



We create chemistry

Pursuit®

Reg. No.: 95-C-137-1

Net Content:

10 L



HARMFUL IF SWALLOWED

GROUP	B	HERBICIDE
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Composition: mass/volume:

Imazethapyr 100 g/L

A broad spectrum herbicide for use in soyabeans

Registered by:

Pivotal Agro-Services (Pvt) Ltd.
Agriculture House, Adylinn Road, Marlborough
PO Box WGT 450, Westgate, Harare
Telephone (263-4) 309800 – 18, Fax / Direct Line: (263-4) 309825

Manufactured and packed by:

BASF SE
Germany

81145007 ZW 2080



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® = Registered trademark of BASF

TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE

READ THE LABEL BEFORE USING THE PRODUCT

WARRANTY: Although this remedy has been tested under a large variety of conditions the registration holder does not warrant, that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions, quality of dilution water, compatibility within other substances not indicated on the label and the occurrence of resistance of the disease, weed or pest, against the remedy concerned, as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to the failure of the user to follow the label instructions or the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS:

- Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Do not breathe vapour/spray.
- No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift.
- Segregate from foods and animal feeds. Keep away from heat. Protect from direct sunlight.
- Protect from temperatures below: -5 °C; Protect from temperatures above: 40 °C
- Remove contaminated clothing and wash before re-use.
- Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.
- Very toxic to aquatic life with long lasting effects.
- Store in original container, tightly closed and keep under lock and key.
- Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.
- Destroy empty containers by puncturing and burying. Do not use for any other purpose.

SYMPTOMS OF POISONING:

May produce an allergic reaction.

FIRST AID MEASURES

Immediately remove contaminated clothing.

If medical advice is needed, have product container or label at hand.

If Inhaled: Keep patient calm, remove to fresh air.

On Skin contact: Wash thoroughly with soap and water.

On contact with eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On Ingestion: Rinse mouth and then drink plenty of water.

Note to physician: Symptomatic treatment (decontamination, vital functions).

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

GENERAL INFORMATION:

Pursuit® is an aqueous solution formulation. The mode of weed control involves uptake of Pursuit® by the roots and foliage and rapid translocation to the growing tips where it stops growth of the weeds. Susceptible weeds may emerge, but growth stops soon afterwards. These weeds will either be controlled or will not compete with the crop. Adequate soil moisture is essential for Pursuit® to provide residual control of susceptible germinating weeds: activity on established weeds will depend on the weed species and the development of its root system in the soil. Signs may not appear for several days but soon after post-emergence application, susceptible weeds stop growing and competing with the crop and control occurs within 4-6 weeks.

Occasionally, internode shortening and/or temporary yellowing of crop plants may occur. These effects occur infrequently and are temporary. Normal growth and appearance should resume within one to two weeks and crop yield will not be affected.

Replanting: if replanting is necessary in a field previously treated with Pursuit®, the field may be replanted to soyabeans or groundnuts. Rework the soil no deeper than the treated zone. Do not apply a second treatment of Pursuit®.

MIXING INSTRUCTIONS:

Post emergence applications of Pursuit® require the addition of a non-ionic surfactant and a liquid fertilizer solution.

Add the required amount of Pursuit® to a partially filled tank while agitating and then fill the remainder of the tank. When tank mixing Pursuit® with recommended herbicides, add Pursuit® last. When using a tank mix of glyphosate based product (if needed) with Pursuit® and Prowl® CS or Frontier® Optima (pre-emergence) add the products in the following order: a) fertilizer b) Prowl® CS or Frontier® Optima (pre-emergence) c) glyphosate based product d) Pursuit® e) non-ionic surfactant. Do not apply Pursuit® through any type of irrigation system.

COMPATIBILITY:

Pursuit® may be tank mixed with Prowl® CS, Frontier® Optima or metalachlor during pre-emergence timing of application and is also compatible with glyphosate based products. A tank mix with a post-emergence grass herbicide is not recommended.

SPRAYING INSTRUCTIONS:

Use only standard flat fan nozzles for post-emergence applications. Rainfall or irrigation within 7 days after application of Pursuit® is necessary so that the soil is moist to a depth of 50 mm. A cultivation is recommended if soil moisture is inadequate for maximum weed control.

NO-TILL OR REDUCE TILLAGE:

Use a minimum of 200 litres per hectare spraymix for minimum-till or no-till soyabeans. Use higher spray volumes for fields with dense vegetation or high crop residues. High levels of trash may tie up the herbicide, preventing contact with soil and/or weed foliage. For maximum grass control, tank mix Pursuit® with Prowl® CS or Frontier® Optima. To control existing vegetation, glyphosate based products may be tank mixed with Pursuit® alone or in combination with Prowl® CS or Frontier® Optima.

Warning: Avoid spray drift on to adjacent crops.

DIRECTIONS FOR USE:

Pursuit® controls existing weeds and provides residual control of most weeds when applied early post-emergence in conservation tillage as well as conventional production systems. Pursuit® may be applied either before or after emergence of the soyabeans. If Pursuit® is applied prior to the emergence of the crop and weeds exceed the recommended size, a contact herbicide should be added to Pursuit® to enhance control (see instructions for No-till or reduced tillage). Apply Pursuit® as an early post-emergence treatment when weeds are actively growing and before they exceed a height of 75 mm (see table for specified weed sizes).

PRE-EMERGENCE APPLICATIONS:

Pursuit® is not recommended on its own for pre-emergent weed control. Use in combination with Prowl® CS or Frontier® Optima.

Pursuit® can be applied prior to planting, at planting in conventional tillage, reduced tillage or no-till production systems, or after planting and before crop emergence.

Adequate soil moisture is required for optimum activity. Rainfall or overhead irrigation is necessary to move Pursuit® into the weed germination zone. The amount of rainfall or irrigation required following application depends on existing soil moisture, soil texture and organic matter content. Sufficient water to moisten the soil to a depth of 25 mm is normally adequate. If adequate moisture is not received within 7 days after treatment, a cultivation is recommended to control escaped weeds. When adequate moisture is received after dry conditions, Pursuit® will provide residual control of susceptible germinating weeds; activity on established weeds will depend on the weed species and the location of its root system in the soil.

RATES PER HECTARE FOR PRE-EMERGENCE APPLICATION OF Pursuit®

Crop	Soil Clay Content	Pursuit® dose rate
Soyabeans	All	0.7 L/ha

When applied in tank mixture with Prowl® CS or Frontier® Optima refer to label recommendations for dose rates of respective products.

POST-EMERGENCE APPLICATIONS:

Post-emergence applications of Pursuit® require the addition of an adjuvant and spray grade liquid fertilizer.

Adjuvant: Use a non-ionic surfactant at the rate of 250 ml/100 litres water.

Fertilizer: Use a nitrogen-based liquid fertilizer at the rate of 2.0 litres/100 litres water.

CONSULT BASF BEFORE THE USE OF ANY OTHER ADDITIVES IN THE SPRAY MIX.

Pursuit® is effective in controlling weeds in conservation tillage as well as in conventional production systems. Apply Pursuit® herbicide as an early post-emergence treatment when weeds are actively growing and before they exceed a height of 75 mm unless otherwise indicated (see table of controlled weeds). Delay application until the majority of the weeds are at the recommended growth stage.

Application timing should be based on weed size and not crop growth stage. Do not apply beyond flowering of the crop. Apply Pursuit® to crops and weeds that are actively growing.

For maximum weed control, cultivate 7-10 days following a post-emergence Pursuit® application. This timely cultivation will enhance residual weed control, especially under dry conditions.
RAINFASTNESS: Pursuit® should be applied a minimum of one hour before rainfall or overhead irrigation.

RATES FOR POST-EMERGENCE APPLICATION OF Pursuit®

Crop	Soil Clay Content (%)	Pursuit®
Soyabeans	All	0.7 L/ha

ROTATIONAL CROPS

Field observations indicate that dosage, application timing, soil moisture and climatic conditions influence the level of Pursuit® residues in soil. In general, maize, wheat, barley and legume crops have not been adversely affected when planted in rotation following soyabeans treated with Pursuit® herbicide at the recommended dose rate of 0.7 L/Ha. If less than 300 mm of rain falls in the season, please consult your BASF Agent before planting a sensitive follow crop.

Use of Pursuit® herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible (see rotational crop table).

The following rotational crops may be planted after applying Pursuit® at the recommended rate:

Anytime	4 months after Pursuit® application	5 months after Pursuit® application	9,5 months after Pursuit® application	18 months after Pursuit® application	26 months after Pursuit® application
Michigan Pea Beans Kidney Beans Cow Peas Soyabeans Groundnuts	Rye Wheat Peas Other Legumes: CONSULT BASF	Barley	Field Maize Tobacco	Lucerne Cotton Lettuce Oats Popcorn Sorghum Sweet corn	All crops not listed elsewhere in this ROTATIONAL CROP GUIDELINE

ANNUAL GRASSES AND SEDGES CONTROLLED BY Pursuit®

SCIENTIFIC NAME	SOIL APPLIED*	POST EMERGENCE maximum weed size (mm)	COMMON NAME
<i>Digitaria sanguinalis</i>	R	75	Finger grass
<i>Echinochloa colona</i>	R	75	Jungle rice
<i>Panicum maximum</i>	R	75	Guinea grass
<i>Melinis (Rynchelytrum) repens</i>	R	75	Natal red top
<i>Setaria pumila</i>	R	75	Annual timothy
<i>Setaria verticillata</i>	R	75	Bur grass
<i>Triticum aestivum**</i>	R	R(75)	Volunteer wheat
<i>Rottboellia cochinchinensis</i>	R	R(75)	Shamva grass
<i>Urochloa panicoides</i>	R	R(75)	Garden urochloa
<i>Cyperus esculentus</i>	R	R(75)	Yellow nutsedge
<i>Cyperus rotundus</i>	R	R(75)	Purple nutsedge

NOTE: C = CONTROL, R = REDUCED COMPETITION

* Pursuit® should not be used alone when applied as pre-emergence. See pre-emergence application instructions

**For heavy infestations of volunteer wheat a specific post-emergence grass controlling herbicide should be applied.

ADDITIONAL GRASSES CONTROLLED BY Pursuit® & Prowl® CS

SCIENTIFIC NAME	COMMON NAME
<i>Brachiaria spp.</i>	Millet
<i>Chloris virgata</i>	Old lands grass
<i>Dactyloctenium aegyptium</i>	Crowsfoot grass
<i>Eleusine indica Africana</i>	Rapoko grass
<i>Eragrostis aspera</i>	Rough love grass
<i>Panicum novemnerve</i>	Black seed panicum
<i>Rottboellia cochinchinesis</i>	Shamva grass
<i>Sorghum halepense</i>	Wild grass sorghum
<i>Tragus berteronianus</i>	Carrot seed grass

ADDITIONAL WEED SPECIES ARE NORMALLY CONTROLLED BY Pursuit® and Frontier® Optima TANK MIX

SCIENTIFIC NAME	COMMON NAME
<i>Brachiaria eruciformis</i>	Sweet signal grass
<i>Digitaria sanguinalis</i>	Crab finger grass
<i>Digitaria ciliaris</i>	Tropical finger grass
<i>Echinochloa crusgalli</i>	Barnyard grass
<i>Eleusine indica</i>	Goose grass
<i>Panicum maximum</i>	Common buffalo grass
<i>Panicum schinzii</i>	Sweet buffalo grass
<i>Setaria faberi</i>	Giant foxtail
<i>Setaria pallidefusca</i>	Red bristle gras
<i>Setaria verticillata</i>	Sticky bristle grass
<i>Urochloa panicoides</i>	Herringbone grass

BROADLEAF WEEDS CONTROLLED BY Pursuit® POST-EMERGENCE

SCIENTIFIC NAME	SOIL APPLIED*	maximum leaf stage	maximum weed size (mm)	COMMON NAME
<i>Ageratum conyzoides</i>	R	4	75	Billygoat weed
<i>Amaranthus hybridus</i>	C	8	200	Pigweed
<i>Amaranthus thunbergii</i>	R	4	75	Red pigweed
<i>Bidens pilosa**</i>	R	2	50	Blackjack
<i>Cleome monophylla</i>	R	4	75	Spindlepod
<i>Datura stramonium</i>	R	4	75	Thorn apple, Stinkblaar
<i>Euphorbia heterophylla</i>	R	4	75	Wild poinsetta, Milkweed
<i>Galinoga parviflora**</i>	R	2	50	Gallant soldier
<i>Hibiscus meeusei</i>	R	4	75	Wild stockrose
<i>Ipomoea plebia africana</i>	R	2	50	Sabi morning glory
<i>Leucas martinicensis</i>	R	4	75	Bobbin weed
<i>Nicandra physaloides</i>	R	4	75	Apple of Peru
<i>Physalis angulata</i>	R	4	74	Wild gooseberry
<i>Portulaca oleracea</i>	C	2	50	Purslane
<i>Richardia scabra</i>	C	2	50	Mexican clover
<i>Tagetes minuta</i>	R	2	50	Mexican marigold
<i>Tribulus terrestris</i>	C	-	-	Devil's thorn

SCIENTIFIC NAME	SOIL APPLIED*	maximum leaf stage	maximum weed size (mm)	COMMON NAME
<i>Xanthium strumarium</i>	R	4	75	Common cocklebur
<i>Acanthospermum hispidum</i>	R	R	R	Upright starbar
<i>Chenopodium album</i>	R	R	R	Fat hen
<i>Commelina benghalensis</i>	-	2	50	Wandering jew

NOTE: C = CONTROL, R = REDUCED COMPETITION

Do not count cotyledon leaves when determining stage of growth.

*Pursuit® should not be used alone when applied as pre-emergence. See pre-emergence application instructions.

**Under high rainfall conditions, control may be inadequate.