Ripgut brome          | 1.0                    | 2.0               |
| <i>Bromus unioloides</i>            | Rescue grass          | 1.0                    | 2.0               |
| <i>Dactyloctenium aegyptium</i>     | Crowfoot              | 1.0                    | 1.6               |

|                                     |                         |     |     |
|-------------------------------------|-------------------------|-----|-----|
| <i>Eragrostis aspera</i>            | Rough Love grass        | 1.0 | 2.0 |
| <i>Eragrostis pilosa</i>            | Slender meadow grass    | 1.0 |     |
| <i>Eragrostis superba</i>           | Flat-seed Love grass    | 1.0 |     |
| <i>Hordium capense</i>              | Wild barley             | 1.0 |     |
| <i>Panicum virgatum</i>             | Switch grass            | 1.0 | 3.0 |
| <i>Phalaris canariensis</i>         | Canary grass            | 1.0 |     |
| <i>Lolium multiflorum</i>           | Italian ryegrass        | 1.0 |     |
| <i>Lolium temulentum</i>            | Darnel                  | 1.0 | 2.0 |
| <i>Sorghum sudanense</i>            | Chicken Corn            | 1.0 |     |
| <i>Tragus racemosus</i>             | Large carrot seed grass | 1.0 |     |
| <i>Triticum aestivum</i>            | Volunteer wheat         | 1.2 | 3.0 |
| <i>Chloris virgata</i>              | Feathertop-Chloris      | 1.2 |     |
| <i>Panicum maximum</i>              | Common buffalo grass    | 1.2 |     |
| <i>Paspalum dilatatum</i>           | Common paspalum         | 2.0 | 4.0 |
| <i>Panicum stapfianum</i>           |                         | 1.2 |     |
| <i>Rottboellia Conchinchinensis</i> | Mulungwe                | 1.2 | 1.6 |
| <i>Setaria verticillata</i>         | Sticky bristle grass    | 1.2 | 1.6 |
| <i>Zea mays</i>                     | Volunteer maize         | 1.2 |     |
| <i>Brachiaria eruciformis</i>       | Sweet signal-grass      | 1.6 |     |
| <i>Cynodon dactylon</i>             | Common couch            | 2.0 | 4.0 |
| <i>Paspalum dilatatum</i>           | Common paspalum         | 2.0 | 4.0 |
| <i>Sorghum bicolor</i>              | Common wild sorghum     | 2.0 | 4.0 |

**Spot treatments:** 200 ml Focus® Ultra in 10L water.

#### USE RESTRICTIONS:

- Apply Focus® Ultra only on actively growing grass weeds.
- Allow at least 3 days between a Focus® Ultra application and any other herbicide treatment.

#### FOLLOW UP CROPS:

In cases where follow-up crops are to be planted after Focus® Ultra has been applied, the following safety period should be allowed between application and planting:

- Broadleaf crops: can be planted any time.
- Grain- and grass crops: 3 weeks.

**RAIN FAST PERIOD:**

Rain or irrigation within one hour after application of Focus® Ultra may necessitate a second spray. Ensure that cover of the weeds by the crop does not restrict the application of Focus® Ultra onto the weeds.