GP

Regain 200

Herbicide

Regain Pasture. Regain Profit.

GP

Regain 400

Herbicide

Double Strength. Faster Uptake.

Granular Products

Quick Guide

GP Regain 200
Herbicide

GP Regain 400
Herbicide

Active Ingredient: Tebuthiuron

Formulation: 200 and 400 g/kg tebuthiuron as a granule

Pack Sizes: GP Regain 200 is available in 10 kg, 20 kg and 500 kg packs.
GP Regain 400 is available in 20 kg and 500 kg packs

Weeds Controlled: African boxthorn, belah, black tea tree, blue heliotrope, brigalow, broadleaf ironbark, broadleaf tea tree, brown box, cocky apple*, coolabah, currant bush, Dawson gum, false sandalwood*, gidgee, gorse, groundsel bush, gum-topped box, holly bush, Lantana*, limebush, Mimosa pigra, paperbark tea tree, Parkinsonia, pink bloodwood, polar gum, poplar box, prickly acacia, rubber vine, scrub boonaree, sifton bush, silver leaved ironbark, swamp box, whitewood, wild rosemary and yellowwood. **Suppression only.*

Apply: All year round, however applications made prior to seasonal rainfall give the most rapid response.

Application Method: Aerial, ground and hand application.

Re-seeding: Pasture species as recommended by your agronomist, after adequate rainfall.

WHP: Nil.

Residual Control: Up to five years, depending on local conditions.

Mode of Action: Group C: inhibitors of photosynthesis at photosystem II

Resistance Management: Group C herbicides are listed by Crop Life Australia as having a moderate resistance risk. There is no known resistance of invasive woody weeds to group C herbicides.

Effective
(Weed Control)

Australian
(Owned & Manufactured)

No Waste

Easy to Dispose Packaging

Precision Application

Holistic Approach

Invasive Woody Weeds

Sustainable pasture stewardship involves managing the vegetation composition to maintain biodiversity and productivity. Some native species, and many introduced species, can proliferate to disrupt this balance. Introduced species can often out-compete native species, as there are no natural barriers to restrict their distribution. Some native species may similarly increase in density, stature and/or distribution under certain climatic conditions and management regimes.

In both scenarios, trees and shrubs proliferate at the expense of perennial grasses, changing the fundamental habitat for many animals, the architecture of the ecosystem and the productivity and value of the land. Extensive areas impacted also suffer from wind and water erosion due to the loss of groundcover. Groundwater recharge may also be affected.

Regain Pasture. Regain Profit.

Aerial application of herbicide is the preferred method of control because of the need to treat: large pastoral areas; rough or steep terrain; and/or country that is timbered. Ground applications are not well suited to these conditions, tend to be expensive and labour intense, and take a considerable amount of time.

When it comes to aerial application of herbicides, granules are the only formulation type to consider. Liquid herbicides can evaporate before hitting the ground, may drift off-target, cause damage to native trees and may not penetrate the tree canopy to reach target weeds on the ground. Granule herbicides do not have any of these issues and they can be applied by air with an even distribution pattern. They reach the soil surface where they remain intact until rain releases the active ingredient to control weeds that germinate with the same rain event. Given this ability to remain intact until rain arrives, granules have an extremely long window of application, a flexibility required when extensive areas are involved.

Tebuthiuron has been relied upon for decades to help address the encroachment of woody weeds across the world. Using chemicals appropriately has the benefit of selectively removing problem species without causing further erosion and in fact, the standing dead timber may facilitate pasture regeneration.

The time required for complete control depends on soil type, rainfall, root depth, plant species and density and the rate used.

How It Works

Plants susceptible to ***GP Regain*** will initially show yellowing of leaf tips and margins, followed by interveinal chlorosis. Browning and death will follow as the plant is slowly starved of nutrients. Tebuthiuron works by blocking CO_2 fixation and the production of energy needed for the plant. Symptoms may be seen within days of application, yet death may take months to achieve, depending on local conditions. Numerous defoliations may occur during this time.

Some desirable species may be impacted by ***GP Regain***. Applications when pasture species are dormant will minimise any transient effects, as will correct application rates and techniques.

Regain 400. More Than Just Double Strength.

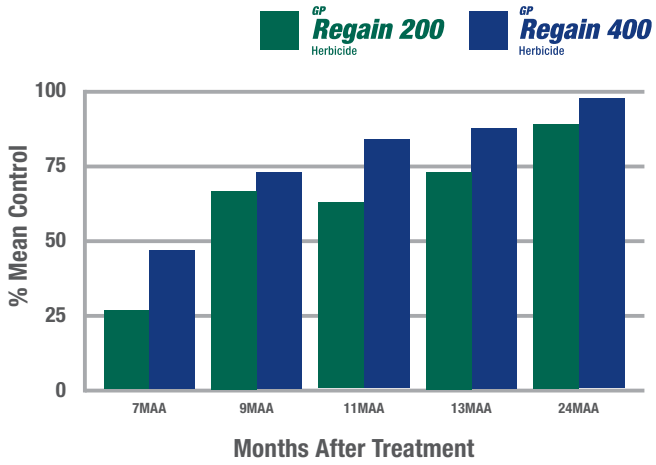
GP Regain 400 is double the active ingredient content of ***GP Regain 200.*** However, it's more than just double strength. ***GP Regain 400*** granules have been developed, specifically for aerial application in Australian conditions.

By halving the diameter of a sphere, you increase the surface area by a factor of eight. ***GP Regain 400*** granules are significantly smaller than ***GP Regain 200*** granules: where 1.5 g of ***GP Regain 200*** would equate to 17 granules; 1.5 g of ***GP Regain 400*** equates to 102 granules. This results in 3-4 times better coverage on the ground, but also means that the granule breaks down faster on less rainfall. This provides for rapid availability of the active ingredient to seeds and seedlings responding to the same rainfall event. Faster removal of weeds allows faster reseeding and/or recovery of pasture species.

GP Regain 400 has also been designed as a more spherical granule, providing ballistic advantages over other granules. In addition to a marked improvement in efficacy, double strength, smaller granules have improved efficiencies in logistics and application.

Control of Gorse Trial in western Victoria with gorse (Ulex europaeus) 2013-14 showing % brownout over time.

*It can be seen that **GP Regain 400** provided a faster and more complete control of gorse in this trial. Also noted at 24 months after application, two of the **GP Regain 200** plots had regrowth, compared to only one with **GP Regain 400**, and this regrowth was less than 5%.*



Granular Products works with a trusted network of specialist rural resellers and accredited aerial operators across Australia, providing local knowledge and support for effective weed management programs.

For product enquiries, technical support, or to connect with your nearest reseller or Technical Sales Specialist, scan the QR code or contact Granular Products

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