

Authority 480 SC

(Registration No. 12-C-143-9 / TRB Cert No. 15-18-C-54)

A PRE EMERGENCE HERBICIDE FOR THE CONTROL OF CERTAIN BROAD LEAF WEEDS AND YELLOW AND PURPLE NUTSEDGE IN SOYABEANS, SUGARCANE AND TOBACCO.

AUTHORITY 480 SC should be applied uniformly over a good tilth before any weeds emerge using a sprayer with a flat fan **nozzles** in 200 litres of water per hectare. Rainfall (or irrigation) of at least 25mm is required to activate the herbicide.

TOBACCO

- Use only strong, well-grown, well- hardened seedlings and deep setting of the transplants.
- Ensure the AUTHORITY 480SC is applied onto a well tilled, firm and level bed free of depressions around the plant stations.
- Conditions that weaken transplants i.e. unfavourable soil pH, poor agronomic practices, excessive moisture, drought, disease will make the transplants more susceptible to herbicide damage.
- AUTHORITY 480SC should be applied within 4 days of transplanting onto a good weed-free tilth.
- Nozzles should be mounted over the inter row and direct the spray to include the top of the ridge and the base of the plants on either side so as to avoid contact with the growing point (heart) of the tobacco plants.
- Do not exceed 1.5 bars of spray pressure over tobacco
- Do not incorporate the AUTHORITY 480SC deeper than 5cms into the soil solution either by irrigation or mechanical means. Do not apply more than 25 mm of irrigation within the first week of application.
- Do not perform tillage operations that can concentrate AUTHORITY 480SC into the bed as crop injury may result.
- Temporary stunting of the tobacco may occur if the seedlings are set too shallowly, or if heavy rain or too much irrigation immediately follows planting.

% Clay

0-20%
> 20%

Application rate l/ha

425 - 470 ml/ha
520 - 550 ml/ha

SOYABEANS

Ensure the soyabean seed is planted at least 3.5-4 cm deep and avoid leaving furrows in the row after planting.

Apply AUTHORITY 480SC after planting before the soyabeans and the weeds germinate.

% Clay

0-15

15-35%

>35%

Application ml/ha

Not recommended

700 ml/ha

780 ml/ha

SUGARCANE

Apply AUTHORITY 480SC as an overall spray in plant cane and as a directed inter row spray in ratoon cane directly after planting or cutting and before emergence of newly planted or ratoon sugarcane.

Refer to label for full directions.

WEEDS CONTROLLED BY AUTHORITY 480SC

SEDGES

Cyperus esculentus
Cyperus rotundus

BROADLEAF WEEDS

Acanthospermum hispidum
Ageratum conyzoides
Amaranthus spp.
Chenopodium album
Commelina benghalensis
Conyza floribunda
Datura spp.
Galinsoga parviflora
Ipomea purpurea
Nicandra physaloides
Portulaca oleracea
Physalis angulata
Richardia scabra
Solanum nigrum
Tagetes minuta

GRASSES

Eleusine corocana
Setaria verticillata
Digitaria sanguinalis
Paspalum dilatatum
Sorghum bicolor
Panicum maximum (from seed only)

Registered by: **Pivotal Agro-Services**

Contact: Pivotal Agro-Services for further information

Tel: (04) 309800 / 25

Cell: Robert Mazuru / Craig Chittenden – 0712 204 946 / 7

Email: mazuru@pivotalagro.com / craig@pivotalagro.com

Manufactured by: **FMC** Corporation, USA