



# BELCHIM

C R O P P R O T E C T I O N

## Clomazone Stewardship

As clomazone is active at very low dose rates, it is important to take care when spraying any clomazone products to mitigate drift onto surrounding crops, hedgerows, or other non-target crops or plants. All clomazone containing products marketed by Belchim Crop Protection Ltd are formulated whereby the clomazone component is encapsulated as a capsule suspension (CS). The purpose of this capsule is to control the rate of release of the clomazone and reduce the potential for off target effects to surrounding crops and non-target vegetation via volatility.

Product Stewardship advice is given below as well as a contact number for further information or to report any off target effects as part of Belchim's Stewardship and Monitoring programme.

- **Take extreme care** not to drift onto non target crops and plants which may cause transient bleaching. The use of drift reducing measures are advised and these include:
  - **Correct boom height** – Doubling boom height from 0.5m can increase spray drift by 5 – 10 fold
  - **Wind speed** – Calm conditions can be as high risk as when it is too windy. Only spray when wind speeds are between 1.2 – 4 miles per hour (Force 1 to 2 on the Beaufort scale, at 10 m above ground)
  - **Tractor speed** – high forward speeds can result in swirling and uplift of product and can cause inconsistent application. Maximum speeds of 10km/hr and 8km/hr in high risk fields\* are advised
  - **Higher water volume** – larger droplets are less likely to drift
  - **Coarse spray quality** – the legal spray quality for any clomazone product is coarse
  - **Further information** can be found in The Voluntary Initiative 'Best Practice Guide – Nozzle Selection and Maintenance' available on the website [www.voluntaryinitiative.org.uk](http://www.voluntaryinitiative.org.uk)
  - **Use immediately** - Do not leave the spray solution standing in the spray tank
  - **\*High risk fields** are those surrounding sensitive crops or non-target species, plant nurseries, gardens and allotments
- Whilst the capsule technology used in Belchim's clomazone products significantly reduces the risk of off target effects, under certain climatic conditions i.e. hot and humid weather, clomazone has the potential to volatilize and cause bleaching of non-target crops and other plant species could occur. If effects are seen they should be reported via the stewardship program. Please call Belchim Crop Protection for regional support on 01480 403333..
- Generally warm temperatures and moist soil at or shortly after application increase the potential for volatilisation.
- **DO NOT** leave the sprayer standing overnight with spray in it as the capsules can break down increasing the risk of volatility after application
- Contact your advisor or Belchim Crop Protection Ltd on 01480 403333 for more information or to report any off target incidences

### Belchim clomazone brands

Belchim Crop Protection Ltd, 1B Fenice Court, Phoenix Park, Eaton Socon, St Neots, Cambridgeshire, PE19 8EW.

Use plant protection products safely. Always read the label and product information before use. For further information on product hazard warnings, risk and safety phrases consult the Belchim website. Technical Enquiries 01480 403333; [www.belchim.com](http://www.belchim.com)