

AURORA®

Version and date : Version 4 – Autumn 2007

Changes since last version: Updated to incorporate PSD labelling guidelines.



This label is compliant with the CPA Voluntary Initiative Guidance

FORMULATION AND ACTIVE INGREDIENT : A water dispersible granule containing 50% w/w carfentrazone-ethyl for the control of broad-leaved weeds in winter and spring wheat, barley, and oats durum wheat, triticale and oats.

PACK SIZE : 100G

MAPP No. 11613





IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Crops:	Winter and spring wheat, winter and spring barley, winter and spring oats, durum wheat and triticale.
Maximum individual dose:	40g product per hectare
Maximum number of treatments:	Two per crop (one in the Autumn and one in the Spring).
Latest time of application:	Before third node detectable.

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.

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

	Aurora® 50WG	Water dispersible granule containing 50% w/w carfentrazone-ethyl
	Xi-IRRITANT	R43 – May cause sensitisation by skin contact R50/53 – Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	N-DANGEROUS FOR THE ENVIRONMENT	S2 – Keep out of reach of children. S24 – Avoid contact with skin. S37 – Wear suitable protective gloves. S46 – If swallowed seek medical advice immediately and show this container or label. S57 – Use appropriate containment to avoid environmental contamination.
To avoid risk to man and the environment, comply with the instructions for use.		

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 they provide an equal or higher standard of protection.
- WASH CONCENTRATE FROM SKIN OR EYES IMMEDIATELY.
- AVOID ALL CONTACT BY MOUTH.
- AVOID ALL CONTACT WITH SKIN.
- WHEN USING, DO NOT EAT, DRINK OR SMOKE.

Environmental protection

- Do not contaminate water with product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads

Storage and disposal

- KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
- KEEP OUT OF REACH OF CHILDREN.
- WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.
- KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
- DO NOT RE-USE CONTAINER FOR ANY PURPOSE

RESTRICTIONS : Do not apply Aurora 50WG to crops under stress from drought, water logging, cold, pests or diseases, nutrient or lime deficiency or other factors reducing plant growth. **Do not spray crops under sown with clover or other legumes or any broad-leaved crop.**

WARNING : Because some non-target crops are sensitive to Aurora 50WG, avoid spray drift onto broad-leaved plants outside the target area, or onto ponds, waterways and ditches.

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.

WEED CONTROL: Aurora 50WG is recommended for the post-emergence control of cleavers and ivy-leaved speedwell.

CLEAVERS (Galium Aparine): Optimal control is achieved when weeds are from 1 whorl up to a maximum growth stage of 20cm across / high. Treatment of weeds not within this range can result in poor spray coverage and reduced control.

IVY-LEAVED SPEEDWELL (Veronica Hederifolia): Optimal control is achieved when weeds have germinated and are not beyond the first stage of flowering. Treatment of larger weeds can result in reduced control.

DOSE: 40g Aurora 50WG/ha/application.

VOLUME: 200 – 400 litres of water per hectare ensuring that good overall coverage of the plant is achieved.

SPRAY QUALITY: MEDIUM (as defined by the BCPC).

CROP SAFETY AND TIMING: Aurora 50WG can be used on all varieties of winter and spring wheat, winter and spring barley, winter and spring oats, durum wheat and tritcale from the 2 leaf (GS12) stage of the crop up to before the 3rd node detectable stage (before GS33). Aurora 50WG may be used in seed crops.

NUMBER OF APPLICATIONS: Up to two per crop (one in Autumn and one on Spring). When Aurora 50WG has been used in the Autumn, a second application may also be made in the following spring where subsequent fresh weed flushes have occurred at a level that require treatment.

LATEST TIME OF APPLICATION: Before third node detectable (before GS33).

SUCCEEDING AND REPLACEMENT CROPS:

There is no restriction on the planting of any succeeding or rotational crop 3 months after the application of Aurora 50WG. All cereals, rye grass, maize, oilseed rape, peas, sunflower, Phacelia, vetch, carrot and onion can be sown 1 month after application of Aurora 50WG.

MIXING:

Half fill the spray tank with clean water. Commence agitation. Steadily add the recommended quantity of product to the spray tank (pre-mixing is not necessary). Complete filling and maintain agitation of the suspension before and during spraying until the tank is empty.

SPRAY TANK CLEAN OUT:

Immediately after spraying Aurora 50WG, drain tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with water and a commercially available cleaning agent (e.g. All Clear™ Extra). Rinse inside of tank with clean water and cleaning agent and flush through boom and hoses using at least one tenth of the spray tank volume. Drain completely. Repeat rinsing as above. Do not contaminate surface waters or ditches with rinse water or empty containers.

TECHNICAL ENQUIRIES:	01480 403333
24 HOUR EMERGENCY NUMBER:	0032 1458 4545

Always read the label. Use pesticides safely.

BELCHIM Crop Protection Limited
1B Fenice Court, Phoenix Park, Eaton Socon, St. Neots, Cambridgeshire PE19 8EP

Tel : 01480 403333	Fax : 01480 403444
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