

CIR-181619/2021-Sulfosulfuron (WG) (428)-354

Sulfosulfuron 75% WG
(Systemic Herbicide)

Sulfosulfuron is a selective post-emergence herbicide used for the effective control for phalaris minor in wheat crop. It also control broad leaved weeds like Chenopodium album and Melilotus alba.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water in water (litre)	Waiting Period between last spray to harvest (days)	Re-entry after each Application (In Hours)
		AI (gm)	Formulation (gm)			
Wheat	Phalaris minor, Chenopodium album, Melilotus alba	25.0	33.3	200-250	110	

Direction of Use

Use the Sachet contents (13.5 gm) in one acre for effective control of Phalaris Minor and other weeds listed above.

Mixing:

1. Dissolve the entire contents of Sulfosulfuron 75% WG Sachet (13.5 gm) in Six litres of water and mix thoroughly.
2. Then add the entire content of cationic surfactant (500 ml) to the above solution and mix thoroughly with a stick.
3. Dilute the solution with 100 litres of water to uniformly spray one acre.

Sorghum/Maize crops should not be taken as succeeding crop after Wheat crop.

Time of Application

In wheat crop 30-35 days after sowing when phalaris minor plants are at 2-4 leaf stage.

Precaution

1. Sulfosulfuron should only be applied as a liquid. Do not broadcast sulfosulfuron.
2. Do not use Mist Blower (Power Spray)
3. The sprayman should use appropriate protective clothing like hat, long shirt, long pants and shoes.
4. Avoid contact with eyes and skin when handling the concentrate or spray. Avoid inhalation of spray mist. Wash thoroughly with soap and water after handling. Do not eat, drink or smoke during application. Remove contaminated clothes and wash before re-use. Do not re-use the empty containers.
5. Wash hands & exposed skin with soap and water before meals and after work.
6. Dicot Crops like mustard gram etc. should not be grown as intercrop in Wheat.
7. After spraying this herbicide, the spray and utensil should be thoroughly cleaned with plenty of soap and water.
8. This herbicide is recommended for use only in Wheat - Rice/Cotton rotational areas.

Symptoms Of Poisoning

The product may cause irritation to the eyes and skin, excessive salivation, diarrhoea, Lacrimation, laboured breathing, etc.

First Aid

Treat symptomatically. In case of accidental exposure to eyes, wash eyes with clean water for 15 minutes and see a doctor if irritation persists. In case of skin contact wash exposed area with soap and plenty of water.

Antidote

Treat Symptomatically

Disposal Of Used Container

1. After spraying, the sprayer should be thoroughly cleaned few times with soap and water. Washing from the sprayer and containers should be disposed off in a safe manner so as to prevent environment or water pollution.
2. Do not re use container for any purpose

Storage Conditions

1. Do not contaminate seed, feed foodstuff or water.
2. The package of Sulfosulfuron shall be stored in separate rooms or premises away from other articles particularly articles of food or shall be kept in a separate almirah under locked and key.
3. The room or premises meant for storing this herbicide shall be well built, dry, well-lit and ventilated and have sufficient dimension to avoid contamination.

Chemical Composition:

Sulfosulfuron a.i.		75.00 % w/w
Dispersant (i)	Sodium Naphthalene Sulfonate	2.50 % w/w
Dispersant(2)	Lignosulfonate	0.10 % w/w
Defoamer	Tallow soap	0.20 % w/w
Wetting Agent (i)	Sodium dialkyl naphthalene sulfonate	0.10 % w/w
Wetting Agent (2)	3EO alkyl (C 12-C 15) ether sulfate	4.20 % w/w
Suspending aid	Ethylene oxide-propylene oxide	1.70 % w/w
Alpha alkyl (C10-C-16)-Omega hydroxypoly (Oxyethylene Mixture		0.10 % w/w
Silicon defoamer		0.10 % w/w
Filler- Ammonium sulfate		Q.S. % w/w
		<hr/> Total: 100.000% w/w <hr/>