

ADAMA Rifle®

MAPP 15705

A contact post-emergence herbicide for annual broad-leaved weed control in sugar beet and fodder beet.

A suspo emulsion formulation containing 160 g/l (15.2% w/w) phenmedipham and 160 g/l (15.2% w/w) desmedipham.



Warning

Very toxic to aquatic life with long lasting effects. Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

Keep out of reach of children.

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.

5 litres e

To access the Safety Data Sheet for this product scan the QR code or use the weblink: <http://goo.gl/57YOZD> – Alternatively, contact your supplier.

Scan for
Safety Data
Sheet



This leaflet/booklet is part of the approved label.

For advice on medical emergencies, fires or major spills telephone
the National Chemical Emergency Centre on 01865 407333

IMPORTANT INFORMATION

FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL HERBICIDE

Crops	Maximum individual dose (litres product/ha)	Maximum total dose (litres product/ha/crop)	Latest time of application
Sugar beet & fodder beet	1.0	3.0	Before crop leaves meet between the rows.

Other specific restriction:

Fodder beet must not be grazed by livestock or harvested for animal consumption until at least 100 days following the last application of RIFLE.

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

WASH CONCENTRATE from skin or eyes immediately.

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking and after work.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

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.

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

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5m of the top of the bank of a static or flowing water body, unless a Local Environmental 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 result of the LERAP must be recorded and kept available for inspection for three years. To protect aquatic organisms, respect an unsprayed buffer zone distance to surface water bodies in line with LERAP requirements.

Storage and Disposal

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

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

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 and warnings

Do not apply to crops suffering from stress. This may be due to a number of factors e.g. nutrient or trace element deficiency such as manganese, soil acidity, drought, periods of low temperatures or frost, substantial day to night time fluctuations, high light intensity, wind or hail damage, use after other herbicides, pest or disease attacks.

Do not apply when temperatures exceed 21°C or in strong sunlight. If treatment is essential, delay spraying until the temperature falls and light intensity reduces.

An interval of at least 7 days must elapse between applications of RIFLE®.

Weeds controlled

RIFLE has no residual action. RIFLE is absorbed by emerged weed leaves and the susceptible weeds are killed by a 'scorching' action. In warm weather effects are normally seen in 2-3 days, but in cooler weather this may take up to 10 days.

Weed control should be based on a series of well timed, low dose programme sprays, as a single application is rarely sufficient for control due to the long weed germination period.

Weeds controlled (depending on correct dose and timing) – when applied as a series of well timed, low volume applications to weeds at cotyledon stage.

Black nightshade
Common chickweed
Common field-speedwell
Field pansy
Field penny-cress
Groundsel
Ivy-leaved speedwell
Mayweeds
Shepherd's purse

If susceptible weeds are beyond the cotyledon stage, the first application will normally check the weed growth and subsequent applications will give control of the susceptible weeds.

Moderately susceptible

Fat-hen

Moderately resistant weed

Repeat applications at low volume (expanded cotyledon stage unless otherwise stated):

Red dead-nettle

Other annual grass weeds and perennial weeds are not controlled by RIFLE.

Crop specific information

RIFLE may be used on all sugar beet and fodder beet varieties.

Soil

RIFLE is a contact herbicide and can be used on all soil types.

Time of application

RIFLE can be safely applied to healthy crops before crop leaves meet between the rows.

The recommended time of application is at the fully expanded cotyledon stage of the largest weed present. A single application of RIFLE will not give season-long control. Subsequent applications should be made as each flush of weeds reaches the cotyledon stage. Susceptible weeds may not be killed by the first treatments but may be checked and then controlled by later applications.

Rate of use

Maximum individual dose	1.0 L/ha
Maximum total dose	3.0 L/ha
Water volume	80-100 L/ha

Following crops

Beet crops may be sown at any time following the use of RIFLE.

Mixing and spraying

Add the required quantity of RIFLE to a quarter-filled spray tank with continuous agitation, then add the remaining volume of water. Continue agitation during spraying.

Ensure that all spraying equipment is thoroughly washed out immediately after use.

Apply as a fine spray as defined by BCPC.

Avoid spray drift.

Take care to avoid overlapping.

Compatibility

RIFLE is compatible with the following products:

Goltix® 70 SC

RIFLE + Goltix 70 SC

For improved control and residual activity, Goltix 70 SC, containing metamitron, may be added to RIFLE applications in a low volume post-emergence programme.

Timing

A tank-mix of RIFLE + Goltix 70 SC may be applied at any time of the crop.

RIFLE and Goltix 70 SC must be sprayed when the weeds are small (cotyledon to first true leaf stage) at any time after the crop has reached the fully expanded cotyledon stage.

Add Goltix 70 SC at 1.0 L/ha to RIFLE.

Goltix 70 SC should be thoroughly dispersed in the spray tank 1/3 full of water before adding RIFLE. Continue agitation whilst spraying.

Always read the label of the partner product carefully before use.

DISCLAIMER/CONDITIONS OF SUPPLY

The specified properties of our products and the mode of application stated on this label have been established on the basis of research and experience. Products conform to specification at the time of delivery but, as we exercise no control over their subsequent storage, handling, mixing or use or the weather conditions before, during and after application, all of which may affect the performance of the products, no responsibility or liability will be accepted by us or our re-sellers for any failure in performance, damage or injury to person or property whatsoever arising from the storage, handling, application or use of the products. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in or make recommendations concerning the use of such products. We recommend you contact your dealer to request advice on the suitability of this product for any new and/or unusual growing methods or for new varieties not listed on this label.

Marketing company

Adama Agricultural Solutions UK Ltd
Unit 15, Thatcham Business Village
Colthrop Way, Thatcham, Berkshire RG19 4LW
Telephone: 01635 860555
Technical Helpline: 01635 876222
www.adama.com
Email: ukenquiries@adama.com

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SHAKE WELL BEFORE USE PROTECT FROM FROST

Batch No.: see packaging

Adama Agricultural Solutions UK Ltd

Unit 15, Thatcham Business Village, Colthrop Way, Thatcham, Berkshire RG19 4LW

Telephone: (01635) 860555 | Technical Helpline: (01635) 876622

www.adama.com | ukenquiries@adama.com

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

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