



Ronstar[®] 2G

Dependable season-long weed control

Fact Sheet

Ronstar 2G provides proven season-long weed control with just one pre-emergence application for woody ornamental shrubs, vines and trees grown in containers.



One treatment is often enough. Ronstar 2G provides up to 120 days of weed control. Strong adsorption to soil colloids prevents Ronstar 2G from being leached by rain and there is no lateral movement. Ronstar 2G does not photodecompose.

RONSTAR 2G QUICKFACTS

- Dependable long-lasting grass and broadleaf weed control.
- High level of tolerance on many ornamental species.
- Can be applied immediately after transplanting.
- Application rates are not affected by soil texture or organic matter.
- Easy-to-use 2% granular formulation provides uniform coverage.
- Easy to handle, low-dust formulation.
- Does not restrict root growth.
- Not readily leached and is more stable under high and continuous moisture.
- Not volatile or subject to photodecomposition.

EXCELLENT CROP TOLERANCE

Ronstar 2G is excellent to use on newly transplanted and established ornamentals and trees grown in containers and can be applied to dormant or actively growing plants. Do not apply to plants grown in the field.

Excellent weed control on the following ornamental species:

- Cherry (Nanking)
- Lilac
- Currant (Alpine)
- Maple (Vine)
- Dogwood
- Pine (Mugo, Scotch)
- Elder (Golden)
- Potentilla
- Euonymus (Emerald, Gold)
- Spruce (Colorado, Juniper Serbian)

BROAD SPECTRUM CONTROL

Annual Broadleaf Weeds

Stinkweed Bittercress, Common groundse, Lamb's-quarters

Purslane, Black nightshade, Pigweed* (redroot, tumble), Shepherd's-purse

Annual Grass, Weeds

Annual bluegrass, Barnyard grass* *at 22.5 g product/m²

Green foxtail, Yellow foxtail, Crabgrass



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APPLICATION TIMING

Ronstar 2G may be applied anytime during the year prior to weed germination and can be applied right after transplanting. Optimum timing is as early as possible in the spring. For extended weed control, a second application of Ronstar 2G may be needed 60 to 120 days after the previous application.

APPLICATION RATE

To calculate the amount of product to use per pot, use the following formula to determine the area of the pot (m²): $3.14 \times r^2$ (where r is pot radius in metres or 1/2 pot diameter). Calculate the amount of product to use based on the low or high rate.

GREAT WEED CONTROL WITHOUT ROOT PRUNING



There is no root pruning because is not taken up by the roots and does not translocate through the plant. Uptake is only through the shoots and leaves of the weeds. controls weeds by forming a barrier on the soil surface that kills the young weed seedlings as they come in contact with the herbicide during germination.

Shoot development is stopped as the weeds try to emerge.

MODE OF ACTION

Uptake is through the shoots and leaves of the weeds. Ronstar 2G kills the young plant shoot before it emerges from the soil. Involves cell membrane disruption. A herbicide barrier must be formed prior to weed seed germination.

RESIDUAL ACTIVITY

A long half-life contributes to the extended effectiveness of Ronstar 2G (up to 120 days). Degradation of Ronstar 2G is slower in cold, dry or flooded soils.

RONSTAR 2G APPLICATION TIPS

- Remove existing weed growth before application.
- Apply before weeds emerge.
- Apply when plant leaves are dry and do not let granules collect in the leaves.
- Ensure granules are distributed uniformly on the soil in the container.
- Calibrate the applicator prior to use and check frequently during application.
- Rainfall or overhead irrigation after application will improve weed control.
- Don't disturb soil or hand-weed after application to maintain protective barrier.



IMPACT ON THE ENVIRONMENT

All pesticides are regulated under the Pest Control Products Act to ensure that they do not pose an unacceptable risk to human health and the environment. For information regarding the pesticide regulatory process, visit Health Canada's (Pest Management Regulatory Agency) website <http://www.hc-sc.gc.ca/pmra-arla/>

