

**FMC**

# Rosan

## Maize Herbicide

GROUP B; O HERBICIDE

MAPP 18778

**A water dispersible granule containing 50 g/kg prosulfuron and 500 g/kg dicamba. Herbicide for the control of annual and perennial broadleaved weeds in grain and forage maize (except for seed crops).**

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

FMC Agro Limited, Rectors Lane, Pentre, Flintshire, CH5 2DH.  
Tel: 01244 537370.

Email: [fmc.agro.uk@fmc.com](mailto:fmc.agro.uk@fmc.com)  
Website: [www.fmc-agro.co.uk](http://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.

net contents:

**1.8kg e****FMC**

FMC Agro Limited, Rectors Lane, Pentre, Flintshire, CH5 2DH. Tel: 01244 537370.  
[www.fmc-agro.co.uk](http://www.fmc-agro.co.uk) [fmc.agro.uk@fmc.com](mailto:fmc.agro.uk@fmc.com)

### 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 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.



### IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Crop	Maximum Individual dose (kg product/ha)	Maximum number of applications	Latest time of application
Grain and forage Maize	0.3	1 per crop	Before 6 leaves unfolded

**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.**

### Healthcare professionals seeking poisons information:

[www.toxbase.org](http://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

### PROTECT FROM FROST, SHAKE WELL BEFORE USE

**Date of manufacture:** See elsewhere on the container

### Authorisation Holder

Syngenta UK Limited, CPC4 Capital Park, Fulbourn, Cambridge, CB21 5Xe, Tel: (01223) 883400

To access the Safety Data Sheet for this product scan the QR code or use the weblink:  
[https://data.fmc-agro.co.uk/wp-content/uploads/Rosan-v1.0\\_FMC.pdf](https://data.fmc-agro.co.uk/wp-content/uploads/Rosan-v1.0_FMC.pdf)



Alternatively, contact your supplier

10069245, 15143657, UNITED KINGDOM



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	FILL IN		DIMENSIONS (WXH)
Country	United Kingdom	Single label	x
Product SKU	10069245	Base for Booklet	x
Product SKU Description	ROSAN,8X1.8KG,E#MO GB	Booklet	100 x 100 mm
Label SKU	15143657	Number of pages (Booklet)	4 pages
Label SKU Description	E,ROSAN,55WG,1.8KG,E#GB,M/F	Carton label	
Label SKU (earlier version(s))	n/a	Preprinted Material	x

**DIRECTIONS FOR USE**

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

**RESTRICTIONS**

Do not apply to forage maize and grain maize grown for seed production.

Do not apply with organo-phosphate insecticides.

Only treat healthy maize, preferably in good growing conditions, when the vegetation is dry.

ROSAN is generally highly selective of maize. In exceptional situations (cold, heavy rain), use of ROSAN can temporarily slow down growth.

Do not use during periods of frosty weather, when frost is imminent, or onto crops under stress from frost, water logging, insect attack or drought.

Special care should be taken to avoid damage by drift to broadleaved plants outside the target area or land intended for cropping e.g. lucerne, sugar beet, sunflower, oilseed rape, peas, vegetable crops, potatoes, soyabean, floral and ornamental crops, vines and fruit trees.

Optimum temperature for application: 10 - 25°C.

It is preferable to postpone application if an unfavourable weather period is expected (daily range of temperatures greater than 15°C, cold

periods with temperatures lower than 10°C on the 3 days prior to, or following application).

Ensure spraying equipment is thoroughly washed out according to specific instructions after use. Do not allow washings-out to drain onto land intended for cropping or growing crops

Do not mix with adjuvant oils or liquid fertilizers.

Do not apply ROSAN in sequence or in tank-mix with a product containing any other sulfonyl-urea.

**WEEDS CONTROLLED**

ROSAN is a herbicide based on prosulfuron and dicamba (sodium salt). It is used in maize post-emergence of weeds for the control of annual and perennial dicot weeds.

ROSAN combines two different modes of action: it is absorbed by the leaves and roots of the plant, and it also has a residual activity on some sensitive weeds.

ROSAN is available in the form of dispersible granules.

Always use ROSAN with an approved non-ionic type adjuvant.

ROSAN can be used to control the following weeds in maize. Weeds are best controlled from emergence until the 4 leaf stage.

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Weed	ROSAN at 0.300 kg/ha + non-ionic adjuvant
<b>ANNUAL DICOTS</b>	
Common amaranth	S
Common ragweed	S
Fat hen	S
Common fumitory	S
Prickly sow-thistle	S
Linaria sp.	R
Annual mercury	MS
Black nightshade	MS
Field pansy	R
Knotgrass	S
Black bindweed	S
Redshank	S
<b>PERENNIAL DICOTS</b>	
Hedge bindweed	MS
Docks*	MS

\*Control of docks is of seedling growth only  
KEY: S = susceptible, MS = moderately susceptible,  
R = resistant

## WEED RESISTANCE

**Resistance Strategy**  
Repeated use of herbicides based on active substances in the same chemical family, or with the same mode of action, may lead to the appearance of resistant organisms. To reduce this risk you are advised to use mixtures or sequences of herbicides based on active substances with different modes of action, both during a growing season and within the rotation. This will minimise the possible development of resistant weeds.

## CROP SPECIFIC INFORMATION

### Timing and Rates of Use

ROSAN should be applied to grain or forage crops of maize up to 6 leaves emerged stage excluding crops grown for seed production.

Refer to maximum weed growth stage limits approved. Annual weeds are best controlled from emergence until the 4 leaf stage. For the perennial weeds Hedge bindweed is susceptible up to 30 cm diameter and Docks are susceptible up until the beginning of the stem elongation phase.

Apply ROSAN at a maximum total dose of 0.3 kg product per hectare. The addition of an approved non-ionic.

## FOLLOWING CROPS AND RECULTIVATION

### Adjacent crops

Avoid any spray drift when spraying ROSAN near adjacent sensitive crops.

### Recultivation

In the case of failure of a maize crop treated with ROSAN, a waiting period of 4 weeks after treatment is recommended, together with ploughing before re-sowing of maize.

### Rotational crops

In the case of a normal rotation, after a maize crop treated with ROSAN,

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- The following crops may be planted in the autumn after normal harvest: all varieties of winter wheat, barley, rye and triticale, perennial ryegrass.
- The following crops may be planted in the spring after normal harvest: all varieties of spring wheat, barley, rye and triticale, combining peas, maize, field beans, forage kale, broccoli and cauliflower.
- Planting the following crops is not recommended: sugar beet, sunflower, lucerne.

## MIXING AND SPRAYING

### Spray Volume

Use a water volume of 150 - 300 litres per hectare.

### Spray Nozzles

A medium spray quality is preferred for application of ROSAN (see BCPC guidelines).

A spray pressure of 2-3 bar is recommended.

### Mixing and Spraying

Make sure the sprayer is set to give an even application at the correct volume.

### Dry Mixing - Sprayers with Induction Hoppers

Fill sprayer to 15% of tank capacity with water and start agitation. Pour ROSAN into the induction hopper and open valve in bottom of hopper to suck the granules into the circulating spray mix. Continue adding ROSAN until loading is complete. Wash down any granules on the hopper wall and close valve. Add the non-ionic surfactant and continue agitation whilst adding the rest of the water.

### Note for Old Sprayers with Indirect Venturi Induction Hoppers

In the unlikely event of problems occurring during dry induction of the granules (blocked venturi), open the rinse ring and add water to the hopper. As soon as product induction continues, carry on adding product until the required amount is reached.

## Sprayers Without Induction Hoppers

Fill sprayer with a minimum of 15 cm of water in the bottom and agitate vigorously. Pour ROSAN through the sprayer lid. Add the non-ionic surfactant and continue agitation whilst adding the rest of the water. Agitate the mixture thoroughly before use and continue agitation during spraying. Take particular care to avoid overlapping spray swathes. Thoroughly wash all spray and measuring equipment with water according to the directions below immediately after use.

### Washing-out instructions

To avoid subsequent injury to crops, immediately after spraying thoroughly clean the application equipment and protective clothing. Ensure that all traces of product are removed. The following recommendations are to be strictly followed:

1. Immediately after spraying, drain the tank completely. Wash any contamination off the outside of the sprayer with clean water.
2. Rinse the inside of tank with clean water and flush at least one tenth of the spray tank volume through the boom and hoses. Drain the tank completely.
3. Half-fill the tank with clean water and add the correct quantity of ALL CLEAR™ EXTRA. Agitate and then flush the boom and hoses with the solution. Top up completely with water and allow to stand for 15 minutes with agitation.
4. Again flush the boom and hoses and drain tank completely (if it is not possible to drain tank completely, repeat step 3 before going on).
5. Remove all the nozzles and filters and soak them in a bucket containing 50ml ALL CLEAR™ EXTRA per 10 litres water.
6. Rinse tank again with clean water and flush at least one tenth of the tank volume through the boom and hoses. Drain the tank completely.
7. For disposal of washings, follow the Code of Practice for the Safe Use of Pesticides on Farms and Holdings. Do not spray onto sensitive crops or land intended for planting with sensitive crops.

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