Schelkovo Agrohim
Zavodskaya street 2
141108 Schelkovo
Russia
+7 495 745 0551, 745 0198
info@betaren.ru



Pinta, OD

oil dispersion

flumetsulam 50 g/l + florasulam 36 g/l

Postemergence herbicide in the oil formulation against a wide range of dicotyledonous weeds in cereal crops

Advantages:

- Is effective against a wide range of dicotyledonous weeds, including some weeds resistant to 2,4-D and sulphonylureas
- Increased herbicidal activity and quick effect because of the innovative oil formulation
- The best efficacy against Cruciferae and catchweed bedstraw
- Mild effect without herbicidal stress
- Has a wide application window: from tillering till the second internode formation
- No restrictions on crop rotation

Action

Mode of action

Flumetsulam and florasulam have a systemic effect. They are mainly absorbed by leaves of weeds and quickly move to stems and roots, where they accumulate in growth points and exert an herbicidal effect.
At the biochemical level, the mechanism of action is to block the acetolactate synthase (ALS) enzyme, which is involved in the biosynthesis of essential amino acids in the meristematic tissues of weeds. This causes a halt in protein synthesis and cell division, resulting in weed death.
Pinta, OD, herbicide has been developed in the innovative oil formulation (oil dispersion). It ensures the best herbicidal properties of the active substances, high efficacy in a variety of weather and climatic conditions and penetration even through the waxy layer and pubescence on weed leaves.

Protective effect period

The product shows the best herbicidal effect after the immediate treatment of plants. Moreover, it has a short-term (2-3 weeks) effect in the soil against new sprouts of some weeds, as the product is adsorbed by roots.
Weeds are eliminated 2-3 weeks after treatment, depending on the species and development phase of the weeds, as well as weather conditions, and crop protection is ensured until harvesting.

Rate of exposure

Active growth of weeds is halted within 24 hours after treatment. Under favourable conditions, visible signs of damage appear within 1-2 days after treatment. Complete elimination is achieved within 2-3 weeks after treatment.

Action spectrum

Annual and perennial dicotyledonous weeds
Susceptible species: common stork's-bill, ragweed, pale persicaria, black bindweed, field mustard, flixweed, chickweed, prickly lettuce, field poppy, field milk thistle, sunflower volunteers, common hempnettle, cleavers, scentless mayweed, bladder campion, corn spurry, hedge-nettle betony, red-root amaranth, field pennycress, field deadnettle, etc.
Moderately susceptible species: lamb's quarters, creeping thistle, etc.
Low susceptible species: field pansy, forking larkspur, field bindweed, treacle mustard, common dandelion, etc.

Usage regulations

Crop	Harmful object	Product consumption rate, l/ha	Working liquid consumption rate, l/ha	Method, time, features of application	Waiting time, days (number of applications)
Spring and winter wheat, spring and winter barley	Annual and perennial dicotyledonous weeds, including thistle species	0.1-0.15	200-300	Spraying of vegetative plants in spring, from tillering through the second internode formation of the crop, as well as during early growth phases (from sprouting till 2-4 leaves in annual plants and leaf rosette in perennial plants) for dicotyledonous weeds.	60(1)

Warning! After using the product in spring, the following crops can be sown in the fall of the same year: winter cereal crops, winter rapeseed and grasses. There are no limitations for the spring of the next year. Where replanting is required, spring cereal crops, maize and sorghum can be sown in the same field. Do not use the product on cereal crops with undersowing of clover, alfalfa or other legumes.

Product application features

The best result and the fastest herbicidal action of the product are achieved:

• when treating young weeds at the early stages of their development;

• under weather conditions (temperature, humidity) favourable for the growth and development of plants.

Where necessary, the product can be used in cool weather (air temperature from +7 °C).

Application method. Working liquid preparation

Prepare the working solution immediately before use. Prepare the stock solution in advance. Fill a separate container half full with water, add the required amount of the product for the stock solution concentration of 30-40% and mix for 1-2 minutes. Pour the resulting stock solution into the sprayer tank, filled three-quarters full with water in advance. Flush the stock solution container with water several times and pour the water into the sprayer tank. Add water to the sprayer tank to the full volume and mix thoroughly.

Prepare the working solution and refill the sprayer at designated places that are to be deactivated later.

Compatibility with other pesticides

In tank mixtures, the product is compatible with most herbicides, fungicides and insecticides. However, physical and chemical compatibility of the components to be mixed is required in each case prior to working solution preparation.

Phytotoxicity

No phytotoxicity has been reported for cereal crops when the herbicide is used from tillering till the second internode formation of crops.

General information

Chemical class

triazolpyrimidines

Transport and storage conditions

Keep the preparation in a room dedicated for pesticide storage. Storage temperature range - minus 10 C to plus 30 C

Shelf life

2 years.

Hazard class

hazard class 3, moderately hazardous substance

Packing

5 liter PE container

Registrant

Schelkovo Agrohim , Russia

Manufacturer

Schelkovo Agrohim, Russia