

(Label main area front panel)



Harmony® Max SX
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.

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 5m to surface water bodies.

RISK AND SAFETY INFORMATION

Harmony® Max SX

Herbicide

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

WARNING



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 environment, comply with the instructions for use

PCS No 02883

FOR PROFESSIONAL USE ONLY

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Contents: XXX grams
Manufactured in the E.U.

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.

-----(*Start of label leaflet*)-----

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:
 - Flupyr-sulfuron-methyl
 - Flupyr-sulfuron-methyl in combination with carfentrazone-ethyl
 - 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
Fat-hen	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.

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Safety Data Sheet

[Insert QR code and wording]

To access the Safety Data Sheet for this product scan the code, visit www.cropprotection.dupont.co.uk or alternatively contact your supplier