



ADAMA

Quali-Pro® Negate®

Dual active weed control for turfgrass professionals



Product Overview

Quali-Pro® Negate® is a unique dual active powered post-emergent herbicide for grassy and broadleaf weed control in established warm season turfgrass. It contains two active ingredients - Rimsulfuron and Metsulfuron-methyl. Both active ingredients are sulfonylurea herbicides, and are effective at low use rates.

Controls winter grass and ryegrass (both as a weed or to remove over-sown ryegrass at the end of the winter sports season). Also very effective on tough-to-control broadleaf weeds such as Clover, Bindii, Oxalis, Creeping Indigo and many others.

GROUP 2 HERBICIDE

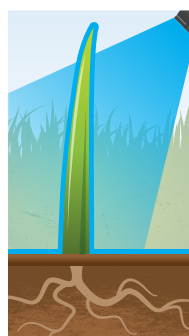
Mode of Action

Quali-Pro® Negate® contains 167g/kg Rimsulfuron and 200g/kg Metsulfuron-methyl in a water-dispersible granule (WG) formulation.

Rimsulfuron and metsulfuron-methyl are both members of the MOA chemical group 2. They work by inhibiting acetolactate synthase (ALS) in plants. ALS is found in the chloroplast where it catalyses branch chained amino acid synthesis. Inhibition of ALS results in inhibition of plant cell division, decreased plant growth and ultimately, plant death.

Even though both active ingredients are from the same group, they have slightly different activity on certain weeds.

Rimsulfuron by itself is known for especially good control of Poa annua, ryegrass and fescue. Metsulfuron-methyl is also well regarded for control of these grasses, but more so broadleaf weeds, including clover, bindii, dandelion, creeping indigo, oxalis and plantain.

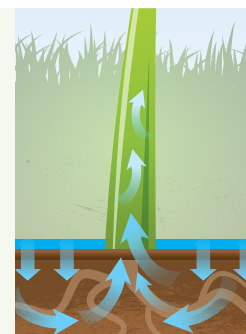


Shoot Absorption

Quali-Pro® Negate® is truly systemic and moves throughout the plant from the point of application. When applied as a foliar spray, the product becomes lipophilic and moves across the cell membrane, then is translocated throughout the plant.

Root Absorption

Quali-Pro® Negate® particles that are not absorbed by the foliage can also be absorbed by the weed root system and moved upwards through the plant.



For control of grass and broadleaf weeds including:

Wintergrass



Onion Grass



Ryegrass



Bindii



Creeping Indigo



White Clover



Oxalis



Cobblers Peg



HERBICIDE

Quali-Pro® Negate®

At a glance

Schedule 5, low odour formulation	Safer for use in public environments
Excellent turf safety	May be used on a variety of warm season grass types, including common and hybrid green couch, Qld blue couch and zoysia, (without the yellowing effect seen from other SU herbicides).
Wide variety of areas for use	Turf farms, golf course tees, fairways and roughs, sports fields, municipality parks, roadsides, commercial and residential lawns.
Easy to remember use rate	Single use rate for weed control situations: 1 * 110g bottle per ha
Broad spectrum of weeds controlled	Will control many weeds including: Wintergrass, Ryegrass (as a weed and also removal of oversown ryegrass post-winter sports season), Onion grass, Caustic Weed, White Clover, Cobblers Peg, Creeping Indigo, Creeping Oxalis, Plantain, Tridax Daisy.

Bahia Grass seedhead management with Quali-Pro® Negate®

- Bahia grass *Paspalum notatum* can be a weed but also a desirable grass in utility areas (roadsides, median strips, passive park areas).
- Generally grows where many other grasses do not, but has an unsightly, tall seedhead
- Quali-Pro® Negate® mixed with Quali-Pro® Marvel Ultra® or Quali-Pro® Marvel-ous® will control growth and dramatically reduce seedhead numbers.
- In Bahia grass dominant turf areas, where suppression or elimination of bahia grass may leave noticeable bare areas, use the lower rate (28g/ha) of Quali-Pro® Negate®. This will eliminate Bahia grass seedheads and suppress growth, while allowing desirable species to re-establish without competition. Where desirable grasses are dominant and the aim is to quickly remove bahia seedheads and vegetative growth, the higher rate (55g/ha) may be used.



How to get the best results from Quali-Pro® Negate®

- **Target small, actively growing weeds where possible. Sequential applications may help with large or hard to kill weeds.**
- **Weed death will generally take longer when an application is made during winter** (up to 4-6 weeks during May -August).
- **The key to effective weed control is coverage.** Ensure thorough coverage of the weed to wet foliage but avoiding excess runoff. Use the higher rate for dense weed populations.
- **The addition of a non-ionic surfactant** at label rates may improve weed control.
- **DO NOT** apply to turf under stress from drought, waterlogging, extreme hot or cold temperatures or injury from other chemicals or fertilisers.
- **DO NOT** apply to newly seeded or sprigged turf. Wait until turf is established or injury may result.



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