

Permit holder:

Bayer AG, Kaiser-Wilhelm-Allee 1, 51373 Leverkusen, Federal Republic of Germany,

Entity introducing the plant protection product into the territory of the Republic of Poland: Bayer

Sp. z o. o., Al. Jerozolimskie 158, 02-326 Warsaw, Republic of Poland, tel.: 22 572 35 00,
www.agro.bayer.com.pl

Entity responsible for the final packaging and labelling of the plant protection product:

(...)

ROUNDUP 360 PLUS

The product is intended for use by professional users.

Active substance content:

glyphosate, a compound from the group of aminophosphoric acids in the form of potassium salt – **360 g/l (28.77%)**.

Permission of the Ministry of Agriculture and Rural Development No. R - 71/2014 of 14/05/2014

renewed by the decision of the Ministry of Agriculture and Rural Development No. R - 32/2022o of November 15, 2022.

last amended by the decision of the Ministry of Agriculture and Rural Development No. R - 1553/2024d of 10/12/2024



Attention

H319 – Causes serious eye irritation.

H411 – Toxic to aquatic life with long lasting effects.

EUH 401 – To avoid risks to human health and the environment, follow the instructions for use.

P264 – Wash hands thoroughly after use.

P280 – Wear protective gloves, eye protection, face protection.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 – If eye irritation persists: Get medical advice/attention.

P391 – Collect spillage.

DESCRIPTION OF ACTION AND CONDITIONS OF USE OF THE PLANT PROTECTION PRODUCT

Non-selective HERBICIDE with systemic action, applied foliarly, in the form of a concentrate for preparing an aqueous solution (SL).

According to the HRAC classification, the active substance glyphosate is classified in group 9 (formerly group G).

ACTION ON WEEDS

The agent contains an active substance that inhibits the action of the enzyme – 5-enolpyruvate-shikimate-3-phosphate (EPSPS), which is a key enzyme in the shikimic acid metabolic pathway, associated with the biosynthesis of aromatic amino acids, which consequently leads to the inhibition of the synthesis of proteins necessary for plant growth and development.

The agent is absorbed through the green parts of the plant (leaves, green shoots, and non-corroded bark), then migrates throughout the plant and reaches its underground parts (roots, runners, etc.). The first symptoms of the agent's action (yellowing and wilting) become visible 7-10 days after treatment. Complete plant death occurs after approximately 3 weeks. High temperature, humidity, and strong sunlight accelerate the agent's action.

Sensitive weeds	Dose middle	
	1.25 l/ha	white goosefoot, odorless mayweed, field bundles. -
	1.875 l/ha	field pansy, common chickweed, white goosefoot, field poppy, scentless mayweed, cereal broom, couch grass, cleavers, bindweed, field bundles. -
	2.5l/ha	field pansy, common chickweed, white goosefoot, field poppy, scentless mayweed, cereal broom, couch grass, cleavers, bindweed, field chamomile, volunteer cereals, field bundles, small-flowered gallweed.
	3.75 l/ha	common mugwort, field violet, common chickweed, white goosefoot, common yarrow, field poppy, scentless mayweed, cereal broom, couch grass, cleavers, bindweed, field chamomile, volunteer cereals, field bundles, small-flowered gallweed. -
	4.0 l/ha	common mugwort, field violet, common chickweed, white goosefoot, common yarrow, field poppy, scentless mayweed, cereal broom, couch grass, cleavers, bindweed, field chamomile, volunteer cereals, field bundles, small-flowered gallweed. -
	6.0 l/ha	common mugwort, field violet, common chickweed, white goosefoot, common yarrow, field poppy, scentless mayweed, cereal broom, couch grass, cleavers, bindweed, field chamomile, volunteer cereals, field bundles, bird vetch, small-flowered gallweed. -
Resistant weeds	horsetail	

APPLICATION OF THE AGENT

Roundup 360 Plus is designed for use with self-propelled or tractor-mounted field sprayers and hand sprayers.

Note:

Do not use the plant protection product in public parks and gardens, sports and recreational areas, schools, kindergartens, nurseries and healthcare facilities.

The dose of the agent should be adjusted to the sensitivity of the dominant weed species in a given crop.

Crop fields before sowing and planting the crop Maximum

dose for a single application: 4.0 l/ha.

Recommended dose for single use: 2.0 – 4.0 l/ha.

The dose of the agent and the timing of its application should be adjusted to the weed species present.

Application period: use the product during the period of intensive weed growth.

Maximum number of treatments during the growing season: 1.

Recommended amount of water: 200-300 l/ha.

Recommended spraying: medium droplets.

After sowing or planting and before the crop emerges

a) Corn

Maximum dose for a single application: 2.5 l/ha.

Recommended dose for single use: 1.25 – 2.5 l/ha.

Application date: apply the product after sowing corn on emerging weeds, but no later than 3 days before corn emergence (BBCH 00-09).

Maximum number of treatments during the growing season: 1.

Recommended amount of water: 200-300 l/ha.

Recommended spraying: medium droplets.

Note:

The lower recommended dose is for controlling emerging weed seedlings.

Do not use on very light and sandy soils.

Sow corn seeds to a depth of no less than 2 cm.

b) Potato

Maximum dose for single application: 2.5 l/ha.

Recommended dose for single use: 1.25 – 2.5 l/ha.

Application date: apply the product after planting potatoes and once covering emerging weeds, but no later than 3 days before potato emergence (BBCH 00-09).

Maximum number of treatments during the growing season: 1.

Recommended amount of water: 200-300 l/ha.

Recommended spraying: medium droplets.

Attention:

After treatment, do not perform any mechanical tillage.

Use the product on medium-compact soils.

a) Carrots, parsley, onion, leek (from sowing)

Maximum dose for single application: 1.8 l/ha.

Recommended dose for single use: 1.25 – 1.8 l/ha.

Application date: apply the product after weed emergence, but no later than 2-3 days before the emergence of the crop (BBCH 00-09).

Maximum number of treatments during the growing season: 1.

Recommended amount of water: 200-300 l/ha.

Recommended spraying: medium droplets.

Attention:

1. Do not use on very light, sandy soils.
2. Sow carrot, onion and leek seeds to a depth of no less than 2 cm.

In spring, before the emergence of the crop, the so-called simplified technology is used, i.e. in autumn, sowing of mulching plants (mulch), in spring, direct sowing of the crop and then treatment to control emerging weeds.

Sugar beet

Maximum dose for single application: 2.5 l/ha.

Recommended dose for single use: 1.25 – 2.5 l/ha.

Application date: apply the product after weed emergence, but no later than 3 days before sugar beet emergence (BBCH 00-09).

Maximum number of treatments during the growing season: 1.

Recommended amount of water: 200-300 l/ha.

Recommended spraying: medium droplets.

Attention:

1. The lower recommended dose is for controlling emerging weed seedlings.
2. Do not use on very light and sandy soils.
3. Sow sugar beet seeds to a depth of no less than 2 cm.

After harvesting crops, before starting post-harvest cultivation to control couch grass and other weeds (stubble)

Maximum dose for single application: 4.0 l/ha.

Recommended dose for single use: 2.5 – 4.0 l/ha.

Application period: Apply the product from mid-August to late autumn on green, vigorously growing weeds. At the time of spraying, couch grass should reach a height of 10-25 cm and have developed at least 3-4 fully developed leaves. Annual monocotyledonous weeds should be at least 5 cm tall, and dicotyledonous weeds should have developed two fully developed true leaves.

Maximum number of treatments during the growing season: 1.

Recommended amount of water: 200-300 l/ha.

Recommended spraying: medium droplets.

Attention:

After harvesting the crop and before applying the product, do not perform any cultivation procedures.

Areas not used for agricultural purposes (warehouse yards, industrial areas, roadsides, roads, pedestrian paths, sidewalks, pavements, as well as other permanent structures with hard or semi-permeable surfaces where undesirable weed growth occurs and their complete elimination is necessary, tram tracks).

Maximum dose for single application: 6.0 l/ha.

Recommended dose for single use: 3.75 – 6.0 l/ha.

When using backpack sprayers, use the working liquid at a dose of 0.2 liters of the agent per 10 liters of water.

The dose of the agent and the timing of its application should be adjusted to the weed species present.

Application period: use the product during the period of intensive growth of green plants throughout the entire vegetation period.

Maximum number of treatments during the growing season: 1.

Recommended amount of water: 200-300 l/ha.

Recommended spraying: medium droplets.

Railway tracks

Recommended/maximum dose for single application: 5.0 l/ha.

Application date:

Use the product during the period of intensive growth of green plants throughout the entire vegetation period.

Maximum number of treatments during the growing season: 1

Recommended amount of water: 200-300 l/ha.

Recommended spraying: medium droplets.

Irrigation channels, drainage channels (without water at the time of application of the agent)

Maximum dose for single application: 5.0 l/ha.

Recommended dose for single use: 5.0 l/ha.

Application period: use the product during the period of intensive growth of green plants throughout the entire vegetation period.

Maximum number of treatments during the growing season: 1

Recommended amount of water: 200-300 l/ha.

Recommended spraying: medium droplets.

Elimination of fallow and uncultivated land.

Maximum dose for single application: 4.0 l/ha.

Recommended dose for single use: 3.8 – 4.0 l/ha.

Use the higher of the recommended doses in the autumn treatment period.

Application date: use the product:

In spring – during the period of intensive weed growth until the flowering phase
or

In autumn – if it is necessary to carry out autumn cultivation and sowing work, for intensively growing weeds outside their flowering period.

Maximum number of treatments during the growing season: 1.

Recommended amount of water: 200-300 l/ha.

Recommended spraying: medium droplets.

Meadows and pastures – to restore permanent grasslands.

Maximum dose for single application: 4.0 l/ha.

Recommended dose for single use: 3.0 – 4.0 l/ha.

Application date:

Use only when restoring permanent grassland.

Maximum number of treatments during the growing season: 3.

The total dose of the agent used during the season cannot exceed 10 l/ha

Recommended amount of water: 200-300 l/ha.

Recommended spraying: medium droplets.

Apple tree

Maximum dose for single application: 5.0 l/ha.

Recommended dose for single use: 2.0 – 5.0 l/ha.

The total dose of the agent used during the season cannot exceed 8 l/ha

Application date:

Use the product during the period of intensive growth of green plants throughout the entire vegetation period.

Use the product in herbicide strips or between rows.

Spray safely, preferably using sprayers with covers, so that drops of the spray liquid do not get on leaves, shoots and non-woody bark of trees due to the possibility of damaging the plants.

Maximum number of treatments during the growing season: 2.

Recommended amount of water: 200-300 l/ha.

Recommended spraying: medium droplets.

APPLICATION OF PLANT PROTECTION PRODUCTS IN CROPS AND SMALL-AREA APPLICATIONS

The user is solely responsible for the effectiveness and phytotoxicity of a plant protection product used in minor crops.

Pear, plum, cherry, sour cherry, grapevine, blackcurrant, redcurrant, gooseberry, highbush blueberry, common hazel, walnut

Maximum dose for single application: 5.0 l/ha.

Recommended dose for single use: 2.0 – 5.0 l/ha.

Maximum total dose per ha per season: 8.0 l/ha

Application date:

Use the product during the period of intensive growth of green plants throughout the entire vegetation period.

Use the product in herbicide strips or between rows.

Spray safely, preferably using sprayers with covers, so that drops of the spray liquid do not get on leaves, shoots and non-woody bark of trees due to the possibility of damaging the plants.

Maximum number of treatments during the growing season: 2.

Recommended amount of water: 200-300 l/ha.

Recommended spraying: medium droplets.

Forest nursery plants

Maximum dose for single application: 5.0 l/ha.

Recommended dose for single use: 3.0 – 5.0 l/ha.

Application date:

Use the product during the period of intensive growth of green plants throughout the entire vegetation period.

Apply the agent in strips where seedlings or plant seedlings grow or in the inter-row spaces.

Spray safely, preferably using sprayers with covers, so that drops of the spray liquid do not get on leaves, shoots and non-woody bark of trees due to the possibility of damaging the plants.

Maximum number of treatments during the growing season: 1.

Recommended amount of water: 200-300 l/ha.

Recommended spraying: medium droplets.

Afforestation and forest regeneration

Maximum dose for single application: 3.0 l/ha.

Recommended dose for single use: 3.0 l/ha.

Application date:

Use the product during the period of intensive growth of green plants throughout the entire vegetation period.

Apply the agent in strips where plants grow or in the inter-row spaces.

Spray safely, preferably using sprayers with covers, so that drops of the spray liquid do not get on leaves, shoots and non-woody bark of trees due to the possibility of damaging the plants.

Maximum number of treatments during the growing season: 1.

Recommended amount of water: 200-300 l/ha.

Recommended spraying: medium droplets.

PRECAUTIONS AND SPECIAL CONDITIONS OF USE

1. Immunity Management Strategy

In order to minimize the risk of occurrence and development of weed resistance to herbicides, in accordance with Good Agricultural Practice:

- follow the instructions on the label of the plant protection product –
use the product at the recommended dose, at the recommended time to ensure optimal weed control,

- adapt the selection of herbicide and the decision to carry out the treatment to the existing (or potential) weed infestation, taking into account the dominant species and harmfulness thresholds,
- use rotation of herbicides (active substances) with different mechanisms of action,
- use a mixture of herbicides (active substances) with different mechanisms actions,
- use herbicides in rotation and/or mixtures that affect several weed life processes (with different mechanisms of action),
- adapt the cultivation procedures to the conditions prevailing in the field, especially to the type and intensity of weeds,
- use different weed control methods,
- clean agricultural machinery to prevent the transfer of propagation material weeds to other positions,
- inform the permit holder about unsatisfactory weed control,
- For more information, please contact your advisor, permit holder or permit holder representative

2. Do not use the product:

- before weeds emerge,
- for wet plants,
- before expected rain (precipitation occurring within 1 hour after spraying may reduce the effectiveness of the treatment),
- during wind conditions that may cause the liquid to drift away.

3. When using the product, do not allow:

- drift of the working liquid onto adjacent crops, overlapping of
- the working liquid at the junctions of treatment strips and headlands.

PREPARATION OF USABLE LIQUID

Prepare the working liquid immediately before use.

Before starting to prepare the working liquid, determine exactly the amount needed.

Pour the measured amount of the agent into the sprayer tank partially filled with water (with the agitator turned on), and then top up with water to the required amount.

After pouring the agent into the sprayer tank not equipped with a hydraulic mixer, mechanically mix the liquid in the tank.

Rinse the empty containers three times with water and pour the rinsings into the tank with the usable liquid.

In case of interruptions in spraying, thoroughly mix the working liquid in the sprayer tank before resuming work.

Recommended operating pressure: 2-3 atmospheres.

During operation, when the working liquid is in the sprayer tank, make sure that the tank is completely vented.

HANDLING OF USABLE LIQUID RESIDUES

Remaining liquid and water used to clean the equipment should be:

- if possible, after dilution, use on the surface on which the treatment was carried out, or
- disposed of using technical solutions ensuring biological degradation active substances of plant protection products, or
- dispose of in another manner in accordance with waste regulations.

After work, wash the equipment thoroughly and rinse it with water at least three times.

When washing the equipment using cleaning agents intended for this purpose, the resulting rinsings should be handled according to the instructions included with the cleaning agent.

WAITING PERIODS AND PLANT SUCCESS

Period from the last application of the agent to the day of harvesting the crop (withdrawal period):

Apple, pear, plum, cherry, sour cherry, grapevine, blackcurrant, redcurrant, gooseberry, highbush blueberry, common hazel, walnut – 28 days

Grapevine – 14 days

Period from the last application of the product to plants intended for feed until the day on which animals may be fed with these plants (feed withdrawal period):

Pastures – 21 days

PLANT SUCCESSION

All crops can be grown in a field where Roundup 360 Plus has been applied.

Cultivation, sowing or planting can begin after 2 days when controlling annual weeds and after 5 days when controlling perennial weeds.

The period from the last application of the product to the day on which the following crops can be sown or planted: 2 - 5 days.

PRECAUTIONS FOR PERSONS USING THE AGENT, EMPLOYEES AND BYSTANDERS

Before using the product, all interested parties who may be exposed to the spray drift and who have requested such information should be informed.

Do not eat, drink or smoke while using the product.

Wear protective gloves, eye or face protection and protective clothing to protect against the effects of plant protection products when preparing the working solution and during the treatment.

The period from the application of the agent to the day on which people and animals may enter the area where the agent has been applied (prevention period):

Do not enter until the liquid has completely dried on the plant surface.

in the case of pastures – do not introduce livestock for 21 days

ENVIRONMENTAL PRECAUTIONS

Do not contaminate water with the plant protection product or its packaging. Do not wash equipment near surface water. Avoid water pollution through drainage ditches from farms and roads.

Avoid unintended release into the environment.

During the flowering of crops and weeds, it is recommended to use the product outside the periods of bee activity.

In order to protect aquatic organisms, it is necessary to designate a 1 m wide protection zone from reservoirs and watercourses.

In order to protect plants and arthropods that are not the target of the agent, it is necessary to designate a protection zone of the following width from non-agricultural areas:

• 5 meters or

• 1 m with the simultaneous use of techniques that reduce the drift of the working liquid during the treatment by 75%.

CONDITIONS FOR STORAGE AND SAFE DISPOSAL OF THE PROTECTIVE AGENT PLANTS AND PACKAGING AND FIRST AID

CONDITIONS FOR STORAGE AND SAFE DISPOSAL OF THE PROTECTIVE AGENT PLANTS AND PACKAGING

Keep out of reach of children.

Store the plant protection product:

• in original packaging, • in a way

that prevents contact with food, beverages or feed, environmental contamination and access by third parties,

• at a temperature of 0°C - 30°C.

It is prohibited to use empty packaging of plant protection products for other purposes.

Any unused product should be transferred to an entity authorized to collect hazardous waste.

Return empty containers containing hazardous plant protection products to the seller.

FIRST AID

Antidote: none, treat symptomatically.

If you need to consult a doctor, show the packaging or label.

If swallowed, seek medical advice immediately and show the packaging or label.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Validity period – 2 years

Production date -

Net Content -

Batch number -