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Risk and Safety Information

BIPLAY® SX®

Herbicide

**WARNING**

Contains 111 g/kg metsulfuron-methyl
and 222 g/kg tribenuron-methyl
Contains tribenuron methyl:
May produce an allergic reaction

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 empty clean containers which can be disposed of as non-hazardous waste.

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 avoid risks to human health and the environment, comply with the instructions for use.



DuPont™

BiPlay® SX®

CEREAL HERBICIDE

GROUP

B

HERBICIDE

**MAPP 14836****(H)**

A water soluble granule formulation containing 111 g/kg metsulfuron-methyl and 222 g/kg tribenuron-methyl for spring weed control in wheat and barley, winter oats and triticale.

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

® Registered trademark of
E. I. du Pont de Nemours and Company

Contents: 225 g e

Du Pont (U.K.) Limited, Crop Protection Products
4th Floor, Kings Court, London Road, Stevenage, Hertfordshire - SG1 2NG
Tel: 01438 734450 or enquiry.agproducts@dupont.com
Emergency Tel : 0870 820 0418

National Poisons Information Service:
111 (England and Wales) or 08454 24 24 24 (Scotland)



The Voluntary Initiative
This label is compliant
with the CPA Voluntary Initiative
Guidance



FOR PROFESSIONAL USE ONLY

Manufactured in the E.U.

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

**Batch N°:**

K-35323/31406 - UK

CYAN MAGENTA JAUNE NOIR



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K-41270/31603 - UK

CYAN MAGENTA JAUNE NOIR



DuPont™ BiPlay® SX®

CEREAL HERBICIDE

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IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Maximum individual dose: 45 g product/ha

Maximum number of treatments: 1 per crop

Crops: wheat, barley, winter oats and triticale

Latest time of application: Before flag leaf sheath extending stage (before GS41)

Other specific restrictions: This product must only be applied from 1st 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

SAFETY PRECAUTIONS

Operator protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

When using do not eat, drink or smoke

Avoid contact with skin

Wash hands before meals and after work

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.

Extreme care must be taken to avoid spray drift on to non-crop plants outside of the target area.

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1m of the top of a ditch which is dry at the time of application. Aim spray away from water.

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with HSE's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.



Storage and Disposal

Keep out of reach of children

Do not re-use container for any purpose and dispose of safely

Keep away from food, drink and animal feeding stuffs

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

- BIPLAY® SX® should 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 BIPLAY® SX® on cereal crops undersown with grasses, 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. Thorough cleansing of equipment is also very important - see below.

- Contract agents should be consulted before using on crops grown for seed.
- BIPLAY® SX® should not be applied within 7 days of rolling the crop.
- Do not apply BIPLAY® SX® more than once to any cereal crop.
- All requirements or restrictions on other product labels must be adhered to when applied to the same crop as BIPLAY® SX®. Contact your DuPont distributor for further information.

Do not use BIPLAY® SX® in tank-mix on oats or triticale. Allow at least 7 days between BIPLAY® SX® and other treatments (10 days if crop is growing poorly or under stress).

Do not tank mix BIPLAY® SX® with chlorpyrifos. Allow at least 14 days between application of BIPLAY® SX® and chlorpyrifos treatments.

Refer to 'Compatibility' for details on use of BIPLAY® SX® with other 'ALS inhibiting' herbicides

Weed control

BIPLAY® SX® contains metsulfuron methyl and tribenuron methyl, sulfonylurea (ALS inhibitor) herbicides which work mainly by contact action and is most effective if applied when the weeds are small and actively growing. Good spray cover of the weeds must be obtained for best results. Residual effects may be reduced by heavy rain. Susceptible plants cease growth almost immediately after application and symptoms can be seen about two weeks after application although the full effect of the treatment may not be apparent for up to four weeks. 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 fully expanded true leaves	Plants up to 6 fully expanded true leaves
Chickweed	S	S
Dead-nettle, Red	S	S
Field Pansy, Common	S	MS
Field-speedwell, Common	S	S
Forget-me-not	S	MS
Fool's Parsley	S	S
Groundsel	S	S
Hemp-nettle, Common	S	S
Knotgrass	S	S
Mayweed spp.	S	S
Poppy, Common	S	S

S = Susceptible, MS = Moderately Susceptible

Resistance

This product contains tribenuron-methyl and metsulfuron-methyl, which are ALS inhibitors, also classified by the Herbicide Resistance Action Committee as 'Group B'.

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.

A strategy for preventing and managing resistance should be adopted. The Weed Resistance Action Group has produced guidelines and copies are available from the HGCA, CPA, your distributor, crop advisor or product manufacturer.

Crops

BIPLAY® SX® can be used on all varieties of winter wheat, spring wheat, winter barley, spring barley, winter oats and triticale between the growth stages given below.

Dose

Apply BIPLAY® SX® at 45 g product/ha.

Timing

BIPLAY® SX® must be applied in the spring after 1st February from the three-leaf stage (GS 13) up to before the flag leaf extending stage (before GS 41).

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 BIPLAY® SX®. In case of crop failure for any reason, sow only winter wheat within three months of application of BIPLAY® SX®. Before sowing, soil should be ploughed and cultivated to a depth of at least 15-cm.

Volume and application

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

Application should be made in 100-200 litres of water per hectare, using suitable ground 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 (as defined by BCPC). When crops are thick or weed growth is dense, use 400 litres of water per hectare. 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 BIPLAY® SX® directly to the tank without prior creaming. Continue agitation while topping up the tank and while spraying.

Compatibility

To widen the spectrum of activity and improve the control of some weeds, BIPLAY® SX® may be applied with other herbicides, provided each product can be applied within the label recommendations for its use. Always add BIPLAY® SX® to the spray tank first when using in tank-mix and ensure it is fully dispersed before adding the partner product.

The following 'joint application' with other sulfonylurea and 'ALS inhibiting' herbicides may be applied to a crop. Requirements and restrictions on other product labels must be adhered to. 'Joint application' is the use of BIPLAY® SX® in tank mixture or sequence with one of the products listed below.

Absolute	Galaxy	Lexus Class	Pursuit*
Atlantis WG	GF-184	Lexus Millenium	Starane Gold
Barton WG	Hatra	Lexus SX	Starane Vantage
Boxer	Hiker	Octavian	Starane XL
Bullion	Horus	Othello	
Eagle*	Hunter	Pacifica	

* only cereals as following crop

Additional recommendations may be approved since label printing. Please consult your DuPont distributor for latest details on compatibilities.

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 BIPLAY® 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.

