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METAMITRON 700 G/L (60% W/W) SC

(Herbicide)

It is a suspension concentrate containing 60.02% w/w of Metamitron a.i. It is recommended to be used as post-emergence herbicide for control of Annual broad-leaved weeds and grasses in Sugarbeet crop.

Chemical Composition:	Ingredient	%W/W
Defoamer	adjuvants	01.68 %w/w
Dispersing agent: Blend of acrylic graft copolymer and glycol	adjuvants	02.52 %w/w
Emulsifying agent: Non-ionic surfactant blend	adjuvants	01.68 %w/w
Metamitron Technical (based on 98% a.i)	active ingredient	60.02 %w/w
water	adjuvants	Q.S. %w/w
Wetting agent: Propylene glycol	adjuvants	02.52 %w/w
Xanthan gum	adjuvants	00.8 %w/w
Total:		100.00% w/w

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water liter	Crop Stage	Re-entry Period	Pre Harvest	Frequency
		AI leafstage of weed kg a.i./ha	Formulation leafstage of weed kg a.i./ha					
Sugar beet	Sedges & Grasses : Cynodon Dactylon Cyperus rotundus, Dactyloctenium Aegyptium Broad Leaves : Convolvulus arvensis, Chenopodium Album Parthenium hysterophorus, Digera arvensis	a) 2-3: 0.7, b) 4-6: 1.4, c) 8-10: 1.4	a)2-3 leaf stage of weed . 7 kg/ha, b) 4-6 leaf stage of weed . 14 kg/ha, c) 8-10 leaf stage of weed . 14 kg/ha	500 lit	Vegetative to reproductive stage	24 hour	90	2-3

Note:-

Good Practices relating to pesticide application techniques

Direction of Use

1) Apply in split doses at various stages of weed viz 2-3, 4-6 and 8-10 leaf as post emergence. 2) Metamitron 700g/l SC is to be diluted with clean water and sprayed uniformly using an efficient range at recommended dosages 3) Application is to be done through knapsack or backpack sprayer.

Weather Condition(in general):

Not to be used during unfavorable conditions.

Soil & Water(where ever applicable):

Light to heavy soil. Clean water to be used for spray.

Crop Stage for application:

Vegetative to reproductive stage

Application Technique

Foliar spray

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Equipment Type
Knapsack or hand pack sprayer

NozzleType:

Flat pan/Flood jet nozzle

Dosage:

Control of weeds in Sugar Beet@ Common name of weed :- (Sedges and Grasses) :- Cynodon Dactylon, Cyperus Rotundus, Dactyloctenium Aegyptium (Broad leaf) :- Convolvulus arvensis Chenopodium album Parthenium hysterophorus Dieera arvensis.
Dosage/a.i./kg/ha (Weed leaf stage of application) (2-3), (4-6), (8-10) :- 0.7, 1.4, 1.4 Formulation kg/ha (Weed leaf stage of application) (2-3), (4-6), (8-10) :- 1, 2, 2 Dilution in water (Lts) :- 500. Waiting period (Days) :- 90.

Instruction for Mixing:

Re-entry Period

24 hour

Manner and Time of Application

Application Timing

Vegetative to reproductive stage.

Frequency

2-3

Stages during which pesticides should not be applied on any crop :

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Precautions to be taken to avoid harm to the beneficial insects like honey bees and natural enemies of pests :

Symptoms Of Poisoning

No specific sign of poisoning. Non-specific symptoms may be general weakness, pain, nausea or vertigo. In case of poisoning seek medical advice (show label and leaflet if possible).

First Aid

If ingested: if person is conscious and alert, rinse mouth with water and give 1 or 2 glass of water to drink. Never give anything by mouth to an unconscious person. Call the doctor. Do not induced vomiting until and unless desired by attending physician.

If inhaled: Take the patient to fresh air and take care of body temperature. If patient is not breathing or breathing with difficulty, give artificial respiration,Consult a physician.

In case of skin contact: Wash thoroughly the affected part of body with soap and plenty of water including hairs and under fingernails. If pain, redness or irritation persists, consult a doctor. All contaminated clothes should be segregated and thoroughly washed with soap and water separately before use.

In case of eye contact: Rinse gently with plenty of water at least for 15 minutes. If pain, irritation, redness or photophobia persists. Consult eye specialist

Antidote

No specific antidote, symptomatic and supportive therapy

Phytotoxicity

not phytotoxic at recommended dose

Storage Conditions

1. The packages containing the herbicide shall be stored in separate rooms or premises, away from the room or premises used for storing other articles or shall be kept in separate almirahs under lock and key depending upon the quantity and nature of herbicide. 2. The room or premises meant for storing the herbicide shall be well lit, dry, well ventilated and of sufficient dimension to avoid contamination with vapour.

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Safety Precaution:

1. keep away from foodstuffs, empty foodstuff containers and animal feed
2. avoid contact with mouth, eyes and skin and inhalation of the spray mist.
3. wash thoroughly the contaminated clothes and body parts after handling.
4. do not eat, drink, smoke or chew while applying.
5. use protective clothing which includes long sleeved shirt and long pants, chemical resistant gloves, shoes, goggles and socks while spraying.
- 6) Spray the insecticide only in the direction of wind blowing and not against it so as to prevent the setting of the drift on body.

Cautionary Statement:

1. not to be used on crops and pests other than those subscribed on label & leaflets. 2. destroy the container after use as directed on leaflet. 3. herbicide should be sprayed from ground and care should be taken to drift hazard to the adjoining crop field. 4. not to be applied on standing crop at any cost.

Disposal of used containers, washing from equipment and surplus material :

1. It shall be the duty of manufacturers, formulators of insecticides and operators to dispose packages or surplus materials and washing in a safe manner so as to prevent environmental or water pollution.
2. The used packages shall not be left outside to prevent their re-use.
3. The packages shall be broken and buried away from habitation.

Manufacturer Premises :

Punjab Chemicals and Crop Protection Ltd. Reg Off. & Factory
address : Milestone 18, Ambala-Kalka Road, Bhankharpur,
Derabassi, Dist SAS Nagar (Mohali) 140201, Punjab.
Punjab

Manufactured by

PUNJAB CHEMICALS AND CROP PROTECTION LIMITED
Milestone 18, Ambala Kalka Road Village & P.O. Bhankharpur,
Derabassi Mohali Punjab 140201

Customer Care Details:

Safety Pictograms:



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Antidote

No specific antidote, symptomatic and supportive therapy

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Derabassi, Village and P.O. Bhankharpur, Derabassi Mohali
Sahibzada Ajit Singh Nagar(Mohali) Punjab 140201

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