

**A WATER SOLUBLE SOLUTION CONTACT HERBICIDE FOR THE POST-
EMERGENCE CONTROL OF CERTAIN BROADLEAF WEEDS AND YELLOW
NUTSEDGE IN BEANS, GROUNDNUTS, SOYABEANS, PEAS, MAIZE, SORGHUM,
WHEAT, BARLEY, SUGARCANE AND LAWNS.**

Application

1. Apply **BASAGRAN®** early post-emergence when weeds are young (2-4 leaf stage) and growing actively.
2. **BASAGRAN®** is a contact herbicide; therefore thorough wetting of the weeds is essential. Basagran has no residual action on the soil and will not control weeds, nutsedge, tubers, which have not germinated at the time of spraying, therefore late germinating weeds require re-spraying.
3. Rainfall or overhead irrigation within 8 hours after application may nullify the effect of **BASAGRAN®**.
4. Apply **BASAGRAN®** in a minimum of 300L water per hectare using hollow cone or flat fan nozzles with a minimum spray pressure of 350 kPa.
5. Warm and humid weather conditions are necessary for good weed control. Drought conditions before, during and after application will result in poor weed control.

Yellow nutsedge control

- Control of yellow nutsedge (*Cyperus esculentus*) can only be achieved if favourable conditions prevail before and during the time of spraying, i.e. warm, humid weather (relative humidity not under 65%) and adequate soil moisture for optimum plant growth.
- The majority of yellow nutsedge plants should be beyond the 4-leaf stage at the time of spraying.
- A minimum rate of 3L **BASAGRAN®**/ ha should be sprayed in not less than 300L water. On dense stands of nutsedge in maize, grain sorghum, and groundnuts (not soyabeans and peas), the rate of **BASAGRAN®** must be increased to 4L/ha and in extreme cases to 5L/ha and 500L/ ha water must be used. Under these conditions, the use of hollow cone nozzles and a spray pressure of 500 kPa is recommended and the addition of a surfactant/sticker is advisable.

The duration of control obtained is dependent on the state of germination of yellow nutsedge and on the conditions prevailing before, during and after the spray operation, as described above.

A second application of BASAGRAN® will be necessary if regrowth (second flush) of yellow nutsedge occurs.

Spot treatments can be carried out with a mixture of 1L **BASAGRAN®** in 100L water (1%) if conditions are favourable, as described above. Ensure thorough wetting of plants, but do not exceed the dosage rate per area, as recommended in the **APPLICATION TABLES**.

Under less favourable conditions yellow nutsedge will only be suppressed and re-growth might occur. In this case a second application of **BASAGRAN®** at 7–10 days after the first application may be necessary. Under these conditions the addition of a surfactant/sticker*, is advisable.

***Use of a surfactant / sticker – these are the only conditions where use of a surfactant/sticker is necessary. Under no conditions should a surfactant/sticker be added to Basagran for application to soybeans, peas or sorghum.**

WEEDS CONTROLLED BY BASAGRAN

BOTANICAL NAME	COMMON NAME	LEAF STAGE
<i>Acanthospermum hispidum</i>	Upright starbur	8
<i>Argemone subfusiformis</i>	Mexican poppy	6
<i>Bidens pilosa</i>	Common blackjack	6
<i>Chenopodium album</i>	White goosefoot	4
<i>Cleome monophylla</i>	Single-leaved cleome	6
<i>Commelina benghalensis</i>	Wondering Jew	4
<i>Datura stramonium</i>	Common thorn apple	8
<i>Datura ferox</i>	Large thorn apple	8
<i>Galinsoga parviflora</i>	Small-flowered quickweed	6
<i>Hibiscus trionum</i>	Bladder hibiscus	6
<i>Ipomoea purpurea</i>	Morning glory	4
<i>Nicandra physaloides</i>	Apple of Peru	6
<i>Portulaca oleracea</i>	Common purslane	6
<i>Raphanus raphanistrum</i>	Wild radish	6
<i>Richardia brasiliensis</i>	Mexican richardia	2
<i>Schkuhria pinnata</i>	Dwarf marigold	4
<i>Senecio consanguineous</i>	Rag wort	6
<i>Sida spinosa</i>	Sida	6
<i>Tagetes minuta</i>	Tall khaki weed	6
<i>Tribulus terrestris</i>	Common dubbeltjie	6
<i>Xanthium strumarium</i>	Large cockle bur	6

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