H

UPL

MERTIL®

HERBICIDE

PCS 06650

FOR PROFESSIONAL USE ONLY

A contact and residual herbicide for the control of a range of annual grasses and broad-leaved weeds in winter cereals.

A Suspension Concentrate (SC) formulation containing 200g/L diflufenican and 400g/L flufenacet. Also contains 1,2-benzisothiazolin-3-one.

SAFETY PRECAUTIONS

Warning

Harmful if swallowed.
May cause an allergic skin reaction.
May cause damage to nervous system through prolonged or repeated exposure.
Very toxic to aquatic life with long lasting effects.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing.
IF SWALLOWED: immediately call a POISON CENTER or doctor/physician.
IF ON SKIN: Wash with plenty of water.
Collect spillage.
Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.
To avoid risks to human health and the environment, comply with the instructions for use.

PCS 06650

SPECIMEN -
Use by 10 Dec 2026

A1.0 MERTIL IE 150520 NoA 06550

5 Litres
200 g/L DIFLUFENICAN
400 g/L FLUFENACET

MER/IE/5L/F/0520/UPL

May 2020

INSTRUCTIONS FOR USE

Crops	Maximum individual dose (L product/ha)	Maximum total dose (L product/ha/crop)	Latest time of application
Winter wheat, winter barley, winter rye, winter triticale	0.6	0.6	Beginning of tillering (GS21)

READ ALL SAFETY PRECAUTIONS AND DIRECTIONS FOR USE BEFORE USE.

ENVIRONMENTAL PROTECTION
To protect aquatic organisms, respect an unsprayed buffer zone of 5m to surface water bodies.

DO NOT CONTAMINATE WATER WITH THE PRODUCT OR ITS CONTAINER (DO NOT CLEAN APPLICATION EQUIPMENT NEAR SURFACE WATER/AVOID CONTAMINATION VIA DRAINS FROM FARMYARDS AND ROADS).

DIRECTIONS FOR USE

RESTRICTIONS
1. Do not apply when heavy rain is expected within 4 hours.
2. Do not apply to crops suffering from stress caused by factors such as frost, nutrient deficiency, soil compaction, excessively moist or dry conditions, pest or disease attack.
3. Do not apply to soils with more than 10% organic matter as this may affect product performance.
4. Do not use on very light soils or soils with high stone or gravel content as this may lead to crop damage.
5. Do not incorporate the product in the soil or apply to broadcast crops as uncovered seed may be damaged.
6. Do not apply to undersown cereals or crops planned to be undersown.
7. Do not harrow after application nor roll autumn-treated crops until spring.
8. Avoid drift onto neighboring crops.

WEED CONTROL
For best results MERTIL® should be applied pre-emergence of the weeds or as soon as possible after emergence.

The following weeds are controlled with a single post-emergence application at 0.6L/ha.

Weeds	Level of Control
Annual meadow grass	S post emergence up to GS13
Field pansy	S post emergence up to GS13
Common poppy	S post emergence up to GS13
Speedwells	S post emergence up to GS13
Common chickweed	S post emergence up to GS13
Mayweeds	S post emergence up to GS13
Loose silky bent	S post emergence up to GS13
Blackgrass	MS post emergence up to GS13
Volunteer oilseed rape	S post emergence up to GS13
Cleavers	S post emergence up to GS13

S Susceptible (85-94.9% control).
MS Moderately Susceptible (70-84.9% control).

SPECIMEN - Use by 10 Dec 2026

RESISTANCE MANAGEMENT
The active substance diflufenican belongs to the F1 group from the HRAC and works by inhibition of carotenoid biosynthesis at the phytoene desaturase step (PDS). The active substance Flufenacet belongs to HRAC Group K3 and works by the inhibition of cell division. Strains of some annual grasses, e.g. black-grass, wild-oats, and Italian rye-grass, have developed resistance to herbicides which may lead to poor control. A strategy for preventing and managing such resistance should be adopted. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the HGCA, CPA, your distributor, crop adviser or product manufacturer.

MIXING AND SPRAYING

Before Spraying
Before spraying ensure the sprayer is clean and in good working order. Half fill the sprayer with clean water and begin to agitate. Add the required quantity of MERTIL® and complete filling. Continue to agitate during spraying.

Apply in 200-500L water/ha as a medium spray, using a horizontal boom sprayer. A spray pressure of at least 2 bars is advised. Good, even spray coverage of soil and weeds is essential. Ensure that spray swaths do not overlap. To prevent damage, care must be taken to avoid drift onto neighbouring sensitive crops (e.g. oilseed rape).

After Spraying
Wash out the sprayer thoroughly after use using a recognised tank cleaner or wetting agent.

After using MERTIL® empty the tank completely and drain the whole system.
Thoroughly wash the inside of the tank with a pressure hose. Quarter fill the tank with clean water and circulate through the pump, line, hoses and nozzles, then drain. Quarter fill the tank again, add a suitable detergent (tank cleaner or wetting agent) and circulate through the system for at least 15 minutes. Drain, remove filters and nozzles and clean separately. Rinse the inside of the tank thoroughly using a pressure hose and flush system with clean water.

SUCCEEDING CROPS
When applying the product successively in cereals, there may be some building-up of residues in the soil. Following a normal crop rotation, no minimum waiting period is required. It is safe to plant either a cereal or potato crop without any special cultivations. All other following crops, as part of a normal crop rotation, should be planted only following soil cultivation to at least 20cm. This is with the exception of grasses (including ryegrass), which should not be sown in the same season following application.
In the event of crop failure, either wheat, barley or potatoes can be drilled or planted following soil cultivation to at least 20cm.

COMPATIBILITY
For up-to-date information on compatibilities, please visit **www.upl-ltd.com/ie.**

CONDITIONS OF SUPPLY
All goods supplied by us are of high grade and suitable for use and we believe them to be suitable; however, as we cannot exercise control over their storage, handling, mixing, use, or the weather conditions before, during and after application which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded, and no responsibility will be accepted by us or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. Our staff or agents cannot vary these conditions whether or not they supervise or assist in the use of such goods. Brand names used in this label may be registered trademarks of UPL Europe Ltd, or other manufacturers in which propriety rights may exist.

To access the Safety Data Sheet for MERTIL® please use the link below or scan the code.

www.upl-ltd.com/ie/product-details/mertil

Alternatively, contact your local supplier.

H

UPL

MERTIL®

HERBICIDE

PCS 06650

FOR PROFESSIONAL USE ONLY

A contact and residual herbicide for the control of a range of annual grasses and broad-leaved weeds in winter cereals.

A Suspension Concentrate (SC) formulation containing 200g/L diflufenican and 400g/L flufenacet. Also contains 1,2-benzisothiazolin-3-one.

SPECIMEN - Use by 10 Dec 2026

SAFETY PRECAUTIONS

Warning

Harmful if swallowed.
May cause an allergic skin reaction.
May cause damage to nervous system through prolonged or repeated exposure.
Very toxic to aquatic life with long lasting effects.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing.
IF SWALLOWED: immediately call a POISON CENTER or doctor/physician.
IF ON SKIN: Wash with plenty of water.
Collect spillage.
Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.
To avoid risks to human health and the environment, comply with the instructions for use.

PCS 06650

A1.0 MERTIL IE 150520 NoA 06550

5 Litres
200 g/L DIFLUFENICAN
400 g/L FLUFENACET

MER/IE/5L/F/0520/UPL

May 2020