



SPOTLIGHT PLUS

**FOR USE ONLY AS AN AGRICULTURAL HERBICIDE AND DESICCANT
FOR PROFESSIONAL USE ONLY**

A micro-emulsion (ME) formulation containing 60 g/L carfentrazone-ethyl (7.04% w/w) for the control of weeds in potatoes, desiccation of potato haulm and for weed control prior to planting any edible or non edible crop

WARNING

Spotlight® Plus – a micro-emulsion (ME) formulation containing 60 g/l carfentrazone-ethyl.



**May cause an allergic skin reaction.
Very toxic to aquatic life with long lasting effects.**

Wear protective gloves / protective clothing / eye protection / face protection.

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean triple-rinsed 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.

PCS No. 03294



Net contents: **5 L^e**

Production date / Batch number : see container

**Protect from frost
Shake well before use**

24 Hour emergency
No. 0032 14 58 45 45



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Distributed by:



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Crop	Max. single dose (Litres product/ha)	Max. No. of applications at max. single dose	Max. total dose (litres product/ha)	Latest time of application
Potato (ware)	Weed control: 0.333 Dessication: 1.0	One per crop -	0.333 1.6	Up to 10% crop emergence. 7 days before harvest.
Potato (seed)	Weed control: 0.333 Dessication: 1.0	One per crop -	0.333 1.6	Up to 10% crop emergence. 7 days before harvest.
All edible and non-edible crops (before planting)	0.333	One	0.333	One month before planting.

Restrictions

- Do not leave the diluted product in the tank overnight.
- Because some non-target plants are sensitive to Spotlight® Plus, avoid spray drift onto broad-leaved crops outside of the target area.
- 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).

Resistance: As part of Good Agricultural Practice steps should be taken to adopt a resistance management strategy as standard. Spotlight® Plus should be alternated with herbicides with a different mode of action. Any subsequent herbicide applications should be made using herbicides with a different mode of action and a similar spectrum of activity.

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.

Spotlight® Plus is a contact herbicide/desiccant which can be used for weed control in potatoes, for weed control prior to planting a subsequent crop and as a desiccant of potato haulm. Consult processors before using two or more applications of Spotlight® Plus on first and second early varieties of potato as safety has not been established.

Crop	Max. single dose (Litres product/ha)	Max. No. of applications at max. single dose	Max. total dose (Litres product/ha)	Latest time of application
Potato (ware)	Weed control: 0.333 Desiccation: 1.0	One per crop	0.333 1.6	Up to 10% crop emergence. 7 days before harvest.
Potato (seed)	Weed control: 0.333 Desiccation: 1.0	One per crop -	0.333 1.6	Up to 10% crop emergence. 7 days before harvest.
All edible and non-edible crops (before planting)	0.333	One	0.333	One month before planting.

WEED CONTROL

Spotlight® Plus is a contact only herbicide. Weeds emerging after application will not be controlled.

The following weeds are susceptible to Spotlight® Plus when applied early post-emergence:

CROPS/SITUATIONS - Potatoes

- Prior to planting subsequent crop

SOIL TYPE	- Any soil type	
LATEST TIMING	- First Earlies - up to 5% emergence;	
POTATOES	- Second Earlies and Maincrops - up to 10% crop emergence	
LATEST TIMING PRIOR TO PLANTING A SUBSEQUENT CROP		
- 1 month before planting		
RATE OF APPLICATION 0.333 L/ha		
BROAD-LEAVED WEEDS Growth stage		
Black bindweed	Cots - 2ETL	susceptible
Cleavers	Cots - 1 whorl	susceptible
Common groundsel	Cots - 1ETL	susceptible
Fat hen	Cots - 1ETL	susceptible
Field pansy	Cots - 4ETL	susceptible
Tivy-leaved speedwell	Cots - 4ETL	susceptible
Knotgrass	Cots - 3ETL	susceptible
Perennial sowthistle	Cots - 2ETL	susceptible
Redshank	Cots - 3ETL	susceptible
Small nettle	Cots - 2ETL	susceptible
Volunteer oilseed rape	Cots - 2ETL	susceptible

For use as an early post emergence herbicide in potatoes TIMING

Crop: Spotlight® Plus may be applied from pre-crop emergence up to before 5% crop emergence (i.e. 1 plant in 20 emerged) in first early varieties and before 10% crop emergence (i.e. 1 plant in 10 emerged) in second early and maincrop varieties. No plants should be more than 10cm high in any case.

Weed: For optimum control application should be made when weeds are between the cotyledon and 2-4 expanded leaf stage. Weeds emerging after application will not be controlled.

Treatment may cause burn off of emerged potato shoots within 7-10 days. Subsequent crop growth and yield are unaffected.

DOSE: The recommended dose of Spotlight® Plus is 0.333 L/ha

VOLUME OF WATER AND SPRAY PRESSURE:

Apply Spotlight® Plus in 200 L of water per hectare at a minimum spray pressure of 3 Bar using a MEDIUM spray quality

For use prior to planting a subsequent crop TIMING

Apply Spotlight® Plus when the weeds are no bigger than the maximum growth stages stated in the weed control table. An interval of 1 month, must be observed before planting any subsequent crop.

DOSE: The recommended dose of Spotlight® Plus is 0.333 L/ha

VOLUME OF WATER AND SPRAY PRESSURE

Apply Spotlight® Plus in 200 L of water per hectare at a minimum spray pressure of 3 Bar using a MEDIUM spray quality

POTATO HAULM DESICCATION

TIMING

Seed and ware crops:

Apply Spotlight® Plus at the onset of senescence.

For crops with very vigorous haulm or where re-growth occurs following a single application a second application may be necessary to achieve satisfactory desiccation. This may be the case for certain maincrop varieties, especially Maris Piper, because of inherent vigour. A minimum interval between applications of 7 days should be observed to achieve optimum performance.

Allow at least 14-21 days between the final application and lifting to allow skins to set if tubers are to be stored.

Flailed Crops:

Crops should be flailed when tubers have reached the desired size and, sprayed with Spotlight® Plus ensuring that the flailed haulm is not flailing the stems that remain. Efficacy will be reduced where flailed, haulm covers the stems at application.

DOSE

Seed and ware crops:

The recommended dose of Spotlight® Plus after flailing of the crop is 1.0L product/ha

When a second application is made this must not exceed 0.6L product/ha

Volume of water and spray pressure

Apply Spotlight® Plus in 300 to 600 L of water per hectare (use a higher water volume where potato foliage is dense) and at a minimum spray pressure of 3 Bar. A MEDIUM spray quality should be used.

Spray criteria

As Spotlight® Plus acts by contact action only it is important to follow the application parameters stated below if optimum desiccation is to be achieved.

- Application using a well maintained and calibrated sprayer
- Volume of water adjusted to the density of foliage (300-600 L/ha).
- Pressure and forward speed adjusted to obtain the best penetration of the product into the foliage

Succeeding and replacement crops

There is no restriction on the planting of any succeeding crop 1 month after the application of Spotlight® Plus.

MIXING

SHAKE WELL BEFORE USE

Half fill the spray tank with clean water. Commence agitation. Steadily pour the required amount of Spotlight® Plus into the spray tank or induction bowl. Ensure all product has thoroughly mixed with the water and no traces are present in the induction bowl. Complete filling of the spray tank and maintain agitation until spraying is complete.

SPRAY TANK CLEAN-OUT

To avoid potential damage to other crops thoroughly clean all spray equipment (including inside and outside of the lid) using clean water:

1. Immediately after spraying of Spotlight® Plus, drain tank completely. Any contamination of the outside of the spraying equipment should be removed by washing with water to which should be added a commercially available cleaning agent
2. Rinse the inside of the tank with clean water, to which should be added a commercially available cleaning agent and flush through the boom and hoses using at least one tenth of the spray tank volume. Drain tank completely. Repeat operation.
3. Do not contaminate surface waters or ditches with rinse water or empty containers.

DISPOSAL OF EMPTY PACKAGING AND SURPLUS PRODUCT AFTER TREATMENT

The empty packaging which contained this product must be rinsed with water using a manual system (three successive rinsing procedures), or by using a system of washing with water under pressure. The water used for cleaning must be returned into the spray tank. The packaging must be removed by the user to an assembly point established for this purpose. Dilute any surplus product left after treatment by about 10 times, and spray it on the area already treated in accordance with the instructions for use.

WARRANTY

The seller makes no warranty, expressed or implied, with regard to the use of the product other than that indicated on the label. The purchaser and user shall assume all risk associated with the use and/or handling and/or the storage of the product, if this use and/or handling and/or storage are carried out contrary to the instructions on the label.

DAMAGES

Buyer's or user's exclusive remedy for damages, breach of warranty, or negligence, shall be limited to the direct damage, and shall not exceed the purchase price of the product, and shall not include any incidental or consequential damages.

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To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



WEblink to specific data sheet on manufacturer's website:

www.belchim.co.uk/pdf/MSDS/SpotlightPlus_MSDS.pdf

Alternatively, contact your supplier.