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Damba, SL

soluble liquid

dicamba acid /dimethylamine salt/ 480 g/l

Systemic postemergence herbicide to combat a wide range of dicotyledonous weeds in cereal crops and maize.

Advantages:

— It shows high biological efficiency against a wide range of dicotyledonous weeds, including the toughest ones.

— It suppresses weeds resistant to 2,4-D, MCPA and triazines.

— It has a strong synergism with the preparations containing 2,4-D, MCPA, sulfonylureas, triazines, glyphosates.

— It is a highly effective component of tank mixtures for enhancing herbicidal action.

— It has no restrictions for crop rotation.

— It has a milder effect on the crop compared with 2,4-D-based preparations.

Action

Mode of action

The active ingredient penetrates into the tissue of weedy plants through the leaves, stems, and root system, can move through the whole plant. It causes a hormonal imbalance in the plant, inhibits the process of photosynthesis, increases the rate of cell division, accelerates the processes of respiration. As a result, the normal growth of cells and the development of the whole plant are impaired, which leads to twisting of weeds, loss of turgor, and their death.

Period of protective effect

4–6 weeks

Rate of exposure

Visible symptoms of the product effect appear after 7–15 days, depending on the temperature conditions and the stage of weed development during the treatment period. The complete death of weeds occurs in 15–30 days.

Action spectrum

Annual dicotyledonous, including those resistant to 2,4-D, MCPA and triazines, and some perennial dicotyledonous weeds.

Usage regulations

Crop	Harmful object	Consumption rates of preparation, l/ha	Consumption rates of working liquid, l/ha	Method, treatment time, and application features. Period of manual (mechanized) work	Safety intervals (treatment frequency)

Spring wheat, winter wheat, spring barley	Annual dicotyledonous, including those resistant to 2,4-D and MCPA, and some perennial dicotyledons, including Cirsium arvense, weeds	0.15–0.3	150–400	Spraying of crops in the crop tillering stage, 2–4 leaves in annuals and 15 cm in height in perennial weeds	60(1)
Maize	Annual dicotyledonous, including those resistant to 2,4-D and MCPA, and some perennial dicotyledons, including sow-thistle species Cirsium arvense, weeds	0.4–0.8	150–400	Spraying of crops at the stage of 3–5 leaves: 2–4 leaves in annuals and 15 cm in height in perennial weeds	60(1)

Recommendations for use

It should be applied to actively vegetative weeds in the temperature range from +10 °C to +28 °C. The maximum recommended rate of product consumption is used for high contamination and overgrown weeds.

Perform spraying in the morning or evening hours in calm weather, not allowing the product to be removed to neighboring cultures.

If replanting is required, sow only spiked cereals. Do not use on cereal crops with legumes. Do not treat under heavy dew or if rain is expected within next four hours.

Phytotoxicity

The product is not phytotoxic at the recommended consumption rates and regulations for use.

Probability of resistance

None, subject to strict adherence to recommendations for use.

Compatibility with other pesticides

The product is compatible in tank mixtures with most pesticides. However, in each case, the products to be mixed should be checked for

compatibility.

General information

Chemical class

benzoates

Shelf life

3 years

Hazard class

3, moderate hazard

Packing

5, 10 liter PE container

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia