



## HARMONY<sup>®</sup> M SX

A non-segregating blend of water soluble granules containing 40 g/kg metsulfuron-methyl and 400 g/kg thifensulfuron-methyl for spring control of broad-leaved weeds in winter wheat, spring wheat, winter barley and spring barley and winter oats

**PCS No: 02330**

### **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 M SX**

**Herbicide containing 40 g/kg metsulfuron-methyl and 400 g/kg thifensulfuron-methyl**

#### **WARNING**



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

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. 02330**

**FOR USE ONLY AS AN AGRICULTURAL HERBICIDE**

**For the control of certain broad leaved weeds in winter wheat, spring wheat, winter barley and spring barley and winter oats.**

|                                |  |
|--------------------------------|--|
| Crops:                         | winter wheat, spring wheat<br>winter barley, spring barley, winter oats                    |
| Maximum individual dose:       | winter wheat, winter barley, winter oats 125g/ha<br>spring wheat and spring barley 100g/ha |
| Maximum number of treatments:  | One per crop   |
| Maximum total dose:            | winter wheat, winter barley, winter oats 125g/ha<br>spring wheat and spring barley 100g/ha |
| Latest time of application:    |  |
| Winter wheat and winter barley | before flag leaf sheath extending stage(GS 39)   |
| Spring wheat and spring barley | before flag leaf sheath extending stage(GS 39)   |
| Winter oats                    | before flag leaf sheath extending stage (GS 39)  |
| Method of application:         | Tractor Mounted sprayer  |

**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**

Contents: XXXXg e  
Manufactured in EU

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## **DIRECTIONS FOR USE**

### **RESTRICTIONS**

- Do not apply 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 apply to cereal crops undersown with grass, clover or other legumes or any other broad-leaved 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.**
- Do not apply within seven days of rolling the crop.
- Do not apply more than once to any cereal crop.
- Failure to clean the sprayer thoroughly after use can result in damage to sensitive crops later. Follow washout instructions and only use label-recommended tank mixtures.

## WEED CONTROL

HARMONY M SX is a highly active herbicide that works mainly by foliar action with some root activity. It controls a wide range of broad-leaved weeds and is most effective if applied when the weeds are small and actively growing. Good spray cover of the weeds must be obtained and, since larger weeds often become less susceptible, it is important to note the size of each weed 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. It is important to identify the weeds occurring in the crop and refer to the weed table to ensure that the weeds present are those susceptible to HARMONY M SX. The susceptibility ratings of weeds in the following table refer to good spray cover and good growing conditions.

| Weed species            | 2 expanded leaves | 6 expanded leaves |
|-------------------------|-------------------|-------------------|
| Black-bindweed          | S                 | S                 |
| Charlock                | S                 | S                 |
| Chickweed, Common       | S                 | S                 |
| Dead-nettle, Red        | S                 | S                 |
| Fat-hen                 | S                 | -                 |
| Forget-me-not           | S                 | S                 |
| Hemp-nettle, Common     | S                 | S                 |
| Knotgrass               | S                 | S                 |
| Mayweeds                | S                 | S                 |
| Orache, Common          | S                 | S                 |
| Poppy, Common           | S                 | S                 |
| Redshank                | S                 | S                 |
| Shepherd's-purse        | S                 | S                 |
| Sowthistle, Smooth      | S                 | S                 |
| Speedwell, Common field | S                 | S                 |
| Speedwell, Ivy-leaved   | S                 | -                 |
| Spurrey, Corn           | S                 | S                 |
| Volunteer Rape          | S                 | S                 |
| Volunteer Sugar Beet    | S                 | S                 |

S = Susceptible

## WEED 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. For the control of Corn Marigold and Chickweed, this product must always be applied in a mixture with an alternate mode of action herbicide at recommended rates. Development of resistance within a weed species can be avoided or delayed by alternating (or tank-mixing) with suitable products having a different mode of action.

## **CROPS**

HARMONY M SX can be used on all varieties of winter wheat (except Durum wheat), spring wheat, winter barley and spring barley and winter oats between the growth stages given below.

## **TIMING**

HARMONY M SX should be applied in the spring from the three-leaf stage of the crop up to the flag leaf fully emerged stage of crop growth (GS 39)

## **DOSE**

Spring barley and spring wheat - apply at 100 g/ha

Winter wheat and winter barley - apply at 125 g/ha

Winter oats – apply at 125g/ha

## **SOIL AND WEATHER**

HARMONY M SX can be used on all soil types. Weed control may be reduced when conditions are very dry. Rain within four hours of application may reduce the effectiveness of the product.

## **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 M SX. In the event of a crop failure for any reason, sow only a cereal crop within three months of application of HARMONY M SX. Prior to sowing, soil should be ploughed and cultivated to a depth of at least 15-cm.

## **VOLUME AND APPLICATION**

BEFORE USING HARMONY M 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 equipment to give 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. When applying HARMONY M SX, care should be taken not to overlap spray swaths.

## **MIXING**

Quarter fill the spray tank with clean water, start the agitation and add the required quantity of HARMONY M 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 M SX to the tank first and ensure it is fully dispersed before adding the partner product. Do not allow HARMONY M 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.

## **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 OR INTENDED FOR PLANTING WITH TREES OR CROPS OTHER THAN CEREALS.

## **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 M 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.

## **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](http://www.cropprotection.dupont.co.uk) or alternatively contact your supplier