MIXES

NITRO MIX

A unique combination of legumes to build a healthy soil

Combining various attributes of both sub clovers and aerial clovers with the inclusion of a hard seeded serradella gives your soil a healthy boost in respect to soil structure and fertility. A good regenerative or cover crop option with a combination of soft and hard seeded varieties. Inoculated and coated with Biological BioNPK Powder S.



ABOUT THIS VARIETY

Nitro Mix is a unique combination of legumes designed to naturally boost soil fertility and farm productivity. These legumes form symbiotic relationships with nitrogen-fixing bacteria, capturing nitrogen from the atmosphere and converting it into a form plants can use. By providing a natural source of nitrogen, Nitro Mix reduces the need for synthetic fertilisers while improving soil structure, organic matter and water retention.

The combination of early and later flowering aerial seeded and subterranean clovers in this mix gives a good spread of production, extending the growing season and flowering. Legumes also create nutritious pastures with high protein and energy, supporting stronger animal performance.

As a cover crop the legumes also deliver regenerative benefits, preventing soil erosion, improving soil health and providing a habitat for beneficial insects. Whether used in pastures, vineyards or cropping rotations, Nitro Mix supports long-term soil fertility and a more sustainable farming system.

Paradana Balansa is tolerant to waterlogging and mild salinity, and Arrowleaf is adaptable to most soil types including deep acidic sands, but does not favour saline or highly alkaline.

Inoculated and coated with Biological BioNPK Powder S. (ECOCERT approved.)

QUICK FACTS

TYPE & PERSISTENCY
Annual

MIN RAINFALL
400 mm+

SOIL & PH
Soil range: Sand to Heavy · pH 5.5+ ($CaCl_2$)

SOWING RATE
5–10 kg/ha General

TOLERANCES
Mild Waterlogging, Mild Drought, Mild Salinity, Mild Low pH

END USE
Cover crop, Grazing, Break crop

LIVESTOCK
Sheep, Equine, Goat, Beef, Dairy

CARBON CREDIT
Eligible

KEY ATTRIBUTES

- ✓ Sub and aerial clovers with a hard seeded serradella
- ✓ Improves soil structure, organic matter and water retention
- ✓ Spread of production across a longer season
- ✓ Natural source of nitrogen for the soil
- ✓ Mix of soft and hard seeded varieties
- ✓ For pastures, vineyards or cropping rotations

MIX COMPONENTS

Formulation 2026

COMPONENT
Paradana Balansa Clover A hardy, self-regenerating annual well suited to medium–high rainfall zones, with a strong tolerance to waterlogging and resistance to clover scorch. Its high hard-seed content gives reliable regeneration, with strong spring growth and good hay production. Tolerance to waterlogging, low PH soils and mild salinity.
Margurita Serradella A winter dominant, deep rooted, hard seeded annual legume with increased persistence, well adapted to a wide range of soil types including acidic and infertile sands. An excellent high quality, palatable forage and feed, especially for cattle and sheep.
Arrowleaf Clover An aerial seeded annual legume known for its tall, erect growth and deep rooting ability to access subsoil moisture, producing feed into late spring and summer. Adaptable to most soil types except saline and high alkaline, this bloat free legume produces a high percentage of hard seed that will self-regenerate if allowed to set seed.
Hykon Rose Clover An aerial seeded, self-regenerating annual legume with prostrate growth and good spring production. Well suited to our Mediterranean-type climate, tolerating a wide range of soils, particularly lighter, dry rocky and low fertile soils.
Riverina Subterranean Clover A white seeded (yanninicum) type: a vigorous, waterlogging-tolerant annual legume known for excellent autumn/winter growth, superior resistance to root rot and a high hard seed content. With its upright growth habit it provides good grazing and hay potential and increases biomass in the mix.

MIX COMPONENTS (CONTINUED)

COMPONENT
Crimson Clover An annual, soft seeded, self-regenerating legume with good frost tolerance, growing over autumn, winter and spring. Suppresses weeds, reduces erosion and improves soil structure, and produces a high-quality, palatable feed into late spring.

PLANTING & GRAZING NOTES

Ideally spray out any existing pasture or persistent weeds and prepare an optimal seed bed, applying lime or gypsum if required. Ensure adequate soil moisture with the possibility of follow up rain. Plant as shallow as possible into a well-prepared seed bed; take care on sandy soils where seeding troughs can fill with wind-blown sand and bury the seed. If broadcasting, a light roller behind the drill improves seed to soil contact (not on wet soils that may crust). Initial establishment of Paradana Balansa can be slow in cool weather. Paradana Balansa should be lightly grazed in the first year, with limited grazing during flowering to allow for an adequate seed set, If cut for late silage or hay there will be limited regeneration.

DISEASE & PEST RESISTANCE

Paradana Balansa has resistance to clover scorch, and Riverina Subterranean Clover has superior resistance to root rot.

STAND LIFE

Paradana Balansa, Margurita serradella, Arrowleaf and Riverina carry high levels of hard seed for reliable regeneration, and Crimson and Hykon Rose clover self-regenerate when allowed to set seed.

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