GOLTIX® 70 SC

GROUP 5 HERBICIDE

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MAPP 16638 PCS 04668

A selective herbicide with foliar and root activity for use in sugar beet, beetroot, fodder beet and mangels.

A suspension concentrate formulation containing 700 g/l (58.3% w/w) metamitron. Also contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-2-one (3:1).

FOR PROFESSIONAL USE ONLY **UFI: 9PS1-124Y-800W-7TSE**

ADAMA

Scan for Safety Data Sheet or use weblink:
https://bit.ly/2JzBgxg

FR R3.4 APR22



Warning

Harmful if swallowed.
May cause an allergic skin reaction.
Very toxic to aquatic life with long lasting effects.
Keep out of reach of children.
Avoid breathing vapours/spray.
Do not eat, drink or smoke when using this product.
IF ON SKIN: wash with plenty of soap and water.
If skin irritation or a rash occurs: get medical advice/attention.
UK only: 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.
Ireland only: 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 avoid risks to human health and the environment, comply with the instructions for use.

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SAMPLE

GOLTIX® 70 SC

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SHAKE WELL BEFORE USE

PROTECT FROM FROST

DIRECTIONS FOR USE:
full instructions in this leaflet.
Batch No.: see packaging

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Telephone: +44 (0)1635 860555 **| Technical Helpline:** +44 (0)1635 876622
www.adama.com | ukenquiries@adama.com

For advice on medical emergencies, fires or major spills telephone the UK National Chemical Emergency Centre on +44 (0)1865 407333

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

OPEN HERE ▶

SAFETY PRECAUTIONS

Operator Protection

UK only - 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.
WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.
UK only - However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.
TAKE OFF IMMEDIATELY all contaminated clothing.
WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.
WASH HANDS AND EXPOSED SKIN before eating and drinking 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.
Extreme care must be taken to avoid spray drift on to non-crop plants outside of the target area.

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.
DO NOT RE-USE CONTAINER FOR ANY PURPOSE.

IMPORTANT INFORMATION

FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL HERBICIDE

Crop	Maximum individual dose (litres product/ha)	Maximum total dose (litres product/ha)	Latest time of application
Sugar beet, red beet, fodder beet and mangels	2.0	5.0	Before crop leaves meet between the rows.

Other specific restrictions:
The minimum interval between applications is 6 days.
Fodder beet and mangels must not be grazed by livestock or harvested for animal consumption until at least 32 days following the last application.

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.

BK R3.4 APR22

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SAMPLE

This leaflet is part of the approved label.

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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.

GOLTIX® 70 SC is a versatile crop safe selective herbicide with contact and residual properties acting by both leaf and root uptake for the control of annual weeds in sugar beet, red beet, fodder beet and mangels. GOLTIX 70 SC is absorbed by the roots of any emerging weeds.

RESTRICTIONS AND WARNINGS

Pre-emergence application is not recommended on organic soils.

Factors affecting crop tolerance

GOLTIX 70 SC exhibits great safety to beet combined with consistent weed control when used as recommended. The beet plant is, however, very sensitive to herbicide treatments if the following stress factors occur: previously applied pesticides and herbicides (other than GOLTIX 70 SC pre-emergence on mineral soils), soft growth after prolonged rain, sudden changes in temperature, high light intensity, high radiant temperatures, prolonged low temperature periods, insect and fungal attack, damage by wind blows, nutrient deficiencies such as manganese. If these or any other stress-inducing conditions occur, some cotyledon tip scorch may occasionally result. Under these conditions crop tolerance to GOLTIX 70 SC + Cropspray 11E (UK only)/Newman Cropspray 11 E (Ireland only) may be reduced, particularly when used in conjunction with other herbicides either as tank-mixes or sequentially.

Uneven application

Spraying can be uneven due to the movement of spraying equipment, ground undulations, proximity of hedgerows etc. This can lead to local high dosages of chemical and damage to the crop for which no responsibility can be accepted by the suppliers.

RESISTANCE

This product contains metamitron, a Group 5 herbicide, based on the mode of action classification system of the Herbicide Resistance Action Committee. Repeated use of herbicides with the same mode of action can increase the risk of strains of weeds developing resistance to these compounds, leading to poor control. In order to minimise the risk, a strategy for preventing and managing such resistance should be adopted.

Growers are advised to apply products containing herbicides with different modes of action in sequence or tank-mix where two or more components are active against the target weeds.

Use the recommended rate of GOLTIX 70 SC and the correct application timing for the hardest to control weed species present in the field.

The above should be used in conjunction with effective cropping rotation and cultivation techniques e.g. stale seedbed, cultivation and use of non-selective herbicide prior to drilling.

Further guidance on weed resistance management is available from the Herbicide Resistance Action Committee (HRAC) and Weed Resistance Action Group (WRAG). Follow WRAG Guidelines.

WEEDS CONTROLLED

Pre-emergence followed by post-emergence applications

Weeds controlled from a pre-emergence application of GOLTIX 70 SC followed by a programme of well timed sprays of post-emergence (at the early cotyledon stage of the weeds) applications of GOLTIX 70 SC + Cropspray 11E (UK only)/Newman Cropspray 11E (Ireland only).

Susceptible

Dead-nettle, red	Groundsel
Fat-hen	Scarlet pimpernel

Moderately susceptible

Chickweed, common

Resistant

Black-bindweed	Knotgrass
Cleavers	Pansy, field

SAMPLE

Post-emergence programme

Weeds controlled at early cotyledon stage from a series of well timed sprays of GOLTIX 70 SC + Cropspray 11E (UK only)/Newman Cropspray 11E (Ireland only) applications.

Susceptible

Annual meadowgrass	Chickweed, common
Dead-nettle, red	Fat-hen
Groundsel	Hemp-nettle, common
Nettle, small	Orache, common
Pineappleweed	Poppy, common
Shepherd's purse	Speedwells

Moderately susceptible

Forget-me-not, field	Knotgrass
Mayweeds	Pansy, field
Penny-cress, field	Persicaria, pale
Redshank	Scarlet pimpernel

Moderately resistant

Fumitory, common	Parsley, fool's

Resistant

Black-bindweed	Cleavers
Perennial weeds	

It is important to adhere to the full programme of sprays to ensure complete kill, particularly under dry soil conditions.

CROP SPECIFIC INFORMATION

GOLTIX 70 SC is recommended for use in all varieties of sugar beet grown on mineral and organic soils and red beet, fodder beet and mangels grown on mineral soils.

TIME OF APPLICATION

GOLTIX 70 SC may be applied either as a pre-emergence application followed by post-emergence applications or as a post-emergence programme.

Pre-emergence of beet followed by post-emergence applications:

Apply the first application of GOLTIX 70 SC at the pre-emergence stage of the crop. Prolonged dry weather after application may reduce effectiveness.

Best results will be obtained on a fine, well consolidated seedbed, free from clods and established weeds. Cloddy or fluffy seedbeds or very dry conditions will reduce activity.

A second application should be applied post-emergence of the crop at the first weed flush, when the weeds are at the expanded cotyledon stage. A further application should be applied when the next flush of weeds germinate. This is usually 10-21 days after the first post-emergence application.

Post-emergence programme:

The first application should be made at the cotyledon stage of the earliest germinating weeds. The size of the beet does not matter provided the crop is not under stress. The treatment should be repeated as each flush of weeds reaches the cotyledon stage until weed germination ceases.

If weeds have survived the previous spray 7-10 days after treatment, another application should be made even if no new weeds have germinated during the period.

RATE OF USE

Pre-emergence of beet followed by post-emergence applications:

On all mineral soils apply GOLTIX 70 SC at 1.65 L/ha in 80-200 litres of water per hectare as an overall pre-emergence application. This should precede two post-emergence sprays of GOLTIX 70 SC at 1.65 L/ha + Cropspray 11E (UK only)/Newman Cropspray 11E (Ireland only) at 1.65 L/ha applied in 80-100 L/ha water. Alternatively an application of GOLTIX 70 SC may be used pre-emergence at 2.0 L/ha followed by 2 post-emergence applications of GOLTIX 70 SC at 1.5 L/ha + Cropspray 11E (UK only)/Newman Cropspray 11E (Ireland only) at 1.65 L/ha.

Post-emergence programme:

An overall programme of three sprays using: GOLTIX 70 SC 1.65 L/ha + Cropspray 11E (UK only)/ Newman Cropspray 11E (Ireland only) at 1.65 L/ha in 80-100 litres of water per hectare.

N B. The residual activity of GOLTIX 70 SC is dependent on the cumulative rate of GOLTIX 70 SC applied; therefore, if the full programme of sprays is not used, residual activity and efficacy will be reduced.

SAMPLE

FOLLOWING CROPS

Beet crops may be sown at any time following the use of GOLTIX 70 SC.

Providing 16 weeks elapse from the last application of GOLTIX 70 SC, winter cereals may be sown in the same season. Any spring crop may be sown in the season following use of GOLTIX 70 SC or GOLTIX 70 SC/Cropspray 11E (UK only)/Newman Cropspray 11E (Ireland only).

Mouldboard ploughing to a depth of 15 cm followed by thorough cultivation is recommended before planting any crop.

MIXING AND SPRAYING

Thoroughly shake the pack before use.

Add the required quantity of GOLTIX 70 SC to the half-filled spray tank with the agitation system in operation and then fill to the required level. Continue agitation at all times during spraying and stoppages until the tank is completely empty. Spray immediately after mixing.

When tank-mixes are to be used, each product should be added separately to the tank; the GOLTIX 70 SC should be dispersed first unless otherwise specified under the Compatibility section.

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.

Pre-emergence of the crop use a FINE-MEDIUM spray and post-emergence a FINE spray as defined by the BCPC system. Avoid spray drift.

Do not use finer than 80 mesh filters in spray lines or nozzles.

Clean spray equipment thoroughly after use.

Crops should not be re-entered until spray residues are dry.

COMPATIBILITY

UK only

GOLTIX 70 SC can be used as a 2-way tank-mix with any of the following products to improve the weed control spectrum:

Powertwin®
Cropspray 11E

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

Ireland only

For information on tank-mixes, consult Adama Agricultural Solutions UK Ltd, your agronomist or your distributor.

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.

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