MIXES

Self Regeneration Mix

ARGT resistant ryegrass base, tough and reliable

Safeguard ARGT resistant ryegrass, Dalkeith and Nungarin sub clovers, Paradana Balansa and Hykon Rose clover. Suited for sowing in areas with lower rainfall where Wimmera exists and farmers wish to reduce the risk of ARGT poisoning. Productive across a wide range of soil types. A mix to consider for regenerative pasture or cover cropping.



ABOUT THIS VARIETY

IH Seeds introduced Self Regeneration Mix to cater for the large number of farmers who require an early flowering pasture of annual ryegrass and various clovers that will set seed for regeneration in the following years, and that also gives protection against annual ryegrass toxicity at the same time.

Self Regeneration Mix is based around Safeguard ARGT Resistant Annual Ryegrass, which will successfully cross pollinate with Wimmera, providing ARGT resistance to the following year's progeny. Safeguard flowers early while there are still good moisture levels in the soil, increasing the chances of a successful seed set.

The mix has the potential to provide grazing opportunities during the winter and early spring period before locking up for seed set.

QUICK FACTS

MIN RAINFALL
350 mm+

SOIL & PH
Soil range: Light sand to Heavy · pH 5+ ($CaCl_2$)

SOWING RATE
12–15 kg/ha General

TOLERANCES
Mild Salinity

END USE
Grazing, Hay, Cover crop

LIVESTOCK
Beef, Sheep, Equine, Alpaca

CARBON CREDIT
Eligible

KEY ATTRIBUTES

- ✓ Built around Safeguard ARGT resistant annual ryegrass
- ✓ Cross pollinates with Wimmera for ARGT resistance
- ✓ Early flowering for a reliable seed set and regeneration
- ✓ Reduces the risk of ARGT poisoning where Wimmera exists
- ✓ Suited to lower rainfall areas
- ✓ Grazing through winter and early spring

MIX COMPONENTS

Formulation 2025

COMPONENT
Safeguard ARGT Resistant Annual Ryegrass The only early flowering commercial annual ryegrass with ARGT resistance that can inoculate Wimmera pastures for future protection against ARGT.
Dalkeith Subterranean Clover A very versatile and proven subterranean clover with good seed set ability that combines well with other species in this mix.
Hykon Rose Clover Annual legume with good spring production, well suited to our Mediterranean-type climate and growing satisfactorily on a wide range of soils. Tolerates low pH soils, has good insect tolerance and is a non bloating, palatable forage.
Paradana Balansa Clover A mid-maturing, semi-erect self-regenerating annual clover selected for its tolerance to waterlogged and acid soils and clover scorch resistance. Although tolerant to waterlogging it has low salt tolerance. Combines well with other species.
Nungarin Subterranean Clover Early maturing hard black seeded variety with good persistence due to the high level of hard seeds. Due to Nungarin's earlier maturity, production declines into late spring.

PLANTING & GRAZING NOTES

Optimal sowing time is autumn to winter. Sow at a minimum of 12 kg/ha, or up to 15 kg/ha where there is a likelihood of a higher Wimmera plant population; the higher seeding rate increases the effectiveness of cross pollination with the local Wimmera, increases winter production and assists with second year regeneration. If your background population of annual ryegrass is high, cultivate after the autumn break to encourage Wimmera germination and spray with a non-selective herbicide to reduce Wimmera seed reserves, ideally the year before sowing. If background ryegrass levels are low, plant with minimum soil disturbance. Leave unsown test strips to monitor local ryegrass. Do not sow deep: broadcast and harrow lightly, or preferably sod seed with a triple disc. Check emerging seedlings for insects such as redlegged earth mite. Once established, lightly graze at about 6 weeks or 6–8cm, ideally with younger or lighter beef cattle or sheep, then graze rotationally between 10–15cm, to no lower than 3cm. Graze or cut through late winter and early spring to ensure Wimmera pasture is in a vegetative phase. It is important to keep the paddock tightly grazed until mid-September. Safeguard normally runs to head in early October depending on the area and seasonal conditions. Remove or reduce stock from mid-September so Safeguard and Wimmera head together.

DISEASE & PEST RESISTANCE

Contains certified Safeguard ARGT resistant annual ryegrass, which is resistant to the nematode that causes outbreaks of ARGT. Livestock grazing Safeguard pasture have a significantly reduced risk of developing annual ryegrass toxicity in the pasture, hay or grain. It is safe to graze in spring and summer, and with a good management plan over several years it should assist with eradicating and combating signs of ARGT on your farm. It is recommended the paddock is tested in subsequent years to confirm the bacterium is under control. Paradana Balansa is clover scorch resistant.

STAND LIFE

Allow the paddock to run to seed in the first year to provide the following years' regeneration. The clovers are hard seeded for persistence: Dalkeith Sub clover is a medium maturing prolific seeder with a high % of hard seed, making it very persistent; Nungarin Sub clover is early maturing with a high level of hard seed; Hykon Rose is an early flowering hard seeded clover; and Paradana Balansa provides prolific regeneration if it is not cut late for silage or hay and is allowed to set seed. After seed set, when the pasture has fully dried off, stock can return to graze the residues. If managed well, Self Regeneration Mix should continue to provide high quality pasture into subsequent years.

CARBON FARMING & PASTURE DIVERSITY

Carbon farming offers farmers the opportunity to improve soil health, build soil carbon and support more sustainable farming systems. Many of IH Seeds pasture mixes feature a diverse range of grasses, legumes and herbs that can support productive pastures, encourage deeper root growth, and contribute to soil carbon sequestration. Diverse pastures may help farmers meet the requirements of eligible carbon farming projects under Australia's Emissions Reduction Fund (ERF), with the potential to earn Australian Carbon Credit Units (ACCUs) where approved methods and eligibility criteria are met.

HOW IT'S SOLD

FORM	PACK
BioNPK-S coated	25 kg

Certification: ASF Code of Practice, Certified Quality Assured Seed