

FUSIFLEX

FOMESAFEN 11.1% w/w + FLUAZIFOP-P-BUTYL 11.1% w/w SL (HERBICIDE)

Fomesafen 11.1% w/w + Fluazfop-p-butyl 11.1% w/w SL is a selective post-emergence herbicide, recommended for the control of both grasses and broad leaf weeds in Soybean and Groundnut.

Chemical Composition :

Fomesafen a.i.	11.1% (w/w)
Fluazfop-p-butyl a.i.	11.1% (w/w)
Emulsifier: Copolymer butanol PO/EO	7.11% (w/w)
Condensation product of castor oil and ethylene-oxide	11.1% (w/w)
Antifreeze: Polyethylene glycol	17.78% (w/w)
Preservative: 1,2-benzoisothiazol-3(2H)-one (as a 20% solution)	0.05% (w/w)
Neutralizing agent: Sodium hydroxide 50% solution	10.0% (w/w)
Solvent: Water	QS
Total	100.0% w/w

The quantity of sodium hydroxide may vary depending upon neutralization and achieving required pH.

Application & Recommendation for use: When used as per the recommendations given below, Fomesafen 11.1% w/w + Fluazfop-p-butyl 11.1% w/w SL provides the post-emergence control of grassy & broad leaf weeds in Soybean and Groundnut.

Crop	Scientific name of the weed	Dosage per ha		Time and No. of Application	Water Volume Dilution in water L/ha	Waiting period from last spray to harvest (in days)
		AI (g)	Formulation (ml)			
Soybean	Echinochloa colona, Digitaria spp., Eleusine indica, Dactyloctenium aegypticum, Bracharia reptans, Commelina benghalensis, Digera arvensis, Trianthema spp., Phyllanthus niruri, Acalypha indica, Dinebra arabica	250	1000	Early post emergence at 2-5 leaf stage of weeds at optimum soil moisture conditions (Single application)	500	71
Ground-nut	Echinochloa colona, Digitaria spp., Eleusine indica, Dactyloctenium aegypticum, Bracharia mutica, Eruops villosus, Indigofera glandulosa, Chloris barbata, Triantema spp., Digera arvensis, Cleom viscosa, Phyllanthus niruri, Amaranthus viridis, Cyperus spp.	250	1000	Early post emergence at 2-5 leaf stage of weeds at optimum soil moisture conditions	500	82

Recommendations for use:

Apply once after sowing as early post emergence at 2 – 5 leaf stage of weeds under optimum soil moisture condition, when weeds are actively growing.

Method of application: Spray the herbicide using a knapsack sprayer fitted with flat fan nozzle. Apply the herbicide in sufficient quantity of water to ensure thorough coverage of the weed foliage.

Resistance management

The repeated use of herbicides with the same mode of action could lead to selection of resistant weed. Therefore, do not continuously use same herbicide (of same mode of action) in next crop season and whenever necessary, prefer the spray of herbicide with different mode of action in each crop season. Certain agronomic practices may reduce the likelihood that resistant weeds will arise. In fields where resistant weeds are suspected, use integrated resistance management strategies.

1. HRAC Group code: Fomesafen(E) and Fluazfop-p-butyl(A)

2. Chemical class & Mode of Action: Fomesafen (Diphenylether) inhibits protoporphyrin oxidase and Fluazfop-p-butyl(Arolyphenoxy-propionate) inhibits acetyl CoA carboxylase.

Storage:

1. The packages containing the herbicides should be stored in original containers in separate rooms or premises away from the rooms or premises used for storing other articles particularly articles of food or shall be kept in separate almirahs under lock and key.

2. The rooms or premises meant for storing the herbicide shall be well built, dry, well lit and ventilated and of sufficient dimension to avoid contamination with vapor.

Precautions: Do not use cooking utensils for preparing the spray solution. Use stick for stirring the spray solution. Avoid contact with skin, eyes and clothing. Avoid inhalation of fog and vapors. Wear hand gloves to avoid contact with the skin. Wear protective clothing, mask, goggles, and boots, while handling the product. Do not eat, drink or smoke while applying the product. Wash hands with soap and plenty of water and change clothes after the work is over. Avoid contamination of air and water bodies with the herbicide. The product should not be used near aquaculture. Also wash the contaminated clothes.

Disposal of empty containers:

1. Packages or surplus materials and washings from the machines and containers should be disposed off in a safe manner as to prevent environmental and water pollution.

2. The used packages shall not be left outside to prevent their reuse.

3. Packages shall be broken and buried away from habitation.

Symptoms of Poisoning: Symptoms like Malaise, Malaise, vomiting, muscle weakness, difficulty breathing, bradycardia, excessive sweating, oliguria etc may occur. Drowsiness, dizziness, loss of coordination and fatigue is common symptoms in case of large quantity ingested. Vomiting and severe pulmonary congestion, followed by difficulty breathing and coma is common symptoms if inhaled in small quantity.

First Aid: Remove the affected person to a well-ventilated area or fresh air and protect him from undercooling. IN CASE OF SKIN CONTACT: Remove contaminated clothing and thoroughly wash the affected parts of the body with soap and water. IN CASE OF EYE CONTACT: Rinse eyes with clean water for several minutes. IN CASE OF INGESTION: Repeatedly administer medicinal charcoal in a large quantity of water. Get the attention of the medical doctor immediately. NOTE: Do not induce vomiting or never give anything to mouth to an unconscious person.

Antidote: No specific antidote is known. Apply symptomatic therapy.

Manufactured by: Syngenta India Limited,
Amar Paragon, S. No. 110/11/3, Baner Road, Pune-411 045.

Factory Address:

Village Nimbua, Tehsil Dera Bassi, District SAS Nagar (Mohali), Punjab - 140201.

फ्युजिफ्लेक्स

फॉमेसाफेन ११.१% भार/भार +
फ्लुआजिफोप-पि-ब्युटाइल ११.१%२% भार/भार/एस.एल.
(खरपतवारनाशक)

फॉमेसाफेन ११.१% भार/भार +
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फ्युजिफ्लेक्स

फॉमेसाफेन ११.१% डब्ल्यू/डब्ल्यू +
फ्लुआजिफोप-पी-ब्युटील ११.१% डब्ल्यू/डब्ल्यू एसएल
(तणानाशक)

फॉमेसाफेन ११.१% डब्ल्यू/डब्ल्यू +
फ्लुआजिफोप-पी-ब्युटील ११.१% डब्ल्यू/डब्ल्यू एसएल

फ्युसिफ्लेक्स

फॉमेसाफेन ११.१% व/व +
फ्लोजिफोप-पी-ब्युटाइल ११.१% व/व असेअल
(निदामाजुनाशक)

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फॉमेसाफेन ११.१% भ

