

CIR-181640/2021-Fenoxaprop-p-ethyl (EC) (428)-530

**Fenoxaprop-p-ethyl 10% E.C.**

**( Selective Herbicide )**

fenoxaprop-p-ethyl 10% ec is a selective herbicide containing, fenoxaprop-p-ethyl active ingredient 10% w/w , balance solvent and auxiliaries, it controls canary grass in wheat.

**Recommendation**

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water (litre/ha)	Waiting Period between last spray to harvest (days)	Re-entry after each Application (In Hours)
		AI (gm a.i. /ha)	Formulation (ml/ha)			
Wheat	phalaris minor (canary grass )	100 to 120	1000-1200	250 to 300	110	

**Direction of Use**

plant protection equipment: knapsack sprayer fitted with

flat fan nozzle is recommended.

time of application:- the optimum time of application is during the 4-5 leaf stage of weeds. this coincides with 30-35 days after sowing .

fenoxaprop p ethyl has wide application window ranging from 2 leaf to the tillering stage of phalaris minor or annual grasses and should be used when maximum weed emergence has taken place.

symptoms of damage: after 5-10 days the leaves of the weeds get lighter in colour, growing shoot is affected and growth ceases. competition with the main crop plant diminishes. necrosis set in from the basal part of the stem. after approx, 20-25 days the plant fully dries and can be easily pulled from the basal region as the growing point is dead. compatibility: fenoxaprop-p-ethyl 10% ec can be tank mixed with isoproturon, and also with commonly used insecticides/fungicides.

incompatibility: - fenolxaprop-p-ethyl 10% ec is not compatible with hormone type herbicide like 2,4-d-sodium salt, amine salt of ethyle ester hence should not be tank mixed. it is also not compatible with bentazone and bifenox.

preparation of spray solution: add slowly the required quantity of weedicide to water and stir well. with a stick or rod. while preparing large quantity of spraysolution, add weedicide to a bucket half filled with water, stir and then empty the pre-solution in to the bulk of water.

**Precaution**

1. keep away from foodstuffs, empty foodstuff containers and animals food.
2. avoid contact with mouth, eyes and skin.
3. avoid inhalation the spray mist. spray in the direction of wind.
- 4 . wash thoroughly the contaminated clothes and parts of the body after spraying.
5. do not smoke, drink, eat and chew anything while spraying.

6. wear full protective clothing while mixing and spraying.

### **Symptoms Of Poisoning**

ataxia, tremor, decreased activity, skin rash may occurs.

### **First Aid**

1. if swallowed, induce vomiting by tickling the back of throat. repeat it until the vomitus is clear. do not induce vomiting if the patient is unconscious.
2. if clothing and skin are contaminated, remove the cloths and wash the contaminate skin with copious amount of soap and water.
3. if eyes are contaminated, flush with plenty of saline/clean water for about 10 to 15 minutes.
4. if inhaled, remove the patient to fresh air.

### **Antidote**

no specific antidote is known.

treat symptomatically.

### **Disposal Of Used Container**

1. the packages shall be broken and buried away from habitation.
2. the used packages shall not be left outside to prevent their re-use.
3. packages or surplus material and washings should be disposed off in safe manner so as to prevent environment or water pollution.

### **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 for storing the herbicide shall be well built, well ventilated and of sufficient dimension to avoid contamination with vapour.

### **Chemical Composition:**

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Fenoxaprop-p-ethyl (technical 88%)	11.40 % w/w
Additive-Diethyl 1-(2,4-dichlorophenyl)-5methyl-2-pyrazolin-3, 5-dicarboxylate	2.80 % w/w
Emulsifier-1 (Castor oil 40 moles Ethylene oxide)	2.30 % w/w
2 (Lauryl alcohol 6 moles Ethylene oxide)	13.20 % w/w
3 (-Ethylene oxide-Poly oxyethylene block copolymer)	3.50 % w/w
4 (Ca-alkyl benzene sulfonate)	4.20 % w/w
Stabilizer-Amstab(Epoxidised soyabean oil)	4.00 % w/w
Aromatic solvent CIX	58.60 % w/w

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**Total:100.000 % w/w**

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