

3.0 HERBICIDE

3.1 Dicopur® 72%SL

Dicopur 72%SL is used for pre/ post – emergence control of annual and most perennial broad – leafed weeds in wheat, barley, maize, sugar cane, sorghum, coffee and grass lands. It is suitable for application by aircraft, tractor and knapsack sprayers. **Dicopur 72%SL** should be diluted with water before use. Spray when soil is moist but not during rain or drought.

Dimethylamine salt of 2,4-dichlorophenoxy acetic acid.....720 g/L

Mode of action

It is a selective and systemic herbicide. Salts are readily absorbed by the roots whilst the foliage readily absorbs esters and are translocated through the phloem. Translocation occurs, with accumulation principally at the meristematic regions of shoots and roots

Application rate

Crop	Rates	Timing of application
Wheat and barley	1.1-3.3 L/ 100-200 L of water per Ha (220ml/ 20L) (165ml/ 15L)	Apply after 5-6 leaves have developed but before piping stage.
Sugarcane	3.7L/ 100L of water per Ha (740ml/ 20L) (555ml/ 15L)	Pre-emergence: Plant cane: 2-4 days after planting. Ratoon: any time after cutting but before new shoots is above ground. Post Planting: Just before ‘flag’ stage of approx. 6 weeks after planting spike is well up and ‘flag’ broken.
Maize and Sorghum	Pre-emergence 1.6 - 2.3L/ 100-200L of water per Ha (200ml/ 20L) (150ml/ 15L)	Apply 2-4 days after planting. Any time after 2-leaf stage but before maize is 30 cm high.
	Post-emergence 0.6-1.6L in 100-200L of water per Ha (110ml/ 20L) (80ml/ 15L)	Thereafter apply directional spray between rows. Spray sorghum before the crop has 6 –8 leaves.
Coffee (mature trees)	1.9-2.8L in 200L of water per Ha (235ml/ 20L) (180ml/ 15L)	Use of low pressure and avoid drift falling on foliage.
Grasslands	2.2 – 4.0L in 100L of water per Ha (310ml/ 20L) (230ml/ 15L)	Apply any time after grasses are established.

Additional notes on timing of application

Do not spray when rain is imminent or during a period of drought. **Dicopur 72%SL** should be sprayed when conditions for growth are good and soil moist. Avoid spray drifting onto unintended crops. Livestock should be kept away from sprayed pastures for at least 21 days.

Preparation of the spray mixture

Half-fill the sprays tank with water & start agitation and add the required amount of **Dicopur 72%SL**. Then fill the tank with water maintaining agitation during the entire mixing and

spraying process. Check the output of the spraying machine before starting to spray and then spray to give an even coverage. Use the spray on the same day of preparation.

Pre-harvest interval

According to application conditions and the growing period remaining between application and harvest, no safety interval is required. However, safety interval (withholding period for grazing) for grasslands sprayed with **Dicopur 72%SL** is 21 days.

Hazards/ Precautions

Dicopur 72%SL is harmful. If swallowed, it can cause very serious eye damage and is irritating to the skin.

Handling

Wear protective clothing when preparing the spray mixture and while spraying. Avoid inhaling, swallowing and contact with skin and eyes. Do not apply upwind and stay out of the spray mist. Do not eat, drink or smoke while handling the product. Wash hands and exposed skin before eating, drinking or smoking.

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