

FACT SHEET: WEED CONTROL

Sugar research capacity building and provision of adequate supplies of good quality seed cane project is funded by the European Union

WEED MANAGEMENT AFTER PLANTING

PRE-EMERGENCE SPRAYING & EARLY POST EMERGENCE SPRAYING

WHAT IS PRE-EMERGENCE SPRAYING?

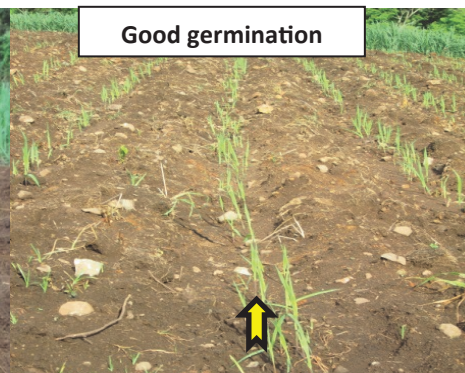
SPRAYING OF RESIDUAL WEEDICIDES WITHIN 3-5 DAYS AFTER PLANTING



Note!! Soil must be moist at the time of spraying and rainfall soon after spraying improves the efficiency of the weedicide



PRE-EMERGENCE SPRAYING



RESULTS OF PRE-EMERGENCE APPLICATION

WHAT DOES RESIDUAL WEEDICIDE DO?

DESTROYS ROOTS OF WEEDS SEEDS AS SOON AS IT GERMINATES

RESIDUAL WEEDICIDE AVAILABLE ARE

- DIURON
- VELPAR

RATE OF DIURON OR VELPAR IS 4-5 KG/HA

WEEDICIDE EFFECTIVENESS 4-5 WEEKS

CANE SHOULD GERMINATE IN 4 WEEKS



CHOICE OF PRE-EMERGENCE & IMPORTANT POINTS TO NOTE

The choice of pre-emergence to use depends on weeds growing on field during fallow period. If there are mainly grasses, then diuron can be used and if there is combination of grasses with broadleaf weeds and creepers, then Valpar can be used. The correct measurement will ensure effective control. Weedicides are more effective when weeds are in 3 -4 leaf stage and spraying can be done easily.

FARMING IS A BUSINESS !!!!!

GOOD ESTABLISHMENT IS THE FOUNDATION TO IMPROVED PRODUCTION
IF YOU CAN GET 10 STALKS OF CANE PER METER THEN YOUR YIELD WILL BE 73TONNES/HA OR 29TONNES/ACRE



AMOUNT OF WEEDICIDE TO USE PER ACRE OR HECTARE & NUMBER OF KNAPSACKS

Weedicide	Rate of weedicide per		Amount to put in knapsack	
	hectare	acre	15 litre	20 litre
Diuron 80	5 kg	2 kg	250 gms	333 gms
Diuron 90	4 kg	1.6 kg	200 gms	266 gms
Velpar	4 kg	1.6 kg	200 gms	266 gms
Velpar	4 kg	1.6 kg	200 gms	266 gms
2-4-D Amine	4 L	1.6 L	200 mls	266 mls
Glyphosate	4 L	1.6 L	200 mls	266 mls
Sticker			15 ml	20 ml

Knapsack capacity litres	Number of knapsacks per	
	acre	hectare
15	8	20
20	6	15

TICKING THE BOXES

USE QUALITY SEEDCANE	✓	TO GET GOOD GERMINATION
PRACTICE PRE-EMERGENCE	✓	TO GET GOOD ESTABLISHMENT
USE RECOMMENDED FERTILIZERS	✓	TO OPTIMISE YIELD
DOING THINGS AT THE RIGHT TIME IS THE KEY TO SUCCESS		

WHAT IS EARLY POST EMERGENCE SPRAYING?
SPRAYING OF RESIDUAL WEEDICIDES AS SOON AS NEW WEEDS START TO GERMINATE AND ARE IN 2-3 LEAF STAGE USUALLY 5-6 WEEKS AFTER PLANTING WHERE PRE-EMERGENCE HAS BEEN USED



Weeds grasses and broad leaf have started to germinate and this is the ideal time to apply early post emergence weedicides.



Result of early post emergence



WEEDICIDES TO USE FOR EARLY POST EMERGENCE SPRAYING?
DIURON OR VELPAR FOR GRASSES
AMINE 720, WEED KILLER E40 OR E80 FOR BROADLEAF PLANTS, VINES & CREEPERS