

Technical note

NEW RULES ON THE USE OF ROUNDUP® ON NON-POROUS HARD SURFACES, 2012

BACKGROUND

The Chemicals Regulation Directorate, (CRD) have issued new labelling rules for all herbicides used on non-porous hard surfaces which manufacturers must comply with by May 2012. Restrictions have been introduced to ensure pesticide run-off from non-porous hard surfaces to water course is minimal and can be predicted by the HARDSPEC model used in assessing pesticides for approval.

Adopting the new rules will minimise the use of pesticides as required under the Sustainable Use Directive and will also save money by reducing unnecessary herbicide use in overall spraying. They will reduce run-off to drains and water bodies as required by the Water Framework Directive. The rules implement Best Practice advised by Monsanto into a mandatory legal requirement.

- New label restrictions apply from May 2012 to ensure Best Practice is followed.
- New wording will appear in the 'Directions for use' section of the product label.

AREAS OF USE

NON-POROUS HARD SURFACES



The rules apply only to spraying on non-porous hard surfaces.

There is little or no absorption, posing a high risk of run-off to the nearest drain after the first 2-3mm of rain.

Check labels carefully to see if they apply to your intended target before use

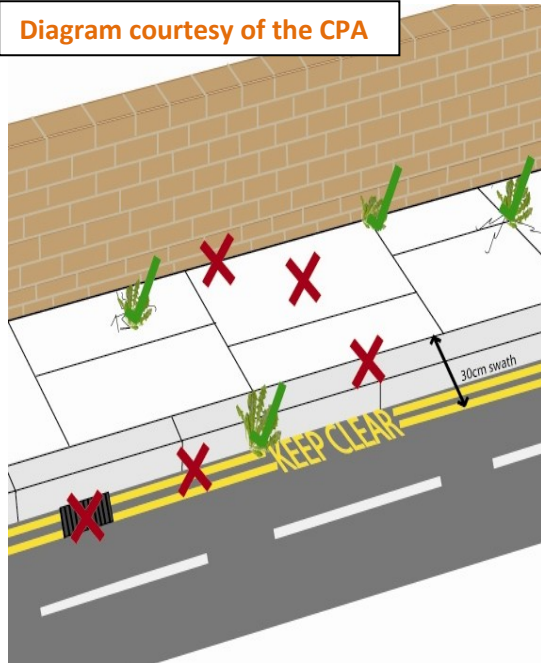
Natural surfaces not intended to bear vegetation, permeable surfaces overlying soil and railway ballast are *not* covered by the new rules.

NB. CRD defines railway ballast as a hard surface but in a separate category to all other hard surfaces because it is porous. Railway ballast is not covered by the new rules.

Glyphosate binds strongly to soil colloids and is classed as a non-leacher, so the risk of run-off is minimal from permeable surfaces and soil.



Diagram courtesy of the CPA



The new label wording will be included in the 'Directions of use' table on Roundup Pro Biactive, Roundup ProBiactive 450 and Monsanto Amenity Glyphosate labels printed from January 2012 onwards.

"Apply this product carefully. Ensure spraying takes place only when weeds are actively growing (normally March to October) and is confined only to visible weeds including those in the 30cm swath covering the kerb edge and road gully – do not overspray drains."

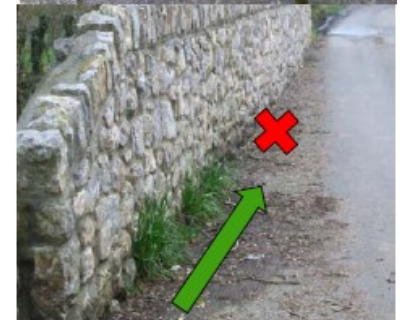
Spot treatment can be achieved using infra-red weed detection units, weed-wipers and by manual operation of ATV mounted units, knapsack, hand lance or CDA sprayers.



You should not overspray drains but you do not have to observe a 1m buffer around them.

By only treating weed foliage the potential run-off is reduced by 97% once it has dried on the leaf.

Run-off from treated leaf material is much reduced as most of the glyphosate enters the leaf within a few hours and only breaks down gradually as the plant dies and tissue rots.



CAUTION: When operating manually, do not stop and treat each individual weed with the standard dilution as this will result in overdosing. The trigger/switch should be turned on and off whilst continuing to walk.



You can spray weeds in a 30cm swath across the kerb edge to include any weeds growing in the gutter on the road side

For more information about Roundup Pro Biactive and Roundup ProBiactive 450, including safety phrases & symbols call the Monsanto Hotline 01954 717575

Or visit: www.monsanto-ag.co.uk E-mail: technical_helpline.uk@monsanto.com

Roundup contains glyphosate.

**Roundup and Biactive are registered trade marks of Monsanto Technology LLC
USE HERBICIDES SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.**

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