

Mecoprop-p (CMPP-p)

Protect water to keep mecoprop-p as a control option

Mecoprop-p is a useful economic option for control of broad leaved weeds in cereals and grassland. Changes* (see below) on its use have been imposed as part of the European review programme; unless more care is taken to protect water from mecoprop-p then its use may be further restricted.

How does mecoprop-p reach water

Mecoprop-p is extremely water soluble; it is most likely to leave fields in drain flow if heavy rain falls shortly after application. However all pathways to water matter.

Follow basic water protection advice

- Use a 6m grass buffer strip or 5m no-spray zone adjacent to water courses.
- Take care when filling and cleaning the sprayer.
- Do not apply when soils are cracked, dry or saturated.

Volunteer Beans

- Apply at minimum effective dose rate; check this with your BASIS registered adviser.

Grassland

- Allow some re-growth to take place after grazing or following a silage cut to maximise efficacy and foliar uptake.

Rainfall and crop cover

- Foliar uptake by a full crop/weed canopy helps retain mecoprop-p in the field and reduce leaching. Ensure there is a full plant canopy and no more than 50% bare ground at time of application.
- Do not apply mecoprop-p if heavy rainfall is expected within 48 hours of application as this can lead to significantly higher losses to water.

High Risk Areas

Levels of mecoprop-p above the limit are regularly detected in a number of priority catchments. It is imperative to protect water quality in these catchments. Discuss with your adviser optimum use of mecoprop-p to avoid risks to water.

Reducing the risk

- Always follow the advice on the left hand side of this sheet.
- If at least 2 of the following criteria are met, then the risks to water will be significantly reduced.

- | | ✓ or X |
|----------------------------------------------------------------------------------|--------------------------|
| 1. Soils are moist and not dry, cracked or saturated | <input type="checkbox"/> |
| 2. The field has a 6m grass buffer strip or a 5m no-spray zone adjacent to water | <input type="checkbox"/> |
| 3. There is good crop/weed cover and less than 50% bare ground | <input type="checkbox"/> |
| 4. There is no risk of heavy rainfall within 48 hours of application | <input type="checkbox"/> |

* Mecoprop-p registration changes made in July 2009

Straight mecoprop-p

In cereals use of straight mecoprop-p is not permitted between October 1st to 1st March. Straight mecoprop-p is not currently approved for use in agricultural grassland, however use in managed amenity turf and amenity grassland and grass seed crops is still permitted.

Mecoprop-p in mixture products

Currently one mixture product containing mecoprop-p is approved for autumn use in cereals; a number of mixture products containing mecoprop-p are approved for use in grassland.