

# SERVIAN® 75 WG

Selective early post-emergence herbicide for control of nutsedge (Cyperus sp) and certain broad leaf weeds in barley, wheat, maize and sugarcane.

Water Dispersible granules  
REGISTRATION NO. PCPB (T) 0124  
GUARANTEE: Halosulfuron 750 g/lit.

## COMMERCIAL AND AGRICULTURAL CLASS

KEEP LOCKED OUT OF REACH OF CHILDREN

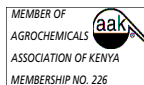
READ LABEL AND ATTACHED PACKAGING LEAFLET BEFORE USING

**Shelf Life:** At least 2 years from date of manufacture in original unopened containers, stored in a cool dry well ventilated place.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use or store a pest control product under unsafe conditions.

® = registered trademark of a Syngenta Group Company  
Manufactured by: Syngenta Crop Protection AG, Basle, Switzerland

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syngenta

Colour band: GREEN



- Quarter to half fill the spray tank with water
- Start the agitation
- Add the appropriate amount of surfactant/adjuvant, e.g., COMPLEMENT
- Add the required quantity of SERVIAN® water soluble bags directly to the tank without prior creaming
- Continue agitation while topping up the tank with water and while spraying
- Use SERVIAN® spray preparations within 24 hours as the effectiveness may be reduced due to product degradation. Thoroughly re-agitate before re-using.

## APPLICATION RATES

### Ground Application

SERVIAN® can be applied with any medium or high volume sprayer equipped with an efficient agitation mechanism and which is capable of adequate coverage and even distribution. Best results are obtained using flat fan nozzles and applying a minimum spray volume of 200-400 lt./ha of water.

**Please note:** For effective control of the nutsedge a penetrant wetter, e.g. COMPLEMENT, must be applied at the rate of 0.5%v/v (0.5 lt./ha) to the spray mixture.

Apply SERVIAN® alone or in a mixture 3-5 weeks after planting of the crop – when the weeds are actively growing 2-4 leaf stage. Poor control is obtained when application is done after the nutsedge has flowered.

Two applications of SERVIAN® may be necessary to control late germinating nutsedge

### Use Restrictions

1. Do not apply SERVIAN® to crops which are stressed by severe weather conditions, drought, water logging, disease or insect damage.
2. Do not use SERVIAN® on soils where the pH (H<sub>2</sub>O) is equal or greater than 7 and/ or soils containing free lime, as the residual activity may be extended and crop rotation options adversely affected beyond normal intervals
3. The efficacy of SERVIAN® may be affected by the quality of application water. If the sum total of calcium and magnesium in the water exceeds 150 ppm, ammonium sulphate must be added at 500-g/100 lt.

### Minimum Re-cropping intervals

Other crops may be very sensitive to low concentrations of SERVIAN®. Therefore careful consideration should be given to crop rotation plans prior to using SERVIAN®. The minimum re-cropping interval is the time between the last application of SERVIAN® and the anticipated date of planting a subsequent crop.

To avoid injury to subsequent crops, the following re-cropping intervals should be observed:

- Wheat, barley, maize, sorghum, avocados, mangoes – 1 month
- Dry beans – 3 months
- Potatoes – 6 months
- Sunflower – 13 months

For all other crops a replanting interval of at least 24 months must be observed preceded by a test planting.

**Important:** The above mentioned waiting periods are valid only if the correct dosage rate of SERVIAN® was applied on soil with a pH (H<sub>2</sub>O) of less than 7 and normal or above average rainfall fell during and following the season in which the application was made.

**Sprayer clean-up:** To avoid injury to other crops, immediately after spraying thoroughly remove all traces of SERVIAN® from the mixing and spray equipment

## Weed Spectrum

The following weed species are normally controlled by SERVIAN® at the dosage rates recommended below:

Bidens pilosa black jack Cleome monophylla  
spindlepod

Cyperus esculentus yellow nutsedge Cyperus rotundus purple  
nutsedge

Galinsoga parviflora gallant soldier Tagetes minuta  
Mexican marigold

**PLEASE NOTE:** Pre-emergence application - SERVIAN® does not control Cyperus spp. when applied pre-emergence. Under these conditions a second application may be necessary before the crop canopies.

SERVIAN® has only a limited dicot activity and must be tank mixed with other dicot herbicides for a complete dicot spectrum. SERVIAN® has no activity on grasses.

## Directions for use – Use only as directed

To avoid risks to man and the environment, comply with the instructions for use.

SERVIAN® rapidly inhibits growth of susceptible weeds. However, visible symptoms of dying weeds may not be noticeable for 1 to 3 weeks after application depending on growing conditions and weed susceptibility. Rainfall within 6 hours after a SERVIAN® application may reduce weed control. If a SERVIAN® application is followed by a dry period and then a wet period later in the season, re-growth of nut sedge may occur.

## Compatibility

The compatibility of SERVIAN® with other products may be influenced by the formulation of the products involved as well as the quality of the water. Since the formulation of other products may change without the knowledge of SYNGENTA and the quality of water may vary from farm to farm, a physical compatibility test should always be carried out prior to application. SERVIAN® is compatible with ARTEA® 330 EC, TILT® 250 EC, KARATE® 1.75 EC and dimethoate.

## Mixing Instructions

SERVIAN® mixes easily with water, provided the following mixing procedures are observed:

## Hazards and Precautions

**Precautionary measures:** KEEP LOCKED UP OUT OF REACH OF CHILDREN and other unauthorised persons and animals.

### Operator safety

AVOID getting product in contact with eyes, skin, or clothes. DO NOT breathe vapour or spray mist. DO NOT eat, drink or smoke while handling the product and wash hands and face thoroughly before doing so. If poisoning is suspected, call a physician immediately. Wear overalls, hat or cap, face shield, gumboots, and gloves, when handling the product. Wash off accidental splashes of concentrate and spray mixture from skin and working clothes immediately. After work, change clothes and thoroughly wash entire body, including hair. Launder contaminated working clothes before re-use.

**FIRST AID INSTRUCTIONS**

If poisoning is suspected stop work immediately and call a physician. Move the patient away from further contact with the pesticide and place him in a well-ventilated area. Strip off all clothing and wash entire body including hair with soap and water. Rinse eyes with abundant fresh and clean water (for at least 15 minutes). Administer a large quantity of activated medical charcoal. Never give anything by mouth to an unconscious person. In cases of severe discomfort, take patient to a doctor.

**TOXICOLOGICAL INFORMATION**

No case of human poisoning is on record.

Antidote: No specific antidote is known. Apply symptomatic therapy.

WHO Class III: unlikely to cause hazard in normal use.

**Storage;** Store in a cool and dry place in original sealed container, away from food and feed and the access of unauthorized persons, children, and animals. Avoid storage above +35°C.

**Product and Container Disposal**

Dispose of surplus product on a landfill site approved for pesticides or bury in a safe place away from water sources. Dilute surplus spray mixture with plenty of water and pour it broadcast on non-crop area (fallow land). Empty containers should be burned. Do not contaminate water sources by disposal of wastes. Do not re-use empty containers for any other purpose, especially for food and feed or storing drinking water.

**Spillage and Leakage**

Remove heavily contaminated soil layer and bury in a safe place away from water sources. Spillages: soak up with sand, sawdust, soil or an oil-binding agent. Collect up the contaminated material thoroughly and bury in a safe place or put in a waste bin or a plastic bag, mark it and dispose of on a landfill site approved for pesticides. Treat spill areas with plenty of water.

**Environment and Wildlife**

Toxic to fish. May be harmful to fish. DO NOT contaminate water used for irrigation or domestic purposes and water sources, such as ponds, ditches, lakes, drainage systems, etc., by disposal of product waste. Newly treated areas must not be grazed and all livestock is to be kept out.

**Notice to User**

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**User's Risk**

Seller's guarantee is limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition. The manufacturer warrants the quality of their products provided they are obtained in original sealed packages. The manufacturers decline responsibility for damage resulting from faulty storage or application of their products or from failure to observe recommendations. Resistant strains of weeds may develop or may exist against which herbicides may be less effective. Since the occurrence of such strains cannot be forecast, neither the manufacturer nor its distributors can assume responsibility for any loss or damage caused by failure to control resistant weeds. Numerous and various factors, particularly those depending on the site, such as the nature of the soil, plant varieties, and weather conditions, can result either in the product not having all the required efficacy or in damage to treated crops. The user assumes liability for risks of this type.

**Before using this product, please read attached label and leaflet.**

**Use Pesticides Safely**

ARTEA® 330 EC, TILT® 250 EC, KARATE® 1.75 EC are registered trademarks of a Syngenta Group Company

**Manufacturer:** Syngenta Crop Protection AG, Basle, Switzerland