

# Wing® P

**A herbicide for the control of grass and broad-leaved weeds in forage and grain maize**

An emulsifiable concentrate containing 212.5 g/l dimethenamid-P and 250 g/l pendimethalin.

**Risk and Safety Information**

**Danger**

**Causes skin irritation.**

**Harmful if swallowed.**

**May cause an allergic skin reaction.**

**May be fatal if swallowed and enters airways.**

**Suspected of damaging the unborn child.**

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

Wear protective gloves, protective clothing and eye protection or face protection.

Avoid breathing vapours.

Obtain special instructions before use.

IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.

IF exposed or concerned: Get medical advice/attention.

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

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

**PCS No. : 03590**



UFI: M333-J04A-400Y-1UF5

**Marketing company:**

BASF Ireland Limited, 4th and 5th Floors, 2 Stockport Exchange, Railway Road, Stockport SK1 3GG, UK, Telephone: 00 44 (0)161 475 3000

Emergency Information (24 hours freephone): 0049 180 227 3112

Technical Enquiries: 0044 (0)845 602 2553 (office hours)

**Authorisation holder:**

BASF plc, 4th and 5th Floors, 2 Stockport Exchange, Railway Road, Stockport SK1 3GG, UK, Telephone: 00 44 (0)161 475 3000

**5 L**



**FOR USE ONLY AS AN AGRICULTURAL HERBICIDE, as directed below:**

CROPS:	Forage maize and grain maize (grown in the open and under plastic mulches)
MAXIMUM TOTAL DOSE:	4 l product / ha / crop
LATEST TIME OF APPLICATION:	Before 5th true leaf stage (GS15)

**READ ALL PRECAUTIONS BEFORE USE.**

**PCS No. : 03590**

**PRECAUTIONS**

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

WHEN USING DO NOT EAT, DRINK OR SMOKE.

IF YOU FEEL UNWELL seek medical advice (show the label if possible).

DO NOT ALLOW DIRECT SPRAY from ground crop sprayers to fall within 5m of the top of the bank of a static or flowing waterbody or within 1m of a ditch which is dry at the time of application. Direct spray away from water.

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

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

KEEP IN ORIGINAL CONTAINER tightly closed, in a safe place.

DO NOT REUSE CONTAINER for any purpose.

On emptying the container, RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of container safely.

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.

For professional use only.

**STORAGE**

Store in a suitable pesticide store. Keep dry and protect from frost.

## 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/Warnings

### Efficacy

Some soil moisture must be present for Wing-P to be activated. Best results will be obtained if rainfall occurs within seven days of application.

Residual control may be reduced:

- under prolonged dry conditions
- on soils with a high Kd factor
- where organic matter exceeds 6%
- where ash content is high

DO NOT disturb the soil after Wing-P has been applied as this will result in reduced weed control.

Where cultural techniques which encourage the build up of organic residues in the surface soil are practised for a number of seasons, the effectiveness of residual herbicides may be reduced. In such circumstances periodic ploughing is recommended to disperse residues into a greater volume of soil.

### Soil types

Wing-P may be used on all mineral soil types.

DO NOT use on soils with more than 10% organic matter.

On stony or gravelly soils there is a risk of crop damage, especially if heavy rain falls soon after application.

**Do not use on water logged soil or soils prone to water logging.**

### Seedbed preparation

Trash and straw should be incorporated evenly during seedbed preparation.

Seedbed must have a fine, firm tilth.

Consolidate loose or cloddy seedbeds before use.

Following pre-emergence applications, unconsolidated clods (especially if larger than 75mm (3") diameter) may reduce the level of weed control and cause seed to be inadequately covered, which could result in crop damage.

### Crop safety

**Extreme care should be taken to avoid damage by drift onto plants outside the target area.**

Do not apply Wing-P to crops suffering from stress, which may be caused for example by pests, disease, water logging, poor seedbed conditions or previous chemical treatment. Seed should be covered with a minimum of 5 cm of settled soil.

**Shallow drilled crops should be treated post-emergence.**

Care should be taken to avoid overlap of spray swaths.

Do not soil incorporate.

Do not undersow crops treated with Wing-P.

**Other Restrictions/Warnings**

Before using Wing-P on crops to be processed please consult your processor.

Concentrated or diluted Wing-P will stain. Avoid spillage.

Staining is minimised or completely removed if skin and clothes are washed immediately.

Hose down machinery immediately after use with a spray tank cleaner.

Professional use only.

For use by tractor mounted/trailed sprayer only.

**Weed control**

**Forage Maize and Grain Maize**

Weed Name	Pre-emergence 4.0 l/ha	Post-emergence 4.0 l/ha
Annual Meadow-grass	S	S to 2 lvs
Black-bindweed	S	S to 2 lvs
Black Nightshade	S	S to 3 lvs
Charlock	S	S to 2 lvs
Common Chickweed	S	S to 4 lvs
Common Poppy	MS	-
Common Orache	S	MS to 2 lvs
Corn Marigold	S	-
Fat Hen	S	S to 2 lvs
Field Forget-me-not	MS	-
Field Pansy	MS	-
Groundsel	MS	R
Hemp-nettle (Day Nettle)	S	-
Henbit Dead Nettle	S	-
Knotgrass	S	S to 2 lvs

Pale Persicaria	S	-
Parsley Piert	S	-
Red Dead-Nettle	S	-
Redshank	S	S to 2 lvs
Scarlet Pimpernel	S	-
Scented Mayweed	S	S to 2 lvs
Scentless Mayweed	S	S to 2 lvs
Shepherd's Purse	S	S to 2 lvs
Smooth Sowthistle	MS	-
Speedwells	S	S to 2 lvs
Volunteer Oilseed Rape	S	-

S = Susceptible

MS = Moderately susceptible Moderately susceptible

R = Resistant Resistant

- = No data

### Resistance Management

GROUP	3	15	HERBICIDES
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Strains of some annual grasses (eg Black-grass, Wild-Oats, and Italian Ryegrass) 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.

### Crop Specific Information

Wing-P can be used on all varieties of forage maize and grain maize.

Product	Wing-P
Rate	4.0 l/ha
Water volume	200-400 litres/hectare.
Timing	Pre-emergence to before 5th true leaf stage (GS 15) of the crop. For optimum efficacy, apply pre-emergence. When applied post-emergence of the maize, apply at any time from the first true leaf (GS 10) to before 5th true leaf stage (GS 15).

Notes	<p>Do not use on Maize grown for seed. Seed must be covered by a minimum of 5cm of settled soil. The use of Wing-P may affect the full development of crown roots which function only to anchor the plant. This has no effect on the yield of maize. If application is followed by a period of dry conditions or in situations where very heavy weed populations occur, a sequence of Wing-P and a product applied post-emergence may be necessary.</p>
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## Following Crops

### Following crops after normal harvest

Before Rye grass is drilled after a very dry season, plough or cultivate to at least 15cm. For crops other than cereals plough or cultivate to at least 15cm.

### In the event of crop failure

In the event of crop failure the land must be ploughed or thoroughly cultivated to a minimum depth of 15cm to ensure any residues are evenly dispersed throughout the soil.

The minimum intervals (specified below) should elapse between application of Wing-P and the sowing of one of the following crops listed below.

Minimum interval	In the event of crop failure, the following crops may be drilled:
2 months	Spring Field beans, Broad beans, Dwarf beans, Brussels sprouts, Cabbage, Calabrese, Carrots, Cauliflower, Parsnips, Parsley, Peas, Linseed, Turnip.
5 months	Any crop (with the exception of Red Beet, Sugar Beet and Spinach) may be planted or sown.
12 months	Red Beet, Sugar Beet and Spinach.

## Mixing and Application

Never prepare more spray solution than is required.

Half fill the tank with clean water and start the agitation. To ensure thorough mixing of the product, invert the container several times before opening. Add the required quantity of Wing-P to the spray tank while re-circulating. Fill up the tank with water and continue agitation until spraying is completed.

When tank mixes are to be used, take due note of any instructions given as to the order of mixing. Each product should be added separately to the spray tank and fully dispersed before the addition of any further product(s).

On emptying the container, rinse container thoroughly by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of container safely.

This product may only be used in a tank mix or in sequence with other products when these uses comply with the label recommendations of every product in the tank mix/sequence.

### **Application**

Ensure good, even spray cover of the target using a FINE or MEDIUM quality spray, as defined by BCPC.

Apply Wing-P in 200-400 l/ha.

#### Qualified recommendation

Wing-P may be applied at 4 litres per hectare in 100 litres water per hectare although efficacy at this reduced volume has not been evaluated. Therefore application at 100 litres water per hectare is at user's risk with regard to biological efficacy.

### **Sprayer cleaning**

After spraying, thoroughly clean and flush out application machinery with a minimum of three rinses, to ensure that all traces of product are removed.

### **Trade Mark Acknowledgments**

None listed

### **The following does not form part of the product label under S.I. No. 159 of 2012**

With many products there is a general risk of resistance developing to the active ingredients. For this reason a change in activity cannot be ruled out. It is generally impossible to predict with certainty how resistance may develop because there are so many crop and use connected ways of influencing this. We therefore have to exclude liability for damage or loss attributable to any such resistance that may develop. To help minimise any loss in activity the BASF recommended rate should in all events be adhered to.

Numerous, particularly regional or regionally attributable, factors can influence the activity of the product. Examples include weather and soil conditions, crop plant varieties, crop rotation, treatment times, application amounts, admixture with other

products, appearance of organisms resistant to active ingredients and spraying techniques. Under particular conditions a change in activity or damage to plants cannot be ruled out. The manufacturer or supplier is therefore unable to accept any liability in such circumstances. All goods supplied by us are of high grade and we believe them to be suitable, but as we cannot exercise control over their mixing or use or the weather conditions during and after application, which may affect the performance of the material, 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; but nothing should be deemed to exclude or restrict any liability upon us which cannot be excluded or restricted under the provisions of any applicable law.

### **Additional Product Safety Information**

This section does not form part of the product label under S.I. No. 159 of 2012.

The information on this label is based on the best available information including data from test results.

### **Safety Data Sheet**

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



[agricentre.basf.ie/Wing-P-IE/MSDS](http://agricentre.basf.ie/Wing-P-IE/MSDS)

Alternatively, contact your supplier.