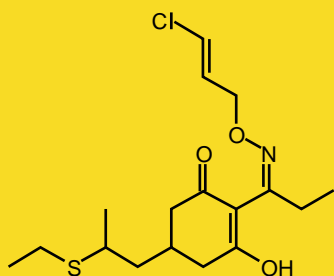




DALOT 240EC™

Active Ingredient Content: Clethodim 240 g/ L

Clethodim Properties:



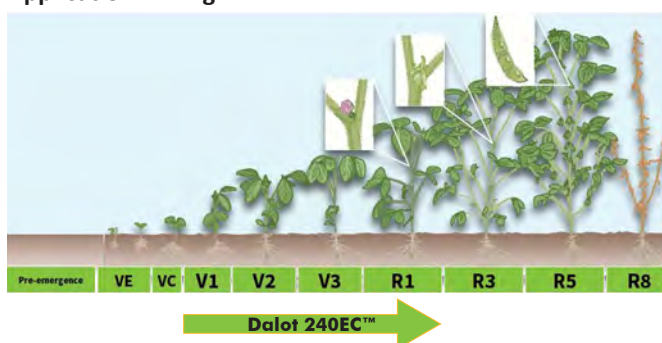
- IUPAC Name: (5RS)-2-[(1EZ)-1-[(2E)-3-chloroallyloxyimino]propyl]-5-[(2RS)-2-(ethylthio)propyl]-3-hydroxycyclohex-2-en-1-one
- Molecular Formula: $C_{17}H_{26}ClNO_3S$
- WSSA Mode of Action classification: Cyclohexanedione 'DIMs' Herbicide; Inhibition of acetyl CoA carboxylase (ACCase)
- WSSA Group: 1, HRAC Group: A(1), Acetyl CoA Carboxylase (ACCase) Inhibitors

- Selective post-emergence herbicide for the control of grass weeds in a wide range of broadleaf crops like Soybeans, Faba beans, Mung beans and Onions.

Dalot 240EC™ provides

- Outstanding management of grass weeds
- Excellent crop rotation interval period
- Excellent crop safety
- Increased absorption of the Active Ingredient
- Flexibility in application timing
- Suitable against Glyphosate-resistant weeds

Application Timing



Dalot 240EC™ characteristics

- Systemic selective herbicide
- Translocated from the treated foliage to the growing parts of the leaves, shoots and roots
- Uptake is primarily through the leaves
- Thorough coverage of the foliage is important
- Time required for complete control is normally 7 to 21 days following treatment

Dalot 240EC™ Mode of Action

- **Dalot 240EC™** inhibits the acetyl-coenzyme A carboxylase, the second enzyme common to both fatty acid and flavonoid biosynthetic pathways.
- **Dalot 240EC™** uptake is done primarily from the leaves and then it is rapidly translocated to the growing parts of the plants (Leaves, shoots and roots).
- Visible effects occur within 7 to 10 days. Complete control of the targeted grasses is expected within 7-21 days following treatment.
- Primary symptoms include yellowing of the leaves, followed by a purple colour until complete necrosis.

Crop Rotation restrictions

- **Dalot 240EC™**, due to its unique mode of action, offers excellent crop rotational periods!
- Beans, Maize, Wheat, Tobacco, Cotton, Peas, Groundnuts, Potatoes: 30 days

Rate of Application:

Crop	Rate of Application	Note
Faba beans	200-375 ml/ Ha	Do not apply beyond full flowering
Soyabeans, Mug beans		Do not apply after the first flower bulbs are visible
Onions		

- The lower rate of application will provide adequate control to small, actively growing weeds.
- The weeds should be targeted from 2- to 5-leaf stage.

Susceptible Weeds – Indicatively

- Panicum grass (*Panicum spp.*)
- Annual ryegrass (*Lolium rigidum*)
- Phalaris (*Phalaris minor*)
- Barley grass (*Hordeum leporinum*)
- Barnyard grass (*Echinochloa spp.*)
- Crowsfoot grass (*Eleusine indica*)
- Johnson grass (*Sorghum halepense*)
- Sorghum (*Sorghum spp.*)
- Wild Oats (*Avena spp.*)
- Winter grass (*Poa annua*)
- Blown grass (*Agrostis aveacea*)
- Phalaris (*Phalaris spp.*)

DIRECTIONS FOR USE:

- DO NOT apply to plants that are stressed by moisture or temperature extremes.
- DO NOT apply if rain is expected within one hour of application.
- DO NOT apply herbicide more than once to any one crop.
- Should be used with the addition of proper adjuvant.
- Better to be applied late in the evening in order to avoid direct exposure to sunlight

Disclaimer: This information and all further technical advice is based on our present knowledge and experience and approvals from the registration authorities. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. In the event of any discrepancies between the information stated herein or any other information source and the information stated on the label of the product, the information stated on the label of the product will prevail. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of the customer. Reference to trade names use by other companies is neither a recommendation, nor does it imply that similar products could not be used.



Soybean field following **Dalot 240EC™** treatment