



Grapple™

SELECTIVE HERBICIDE

EXCELLENT WEED CONTROL FOR POTATOES.

Keep weeds under control with new Grapple™ Herbicide. Grapple delivers outstanding weed control on many crops, but it's designed with the unique challenges of potatoes in mind. Count on Grapple to knock down existing weeds and keep beds clean with lasting residual. Plus, Grapple is tank mix compatible with many pre-emerge herbicides for added weed control options.

COMPETITIVE ADVANTAGES

FORMULATED FOR WEED CONTROL IN POTATOES

- Outstanding broad-spectrum pre- and post-emergent control of many weeds
- Formulated to deliver excellent results and labeled for use on a wide range of crops, including potatoes
- Long-lasting residual control

AT-A-GLANCE INFO

EPA REG. NO.	71368-121
ACTIVE INGR.	rimsulfuron (25%)
FORMULATION	water-dispersible granule
CHEM. FAMILY	sulfonylurea
GROUP NO.	2
MODE OF ACT.	ALS inhibitor (acetolactate synthase)
REI	4 hours
SIGNAL WORD	caution
RESTRICTED	no
PACKAGE SIZE	20 oz bag (12 per case)

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Grow a better tomorrow



EXCELLENT WEED CONTROL FOR POTATOES.

KEY USES

Potatoes

KEY WEEDS CONTROLLED

(See product label for complete list)

PRE-EMERGE

Barnyardgrass
Chamomile, false
Cocklebur*
Crabgrass*
Filaree, redstem
Foxtail; giant, green, yellow
Henbit
Kochia
Lambsquarters, common*
Mustard; birdsrape, black
Nightshade, hairy
Pigweed; prostrate*, redroot, smooth
Purslane, common
Ragweed, common*
Velvetleaf*
Wheat, volunteer
Wild oats*

POST-EMERGE

Barley, volunteer
Barnyardgrass
Bluegrass, annual
Chamomile, false
Chickweed, common
Cocklebur*
Crabgrass
Foxtail; bristly, giant, green, yellow
Henbit
Johnsongrass, seedling*
Kochia
Lambsquarters, common*
Millet, wild-proso*
Morningglory, ivyleaf*
Mustard; birdsrape, black, wild
Nightshade; black*, hairy*
Panicum, fall
Pigweed; prostrate*, redroot, smooth
Purslane, common
Quackgrass*
Ragweed, common*
Shepherd's-purse
Stinkgrass*
Wheat, volunteer
Wild oat*
Wild radish

*Partial control

USE SUMMARY

PRE-EMERGENCE APPLICATIONS

For best results, apply Grapple™ Herbicide at 1 to 1½ oz/A immediately after hilling, drag-off or reservoir tillage (dam/dike operation) to a clean, newly prepared seedbed.

To activate Grapple Herbicide in the soil, supply moisture by a single rainfall event or apply sprinkler irrigation of 1/3 to 1 inch (sandy soils apply at least 1/3 inch, sandy loams apply at least 1/2 inch, silt soils apply at least 3/4 inch, clay soils apply at least 1 inch), within 5 days after application to move Grapple Herbicide 3 inches deep into the soil profile. Activating sprinkler irrigation is required regardless of the soil moisture level at planting or the cumulative precipitation that occurs over the next 5 days (unless rainfall occurs in a single event and equals the activation moisture requirement). If rainfall or sprinkler activation cannot be managed, waiting for weeds to emerge and applying Grapple Herbicide post-emergence would result in better weed control.

If a clean, newly prepared seedbed free of emerged or germinating weeds does not occur, and weeds are present at the application, add a spray adjuvant to the spray mix. Control may not be adequate for weeds that have an established root system before activation of Grapple Herbicide.

TANK MIXTURES – PRE-EMERGENCE APPLICATIONS

Grapple Herbicide may be tank mixed with herbicides labeled for use on potatoes in accordance with the most restrictive of label limitations and precautions. When tank mixing Grapple Herbicide with another potato herbicide(s), read and follow all use directions, restrictions and precautions of both Grapple Herbicide and the tank mix partner(s).

POST-EMERGENCE APPLICATIONS

For post-emergence applications, apply Grapple Herbicide at 1 to 1½ oz/A to young, actively growing weeds after crop emergence. Typically, small weeds (less than 1 inch in height or diameter) that are actively growing at application are most easily controlled.

POTATOES GROWN FOR SEED

Grapple Herbicide may be used on potatoes grown for seed that use field-grown tubers as the planted seed piece and are at least the progeny of the first field planting. (First field planting utilizes laboratory-tested stocks, which may be tissue-cultured plantlets, greenhouse-produced microtubers, minitubers, stem cuttings or line selections.)

PRECAUTIONS AND RESTRICTIONS

The rotational crop interval listed in the Grapple Herbicide label may need to be extended to 18 months if seed potato production practices decrease water and/or time for Grapple Herbicide breakdown. Practices that may shorten the breakdown are late planting or less frequent irrigations as compared to commercial production practices. Potatoes can be planted at any time.

Consider informing your state seed certification agency or inspector that Grapple Herbicide has been applied. Under growing conditions that promote crop stress (such as drought, frost, cold temperatures, high temperatures, or extreme temperature variations), temporary chlorosis (lime green color) may occur after application. These symptoms may appear similar to virus-like symptoms (such as chlorosis, leaf crinkling, pinching of terminal leaflet) but will usually disappear within 5 to 15 days of application.

DO NOT apply to plants suffering stress from lack of moisture, cold, herbicide injury and insect or disease injury.

DO NOT use on potatoes grown for seed if these are grown from microtubers or transplants.

See label for complete application precautions and restrictions.



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For specific application rates, directions, mixing instructions and precautions, read the product label. Please visit www.nufarm.com/uscrop to download a full label.

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17-AG-0015-Potatoes-B