

Roundup[®] Flex

(H) - *Herbicide*

15L_0650_30459117a1A1 GB



Improved performance



480 g/L glyphosate



Rainfast from 1 hour



*2 day cultivation interval
(Common Couch)*

A foliar applied translocated herbicide for the control of annual and perennial grass and broad-leaved weeds before sowing or planting of all crops.

For use pre-emergence and pre-harvest in cereals and certain other crops, for destruction of grassland, and the control of emerged weeds in stubbles, orchards, non-crop and aquatic areas.

Degraded by micro-organisms/ microbes in the soil.

This product must only be used in England, Scotland and Wales.

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

This product contains a soluble concentrate containing 480 g/L glyphosate, present as 588 g/L (43.8% w.w.) of the potassium salt of glyphosate.

PROTECT FROM FROST

MAPP: 21233

15 Litres

GROUP 9 HERBICIDE



(H) - Herbicide

A soluble concentrate containing 480 g/L glyphosate, present as 588 g/L (43.8% ww) of the potassium salt of glyphosate

This product must only be used in England, Scotland and Wales.

Bayer CropScience Ltd
230 Cambridge Science Park, Milton Road, Cambridge,
CB4 0WB, UK.
Telephone: 01223 226500
Website: <https://cropscience.bayer.co.uk>

For 24-hour emergency information contact Bayer CropScience Ltd.
Tel: 0330 678 3382 (24 hr)
National Poisons Information Centre UK: 0344 892 0111
(medical professionals only)

ROUNDUP FLEX

UFI: WYU1-TOP0-D002-AADX
Contains 480 g/L glyphosate, present as
588 g/L (43.8% ww) of the potassium salt of glyphosate.

Toxic to aquatic life with long lasting effects.
Wear protective gloves/protective clothing/eye
protection/face protection.
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.

IMPORTANT INFORMATION: FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL / HORTICULTURAL AQUATIC HERBICIDE

Crops/situations:

Wheat (including Durum wheat), barley, oats, combining peas, vining peas, field beans, Oilseed rape, mustard, linseed, Potatoes

Sugar beet, swedes, turnips, bulb onions, leeks and asparagus.

All edible crops (stubble), all non-edible crops (stubble). All edible and non-edible crops (destruction, before sowing/ planting).

Grassland.

Apples, pears; plums, cherries, damsons.

Green cover on land not being used for crop production.

Natural surfaces not intended to bear vegetation; permeable surfaces overlaying soil; hard surfaces.

Enclosed waters, open waters, land immediately adjacent to aquatic areas

Maximum individual dose:	}	
Maximum number of treatments:	}	Full details are given in the Statutory Area
Latest time of application:	}	on the attached leaflet
Other specific restrictions:	}	(Crop Specific Information – marked #)

IMPORTANT: Note that goods treated under the terms of this Great Britain authorisation can only be legally marketed in Northern Ireland if they are in accordance with the statutory EU Maximum Residue Level (MRL) set under Regulation (EC) No 396/2005. This may also apply to residues in animal products where treated crops are fed to livestock. Growers are advised to draw this to the attention of distributors and retailers so that EU MRL breaches and any associated enforcement against goods marketed in Northern Ireland are avoided.

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.

MAPP: 21233



Crop specific information #

	MAXIMUM INDIVIDUAL DOSE (LITRES OF PRODUCT PER HECTARE)	MAXIMUM TOTAL DOSE (LITRES OF PRODUCT / HECTARE / CROP)	LATEST TIME OF APPLICATION	OTHER SPECIFIC RESTRICTIONS
Pre-harvest of wheat, barley, oats, combining peas, field beans.	3.0	3.0 L/ha/crop	7 days before harvest	Users must consult the appropriate water body (Environment Agency/ Scottish Environmental Protection Agency) before using the product near water and must obtain their agreement before using this product to control aquatic weeds. The maximum concentration of active substance in treated water should not exceed 0.2 ppm. When applying through rotary atomisers, the spray droplet spectra produced must be of a minimum Volume Median Diameter (VMD) of 200 microns. Weed wipers may be used in any recommended crop where the wiper or chemical does not touch the growing crop. When using weed wipers, the maximum concentrations used must not exceed the following: Weed wiper Mini 1:3 dilution with water Other Wipers 1:2 dilution with water
Post planting and pre-emergence of listed cereals, oilseed rape, combining peas, vining peas, field beans, potatoes, mustard, linseed, sugar beet, swede, turnips, bulb onions and leeks.	1.0	1.0 L/ha/crop	Pre-emergence	
Asparagus	3.75	3.75 L/ha/crop	Pre-emergence	
Pre-harvest of oilseed rape and linseed.	3.0	3.0 L/ha/crop	14 days before harvest	
Pre-harvest of mustard.	3.0	3.0 L/ha/crop	8 days before harvest	
All edible and non-edible crops (stubble).	3.75 or 1.0	3.75 L/ha/year 1.0 L/ha/year	5 days before the drilling or planting of the following crop. 2 days before the drilling or planting of the following crop or 24 hours before cultivating.	
Permanent grassland (destruction), rotational grassland (destruction).	4.5	4.5 L/ha/year	5 days before harvest, grazing or drilling	
Apple and pear orchards.	3.75	3.75 L/ha/year	After harvest (post leaf-fall) but before green cluster stage	
Cherry, plum and damson orchards.	3.75	3.75 L/ha/year	After harvest (post leaf-fall) but before white bud stage	
All edible and non-edible crops (destruction before sowing/planting)	3.75	3.75 L/ha/year	-	
Green cover on land not being used for crop production (e.g. set aside)	4.5	4.5 L/ha/year	24 hours before cultivating	
Natural surfaces not intended to bear vegetation, permeable surfaces overlaying soil, hard surfaces	3.75 litres/hectare	-	-	
Enclosed waters, open waters, land immediately adjacent to aquatic area	4.5 litres/hectare	-	-	

RECOMMENDATION TABLES

AREA OF USE	CROP/SITUATION	TARGET WEEDS/USAGE	WEED INFESTATION	APPLICATION RATE L/HA	WATER VOLUME	APPLICATION TIMING AND GUIDANCE
STUBBLES, PRE-SOWING and PRE-PLANTING.	BEFORE ALL CROPS EXCEPT ORCHARDS	Common Couch	Up to 75 shoots/m ² Over 75 shoots/m ²	2.25 3.0	80-250 L/ha*	Do not cultivate immediately before spraying. For PERENNIAL weed control, allow: – 21+ days growth before spraying in spring – VOLUNTEER POTATOES to make ample top growth – 5 days before cultivating or drilling For ANNUAL weed control, allow: – 24 hours before cultivating – 48 hours before direct drilling Allow 7 days before planting trees * Rotary atomisers may be used at a water volume of 10-40 L/ha. Ensure droplet diameter falls within the range 200-300 microns.
		Other perennial grasses; volunteer potatoes (autumn only)	All levels/species	3.0		
		Volunteer cereals and annual weeds	All levels/species	1.0		
		Perennial broad leaved weeds	All levels/species	3.75		
	BEFORE ORCHARD PLANTING	Perennial grasses and broad-leaved weeds	Arable weeds Pasture weeds	3.0 3.75		
POST SOWING/ PLANTING, PRE-EMERGENCE OF THE CROP	LISTED CEREALS, OILSEED RAPE, POTATOES, MUSTARD, LINSEED, PEAS, FIELD BEANS, SUGAR BEET, SWEDE, TURNIP, BULB ONION and LEEK	Volunteer cereals and annual weeds	All levels/species	1.0	80-250 L/ha*	CAUTION – Ensure that spraying precedes ANY crop emergence. *Rotary atomisers may be used at a water volume of 10-40 L/ha. Ensure droplet diameter falls within the range 200-300 microns.
	ASPARAGUS	Annual weeds Perennial grasses Perennial broad-leaved weeds	All levels/species	1.0 3.0 3.75		CAUTION – Ensure that spraying precedes ANY new spear emergence
ALL EDIBLE AND NON-EDIBLE CROPS (DESTRUCTION, BEFORE SOWING/ PLANTING)	Vegetation management	-	Annual weeds Perennial grasses Perennial broad-leaved weeds	1.0 3.0 3.75	80-250 L/ha* or hand-held equipment (p.10)	*Rotary atomisers may be used at a water volume of 10-40 L/ha. Ensure droplet diameter falls within the range 200-300 microns Do not use in or alongside hedgerows
GREEN COVER ON LAND NOT BEING USED FOR CROP PRODUCTION E.G., "SET ASIDE	BEFORE or DURING REMOVAL FROM PRODUCTION e.g., prior to growing a set aside mixture	Common Couch	Up to 75 shoots/m ² Over 75 shoots/m ²	2.25 3.0	80-250 L/ha* or Hand-held equipment (p.10) or Tractor mounted weed wiper (p.10)	Before using on land taken out of production as part of a grant aided scheme, ensure compliance with the management rules of that scheme. Do not 'top' or cultivate immediately before application. For PERENNIAL weed control, allow:- – 21+ days growth before spraying in spring – 5 days before cultivating or drilling. For ANNUAL weed control, allow: – 24 hours before cultivating.
		Perennial broad-leaved weeds and other perennial grasses	All levels/species	3.0		
		Annual weeds – Early autumn/spring – Late spring/summer	All levels/species All levels/species	1.0 2.25		
		Natural regeneration and cover crop destruction	Annual weeds only Perennial grasses Perennial broad-leaved weeds Perennial broad-leaved weeds as listed below.	2.25 3.00 3.75 4.5+		

AREA OF USE	CROP/SITUATION	TARGET WEEDS/USAGE	WEED INFESTATION	APPLICATION RATE L/HA	WATER VOLUME	APPLICATION TIMING AND GUIDANCE
GRASSLAND - DESTRUCTION	GRASS	Short rotation Ryegrass, longer leys and permanent pasture	Short rotation Ryegrass with annual weeds Leys 2-4 years old with perennial grass weeds Long leys 4-7 years old with perennial broad-leaved weeds Permanent pasture See Weed Table below	2.25 3.0 3.75 4.5	150-250 L/ha*	Treat EITHER before grazing/mowing in June-Oct, when growth is 30-60 cm, not dense and lacking mature seeds, OR regrowth after grazing/mowing. Select the application rate which controls/destroys the least susceptible weed and grass species present in the sward. Grass may be conserved or grazed by cattle, dairy cows or sheep 5+ days after spraying. REMOVE POISONOUS PLANTS BEFORE GRAZING/MOWING. If Ragwort is present, the guidance in the DIRECTIONS FOR USE must be followed. ONLY direct drill grass and clover EITHER into 1-2 year leys without mat, 5+ days after spraying, OR long leys with some mat, in the spring following autumn application.

APPLICATION RATE FOR GRASSLAND DESTRUCTION							
2.25 L/HA		3.0 L/HA		3.75 L/HA		4.5 L/HA	
Annual Meadow-grass	Meadow Fescue	Black-bent	Creeping Soft-grass	Bracken**	Red Clover	Common Ragwort	<i>Nardus</i> (Mat grass)
Common Chickweed	Meadow Foxtail	Broad-leaved Dock	Curled Dock	Common Sorrel	Sedges	Hard Rush	Red Fescue
Common Mouse-ear	Rough Meadow-grass	Cock's-foot	Perennial Rye-grass	Common Nettle	Sheep's Sorrel	Heath Rush	White Clover*
Dock Seedlings	Speedwell species	Common Bent	Plantains	Creeping Buttercup*	Soft Rush	Jointed Rush	Yellow Rattle
Italian Rye-grass	Timothy	Common Couch	Soft Brome	Creeping Thistle	Spear Thistle	<i>Molinia</i> (Purple Moor-grass)	Sheep's Fescue
Mayweed species		Creeping Bent	Yorkshire Fog	Daisy	Tufted Hair-grass		
				Dwarf Thistle	Yarrow		
				Perennial Sow-thistle			

* White clover is best cut in June and sprayed one month later ** At full frond expansion

AREA OF USE	CROP/SITUATION	TARGET WEEDS/USAGE	WEED INFESTATION	APPLICATION RATE L/HA	WATER VOLUME	APPLICATION TIMING AND GUIDANCE
ENCLOSED WATERS, OPEN WATERS, LAND IMMEDIATELY ADJACENT TO AQUATIC AREAS	-	Emerged Weeds - Reeds, Rushes, Sedges, Grasses and Watercress Floating Weeds - White water-lily - Yellow water-lily	All levels/species All levels	3.75 4.5	200-400 L/ha or hand-held equipment (p.9) 100-200 L/ha or hand-held equipment (p.9)	Consult appropriate Environment Agency regional office before use. On water-lilies it is preferable to use a tractor or boat-mounted sprayer. During spraying do not exceed a pressure of 2.0 bars (30 p.s.i.). When using a tractor mounted sprayer do not exceed 8 kph (5 mph). Use boat-mounted sprayers at slowest practical speed. Always apply against direction of any current. When disturbed by wash, WATER-LILIES may require re-treatment.
IN-CROP (TRACTOR-MOUNTED WEED WIPER APPLICATION)	ARABLE CROPS, GRASSLAND, SET ASIDE	Bolters, weed beet, other weeds	All levels	1:2 dilution with water for wick-type weed wipers OR 1:3 dilution with water in hot, dry conditions. For 'new generation' wipers consult the manufacturer for guidance.		Weeds must be 10+ cm taller, and wiper 5+ cm higher, than desired vegetation. Wipe dense populations twice, in opposite directions. BOLTING BEET requires three applications, 2 weeks apart, from early July to early August. Contact Monsanto or your distributor for specific recommended weed wiper applicators. Treated POISONOUS WEEDS must be removed or allowed to completely degenerate before grazing or conserving. If Ragwort is present, the guidance in the DIRECTIONS FOR USE must be followed.