



An agricultural herbicide for the control of weeds in potatoes and the destruction of potato haulm.

An emulsifiable concentrate (EC) formulation containing 26.5 g/L pyraflufen-ethyl.

MAPP No.: 18187

GROUP	E	HERBICIDE
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H304 May be fatal if swallowed and enters airways
 H315 Causes skin irritation
 H317 May cause an allergic skin reaction
 H318 Causes serious eye damage
 H332 Harmful if inhaled
 H410 Very toxic to aquatic life with long lasting effects

P280 Wear protective gloves / protective clothing / eye protection / face protection
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician
 P302+P352 IF ON SKIN: Wash with soap and water

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
 P310 Immediately call a POISON CENTRE or doctor / physician
 P312 Call a POISON CENTRE or doctor / physician if you feel unwell
 P331 Do NOT induce vomiting

EUH401 To avoid risks to human health and the environment comply with the instructions for use.

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE / DESICCANT as directed below:

Crop: **Potato**
 Maximum individual dose: **0.8 L/ha**
 Maximum total dose: **1.6 L/ha**
 Latest time of application: **14 days before harvest.**

Other specific restrictions: A minimum interval between applications of 7 days must be observed.

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.



Marketing company: **Belchim Crop Protection Limited**

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Content: **5L e**

**FOR PROFESSIONAL USE ONLY
 PROTECT FROM FROST**

Batch number: see packaging



**24 hour emergency number:
 0032 14 58 45 45**



DANGER



This label is compliant with the CPA Voluntary Initiative Guidance.

Approval holder: **Nichino Europe Ltd.**
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This booklet is part of the approved Product Label

SAFETY PRECAUTIONS

Operator Protection

Engineering control of operator exposure must be used where reasonable practicable in addition to the following personal protective equipment:

- * WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

- * AVOID CONTACT WITH SKIN and EYES.
- * WHEN USING DO NOT EAT, DRINK OR SMOKE.
- * WASH CONCENTRATE from skin or eyes immediately.
- * WASH HANDS AND EXPOSED SKIN before meals and after work.
- * IF YOU FEEL UNWELL seek medical advice immediately (show label where possible).

Environmental Protection

- * To protect aquatic organisms, respect an unsprayed buffer zone distance to surface water bodies in line with LERAP requirements.
- * 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 Environment 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 the 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 PSD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.
- * Do not contaminate water with the product or its container. (Do not clean application equipment near surface water/Avoid contamination from farmyards and roads).
- * THIS MATERIAL AND ITS CONTAINER must be disposed of in a safe way.

Storage and Disposal

- * KEEP OUT OF REACH OF CHILDREN.
- * KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
- * KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
- * WASH OUT CONTAINER THOROUGHLY and dispose of safely.
- * Non-returnable containers must not be re-used for any purpose.
- * 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.
- * PROTECT FROM FROST.

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.

GENERAL INFORMATION

KABUKI controls annual broad-leaved weeds mainly by contact action after uptake by the leaf and other aerial parts of the plant. KABUKI can be used for weed control in potatoes. KABUKI is activated by strong sunlight and warm temperatures. Application is therefore best made during the early and middle part of the day.

CROP SPECIFIC INFORMATION

FOR USE AS AN EARLY POST-EMERGENCE HERBICIDE IN POTATOES

Rate Of Use: 0.4 L/ha of KABUKI plus 1.0 L/ha of TOIL adjuvant

Volume: Apply KABUKI in 200 L/ha of water.

Pressure: Spray at a minimum of 3 bars.

Weed Control

The following broad-leaved weeds are susceptible to KABUKI, when applied early post-emergence:

Weed	Growth stage	Susceptibility
Amaranth, common	Cots – 2ETL	susceptible
Annual mercury	Cots – 3ETL	susceptible
Black nightshade	Cots – 2ETL	susceptible
Cleavers	Cots – 1 whorl	susceptible
Common groundsel	Cots – 4ETL	susceptible
Fat hen	Cots – 4ETL	susceptible
Field bindweed	Cots – 4ETL	susceptible
Field pansy	Cots – 4ETL	susceptible
Knotgrass	Cots – 2ETL	susceptible
Redshank	Cots – 2ETL	susceptible
Scented mayweed	Cots – 4ETL	susceptible
Shepherd's purse	Cots – 2ETL	susceptible
Volunteer oilseed rape	Cots – 6ETL	susceptible

Optimal control will be achieved with an application 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 4-10 days. Subsequent crop growth and yield are normally unaffected.

Soil Type: Any soil type

Latest Timing

First Earlies – applied from pre-crop emergence up to before 5% crop emergence.

Second Earlies and Maincrops – applied from pre-crop emergence up to before 10% crop emergence.

Potatoes should be less than 10cm high.

POTATO HAULM DESICCATION

KABUKI is a contact defoliant for use as a haulm desiccant in potatoes. It can be used on all main crop potato varieties which are normally desiccated.

Only apply KABUKI to potatoes that have reached the onset of natural senescence.

For effective desiccation KABUKI must always be tank mixed with a methylated vegetable oil such as TOIL (A0907), Phase II (A0622) or Spraymate (A0621) at a minimum rate of use of 1.5 L/ha of adjuvant.

Under warm dry conditions and where crops are rapidly senescing one application of KABUKI may be sufficient to destroy potato haulm. In practice it is normally necessary to make two applications in order to completely desiccate the potato haulm stems.

Where potatoes have been flailed, one following application of KABUKI should be adequate to achieve complete haulm desiccation.

On seed crops KABUKI should be applied at 0.8 L/ha following flailing, with the crops at the onset of natural senescence and applied once the flailed haulm is clear of the stems that remain.

Rate of Use: 0.8 L/ha of KABUKI plus 1.5 L/ha of TOIL adjuvant.

Up to 2 applications per crop.

The minimum interval between applications should be not less than 7 days.

The minimum interval between application and harvest for sale or use should be 14 days.

Volume: Apply KABUKI in a minimum of 200 L/ha of water.

When dealing with dense haulm increase the volume of spray up to 400 L/ha.

Pressure: Spray at a minimum of 3 bars.

Timing: Apply when natural senescence is commencing in the crop to be treated.

Weed Control: KABUKI will have a strong desiccant effect on many broad-leaved weed species present in the crop at application. It will not have any effects on grass weeds.

Compatibility: KABUKI applied at 0.8 L/ha plus a minimum rate of 1.5 L/ha of a methylated vegetable oil such as TOIL, may be tank mixed with Ranman Top (MAPP 14753) applied at 0.5 L/ha.

Harvest: Crops treated with KABUKI should be harvested when the haulm is totally dead and the potato tubers have set and have firm skins.

Succeeding Crops: After harvest treated land should be disc'd or cultivated and then ploughed to a minimum depth of 20 cms.

Winter cereal crops can be drilled following the above cultivation and ploughing.

Crop safety to broad-leaved crops sown after the use of KABUKI as a potato desiccant has not been established. Sowing crops not specifically listed may lead to crop damage and/or yield effects.

Avoid overlapping spray swaths.

MIXING AND SPRAYING

Mixing: Half fill the spray tank with clean water and start the agitation. Pour in the required amount of KABUKI and agitate. Add the required amount of TOIL. Add the remainder of the water whilst agitating and continue agitation until spraying is completed.

Spraying: Apply as a MEDIUM quality spray as defined by the BCPC International Spray Classification System.

Avoid overlapping spray swaths.

Drift: Take extreme care to avoid spray drift onto broadleaved crops or plants outside the target area. KABUKI will have adverse effects on broadleaved crops, fruit and glasshouse crops.

Do not spray near any open water such as rivers, lakes and water filled ditches. Drift onto open water of KABUKI will have deleterious effects on aquatic plants.

After Use: Wash equipment thoroughly immediately after use. Fill the tank with clean water plus wetter and flush out. Refill with water and spray out before storage or using other products. Traces of KABUKI may cause damage to susceptible crops sprayed later.

COMPANY ADVISORY INFORMATION

All goods supplied are manufactured to our usual standard of quality, but all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of the goods are excluded and no liability (save as to the liability to replace defective goods herein provided) will be accepted by us for any damage, loss or injury whatsoever arising out of, or in connection with, the goods or drums or other containers thereof, or from the storage, handling, applications or use thereof. In the case of alleged defects in the manufacture of the goods proved by the customer to our satisfaction we will, at our expense, replace or otherwise remedy the defective goods. In particular liability in tort arising in or out of the manufacture, distribution, sale or use of the product is hereby expressly excluded. All our goods are sold and supplied on the terms contained in our standard Conditions of Sale (of which the above is part) which shall prevail over any other terms and which may be inspected on request.

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/Kabuki_MSDS

Alternatively, contact your supplier.