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RISK AND SAFETY INFORMATION

Harmony® Max SX®

**Herbicide
Containing
29 g/kg metsulfuron-methyl and
429 g/kg thifensulfuron-methyl**

**Very toxic to aquatic life with long
lasting effects.**

Avoid release to the environment.
Collect spillage.

Dispose of contents / container to a licensed hazardous-waste
disposal contractor or collection site except for triple rinsed
empty clean containers which can be disposed of as non-
hazardous waste

**TO AVOID RISKS TO HUMAN HEALTH AND THE ENVIRON-
MENT, COMPLY WITH THE INSTRUCTIONS FOR USE**

PCS No 02883



WARNING

SAFETY PRECAUTIONS

ENVIRONMENTAL PROTECTION

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).

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

FMC

HARMONY® MAX SX®

Herbicide

GROUP

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HERBICIDE

PCS No 02883

A non-segregating blend of water soluble granules
containing 29 g/kg metsulfuron methyl and 429 g/kg
thifensulfuron methyl for spring control of certain
broad-leaved weeds in wheat and barley.

FOR PROFESSIONAL USE ONLY

Manufactured in the E.U.

* Registered trademark of FMC or an affiliate

Contents: **400 grams e**

F-04595/31909 - IRELAND

FMC Agro Limited, Rectors Lane, Pentre, Flintshire, CH5 2DH.
Tel: 01244 537370. Email: fmc.agro.uk@fmc.com. Website:
www.fmc-agro.co.uk. Technical Helpline: 01423 205011.

**Emergency No.s - Medical Incidents Involving Crop
Protection Products:** England & Wales: 111, Scotland: 08454
24 24 24, Northern Ireland: Local GP or Pharmacist, Republic of
Ireland: 01 837 9964.

Healthcare professionals seeking poisons information:
www.toxbase.org.

**Emergency No.s - Transportation, Warehousing & After
Sale Incidents:** CHEMTREC help centre Dialling from the UK
and NI: 0870 820 0418, Dialling from Ireland: 01 901 4670



Batch N°: see on the pack

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PCS No. 02883

A non-segregating blend of water-soluble granules containing 29 g/kg metsulfuron methyl and 429 g/kg thifensulfuron methyl for spring control of certain broad-leaved weeds in wheat and barley.

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Emergency No.s - Medical Incidents Involving Crop Protection Products.

England & Wales: 111, Scotland: 08454 24 24 24, Northern Ireland: Local GP or Pharmacist, Republic of Ireland: 01 837 9964.

Healthcare professionals seeking poisons information: www.toxbase.org.

Emergency No.s - Transportation, Warehousing & After Sale Incidents:

CHEMTREC help centre Dialling from the UK and NI: 0870 820 0418,
Dialling from Ireland: 01 901 4670

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FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Crops: wheat, barley.
Maximum individual dose: 140 g/ha
Maximum number of applications: One per crop
Latest time of application: Before flag leaf sheath extending stage
Method of application: Tractor mounted Sprayer

Other specific restrictions:

This product must only be applied from 1 February in the year of harvest until the specified latest time of application.

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

Restrictions

- HARMONY® MAX SX® must not be applied to any crop suffering from stress as a result of drought, waterlogging, low temperatures, pest or disease attack, nutrient or lime deficiency or other factors reducing crop growth.

- Do not use HARMONY® MAX SX® on cereal crops undersown with grasses, clover or other legumes or any other broad-leaved crop.
- Do not apply HARMONY® MAX SX® to any cereal crop in sequence or in tank-mixture with a product containing any other sulfonylurea herbicides except with amidosulfuron (Only cereals may be sown as a following crop).
- Due to the high level of activity of the herbicide, special care must be taken to avoid damage by drift onto broad-leaved plants outside the target area, or onto ponds, waterways or ditches. Thorough cleansing of equipment is also very important - see below.
- Contract agents should be consulted before using on crops grown for seed.
- HARMONY® MAX SX® should not be applied within 7 days of rolling the crop.
- Do not apply HARMONY® MAX SX® more than once to any cereal crop.

Weed control

HARMONY® MAX SX® contains two highly active herbicidal ingredients with activity against a wide range of broad-leaved weeds. Metsulfuron-methyl and thifensulfuron-methyl are sulfonylurea herbicides. HARMONY® MAX SX® is most effective when applied to small, actively growing weeds. As larger weeds usually become less susceptible, it is important to note the size of each weed species at the time of application.

Susceptible plants cease growth almost immediately after post-emergence application and symptoms can be seen about two weeks after application. Good spray cover of the weeds must be obtained. Weed control may be reduced when soil conditions are very dry.

The susceptibility rating of weeds in the following table refer to good spray cover and good growing conditions.

Weed Species	Plants up to 2 expanded true leaves	Plants up to 6 expanded true leaves	Plants up to 15 cm across/high
Black-bindweed	S	S	MS
Charlock	S	S	S
Chickweed, Common	S	S	S
Cleavers	MS	MS	MS
Dead-nettle, Red	S	S	S
Field-bindweed	S	S	MS
Field-speedwell, Common	S	S	MS
Forget-me-not, Field	S	S	S
Hemp-nettle, Common	S	S	S
Knotgrass	S	S	MS
Mayweeds	S	S	S
Orache, Common	S	S	-
Pansy, Field	S	S	MS
Parsley-piert	S	S	S
Poppy, Common	S	S	MS
Redshank	S	S	S
Shepherd's-purse	S	S	S
Thistle, Creeping	S	S	S

S = Fully susceptible MS = Moderately susceptible

Resistance

When herbicides with the same mode of action are used repeatedly over several years in the same field, selection of resistant biotypes can take place. These can propagate and may become dominating. A weed species is considered resistant to a herbicide if it survives a correctly applied treatment at the recommended dose. Development of resistance with a weed species can be avoided or delayed by alternating (or tank mixing) with suitable products having a different mode of action. For control of Corn Marigold or Chickweed this product must always be applied with an alternative mode of action product at recommended rates.

Crops

HARMONY® MAX SX® can be used on all varieties of wheat (except Durum wheat) and barley between the growth stages given below.

Dose

Apply HARMONY® MAX SX® at 140 grams/hectare.

Timing

HARMONY® MAX SX® must only be applied in the spring after 1 February from the three-leaf stage up to and including the flag-leaf fully emerged stage of crop growth.

Following crops

Only cereals, oilseed rape, field beans or grass may be sown in the same calendar year as harvest of a cereal crop treated with HARMONY® MAX SX®. In case of crop failure for any reason, sow only winter wheat within three months of application of HARMONY® MAX SX®. Before sowing, soil should be ploughed and cultivated to a depth of at least 15-cm.

Volume and application

BEFORE USING HARMONY® MAX SX®, SPRAYING EQUIPMENT MUST BE CLEAN AND FREE FROM CONTAMINATION WITH OTHER PESTICIDES.

Application should be made in 200 litres of water per hectare using suitable ground equipment to give good spray cover of the weeds. In thick crops or dense weeds use higher volumes of water (up to 400 litres of water/ ha) to ensure good spray cover of the weeds. Use a conventional field crop sprayer at a pressure of 2 - 3 bars and apply as a MEDIUM spray (as defined by BCPC). Care should be taken not to overlap spray swaths.

Soil and weather

HARMONY® MAX SX® can be used on all soil types. Weed control may be reduced when conditions are very dry.

Mixing

Quarter fill the spray tank with clean water, start the agitation and add the required quantity of HARMONY® MAX SX® directly to the tank without prior creaming. Continue agitation while topping up the tank and while spraying.

Compatibility

In any tank-mix add HARMONY® MAX SX® to the tank first and ensure it is fully dispersed before adding the partner product. Do not allow HARMONY® MAX SX® to come into contact with undiluted pesticide concentrate. Products should only be tank-mixed if each product can be applied within the label recommendations for its use. For further information contact your DuPont distributor.



SPRAY TANK CLEAN-OUT

POOR CLEANOUT PRACTICES AND INSUFFICIENT WATER VOLUMES USED FOR THE RINSE PROCEDURE MAY RESULT IN INADEQUATE REMOVAL OF PRODUCT DEPOSITS. SUBSEQUENT USE OF APPLICATION EQUIPMENT IN THESE CIRCUMSTANCES MAY RESULT IN DAMAGE TO NON-CEREAL CROPS.

TO AVOID SUBSEQUENT DAMAGE TO CROPS OTHER THAN CEREALS, IMMEDIATELY AFTER SPRAYING HARMONY® MAX SX® THOROUGHLY CLEAN ALL SPRAY EQUIPMENT, INCLUDING INSIDE AND OUTSIDE OF LID, USING THE FOLLOWING PROCEDURE:

Always start with a clean tank and spray system. Clean spray equipment thoroughly immediately after use.

1. Thoroughly and completely rinse all interior tank surfaces (including lid) with water (use at least 10% of the tank capacity), taking care to remove any visible deposits. Flush pump, filters and boom after removing in-line strainers, nozzle tips and screens (clean these parts separately). Drain the remainder of the rinsate from the tank.
2. Repeat the rinse, flush and drain.
3. Dispose of washings safely. Do not spray onto sensitive crop or land intended for cropping with sensitive crop.

Note:

Consult label tank cleanup procedures for all tank mix partners and be sure to use the most rigorous procedure recommended.

WARNING

EXTREME CARE SHOULD BE TAKEN TO AVOID DAMAGE BY DRIFT OF SPRAY ONTO BROAD-LEAVED PLANTS OUTSIDE THE TARGET AREA OR ONTO PONDS, WATERWAYS OR DITCHES. SPRAYING EQUIPMENT SHOULD NOT BE DRAINED OR FLUSHED ONTO LAND PLANTED WITH OR INTENDED FOR PLANTING WITH TREES OR CROPS OTHER THAN CEREALS.

NOTICE TO BUYER

All goods supplied by us are of a high grade and we believe them to be suitable for any purpose for which we expressly supply them, but as we cannot exercise control over their mixing or use, 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 for any damage or injury whatsoever arising from their storage, handling, application or use.

All manufacturers trademarks are duly acknowledged.