



ravensdown

In conjunction with Cropmark Seeds, we've developed a range of high performance pasture mixes, built for New Zealand pastoral farmers.

Ready to sow pasture mixes, designed for livestock classes and pastoral farming systems in New Zealand. Providing high-quality feed when you need it.

High Performance Pasture Mixes

HP Dairy Mix

Quality and quantity

The HP Dairy Mix is designed specifically for the needs of dairy farms in regions where insects such as argentine stem weevil are causing persistence issues. The HP Dairy Mix combines one of the leading perennial grasses for production with a well-known, trusted and persistent, medium leaf white clover and a high yielding large leaf white clover.

Ultra Enhanced® Perennial Ryegrass

- Fine Leaved - for palatibility
- Densely tillered- for persistence
- Late Heading - maintains quality later into spring
- Perennial ryegrass x meadow fescue - yield attributes from the perennial ryegrass and feed quality/stay green attributes from the meadow fescue

Suitability / Use

Ideally suited to a wide range of high performance dairy or cattle farming systems including irrigated / higher rainfall or dryland, and to both rotational grazing and set stocking.

You have the option of treated or bare seed. Ravensdown recommends the use of treated seed to provide increased insect protection for your investment.

Contents:

- 20 kg Ultra AR1 perennial ryegrass
- 2 kg Demand white clover coated
- 3 kg Mantra white clover coated
- Pre-mixed into convenient 1ha (25kg) size bags

Stock Suitability

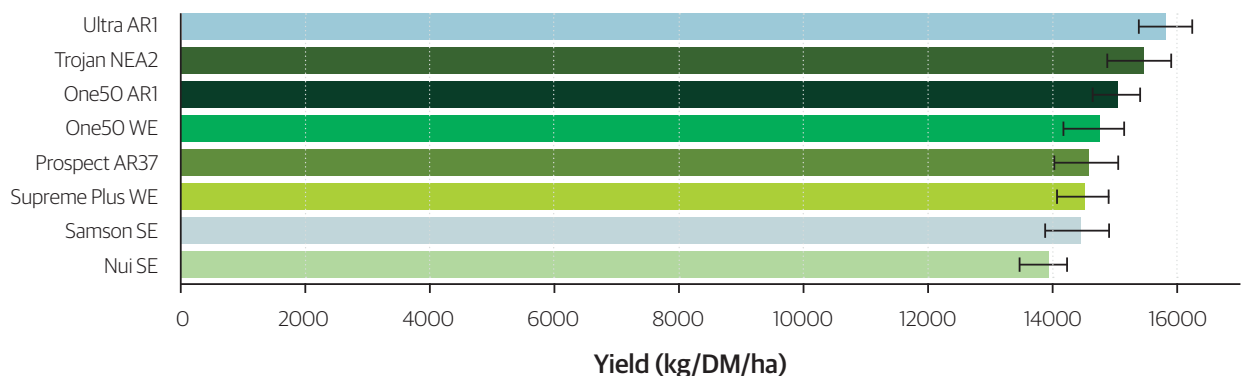
Dairy, Sheep, Beef & Deer.

Ultra AR1 with Mantra and Demand white clovers combine to create the optimum mix where high yield and animal safety are priorities.



NFVT® 2022 Summary

Perennial Ryegrass
Lower South Island / Total Yield



HP Dairy Mix Plus

NEA2 Endophyte protection

A very persistent and high yielding diploid perennial ryegrass. Available with NEA2 endophyte for good animal health and insect pest control. Late heading (+ 18 days), with low aftermath heading and is densely tillered. Rugged and dependable.

Key Traits

- High yielding
- Late heading (+18 days) with low aftermath heading
- Contains the NEA2 endophyte for good animal health and insect control
- Excellent disease resistance

Suitability / Use

Ideally suited to high performance dairy systems throughout the country, particularly in areas where insect pressure is higher.

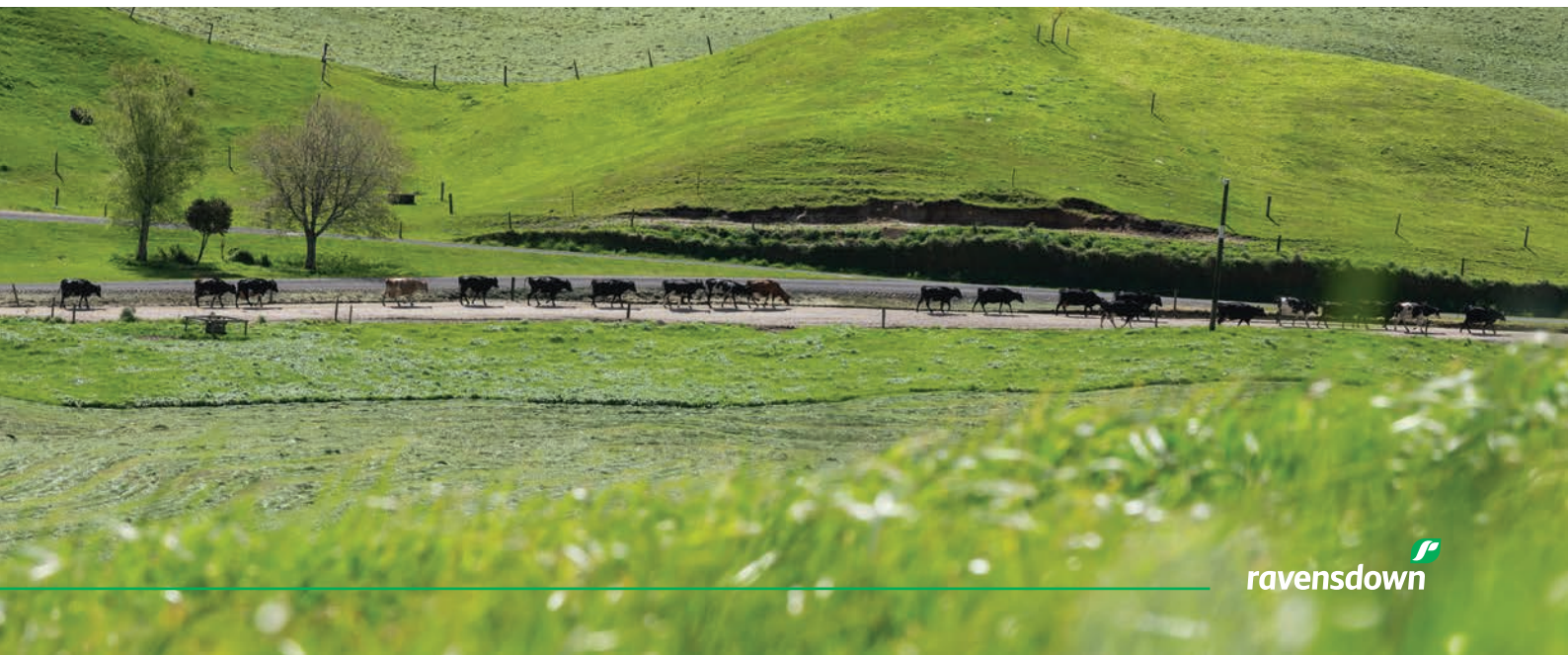
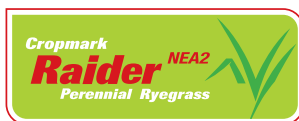
You have the option of treated or bare seed. Ravensdown recommends the use of treated seed to provide increased insect protection for your investment.

Contents:

20 kg Raider NEA2 perennial ryegrass
2 kg Demand white clover coated
3 kg Mantra white clover coated
Pre-mixed into convenient 1ha (25kg) size bags.

Stock Suitability

Dairy, Sheep and Beef.



HP Endurance Mix

Production and persistence

A high performance, persistent pasture mix based on Matrix standard endophyte enhanced perennial ryegrass.

Matrix Enhanced® Perennial Ryegrass

- Thoroughly proven and reliable Enhanced® perennial ryegrass variety with perennial ryegrass and meadow fescue parentage
- Late heading
- Strong year-round performance
- Excellent persistence
- Fast recovery after droughts

Key Traits

- Proven and reliable high performing diploid enhanced perennial ryegrass
- Strong persistence under insect attack
- Very strong winter, early spring growth providing feed when most needed
- Suitable for full pasture renovation and under-sowing

Suitability / Use

Ideally suited to areas where black beetle is prevalent (Waikato, Bay of Plenty, Northland), where persistence is an issue and where farmers are less concerned about grass staggers. Recommended for high performance systems, irrigated or higher rainfall, rotational grazing and set stocking. Not recommended for animals sensitive to endophyte induced grass staggers such as deer, horses, goats or alpacas.

You have the option of treated or bare seed. Ravensdown recommends the use of treated seed to provide increased insect protection for your investment.

Contents:

- 20 kg Matrix Enhanced® perennial ryegrass
 - 2 kg Demand white clover coated
 - 3 kg Mantra white clover coated
- Pre-mixed into convenient 1ha (25kg) size bags.

Stock Suitability

Dairy, Sheep and Beef.



HP Power Plus Mix

A high performance pasture mix based on Legion AR37 and Raider NEA2 perennial ryegrass for improved persistence, pest control, and animal health. This mix is a combination of AR37 (Janthirems) and NEA2 to give superior insect protection.

Legion Perennial Ryegrass

- Outstanding summer, autumn and winter growth
- Excellent density for periods of set stocking and winter grazing
- Very low aftermath seeding and excellent summer leafiness
- Very good tiller size and leaf length

Raider Perennial Ryegrass

- High yielding across all seasons, including strong cool season growth
- Late heading
- Very strong persistence
- Excellent disease resistance
- Contains the NEA2 endophyte for good insect pest control, including black beetle, Argentine stem weevil and pasture mealybug.

Suitability / Use

Ideally suited to where black beetle is prevalent (Waikato, Bay of Plenty, Northland), where persistence is an issue and where farmers are less concerned about grass staggers. Recommended for high performance systems, irrigated or higher rainfall, rotational grazing and set stocking. Not recommended for animals sensitive to endophyte induced grass staggers such as deer, horses, goats or alpacas.

You have the option of treated or bare seed. Ravensdown recommends the use of treated seed to provide increased insect protection for your investment.

Contents:

- 10 kg Legion AR37 perennial ryegrass
 - 10 kg Raider NEA2 perennial ryegrass
 - 2 kg Demand white clover coated
 - 3 kg Mantra white clover coated
- Pre-mixed into convenient 1ha (25kg) size bags.

Stock Suitability

Dairy, Sheep and Beef.



HP Sheep and Beef Mix

Production when you need it

A specially designed animal-safe mix for sheep and beef pastures, based on Ultra AR1 enhanced perennial ryegrass which provides increased early spring production and summer quality. HP Sheep and Beef Mix is designed specifically for increased winter and early spring growth for calving and lambing. Along with high performing perennial ryegrass, it has a trusted and persistent, high yielding medium leaf white clover.

Ultra Enhanced® Perennial Ryegrass

- Fine Leaved – for palatability
- Densely tillered- for persistence
- Late Heading – maintains quality later into spring
- Perennial ryegrass x meadow fescue – yield attributes from the perennial ryegrass and feed quality/stay green attributes from the meadow fescue

Raider Perennial Ryegrass

- High yielding across all seasons, including strong cool season growth
- Late heading
- Very strong persistence
- Excellent disease resistance
- Contains the NEA2 endophyte for good insect pest control, including black beetle, Argentine stem weevil and pasture mealybug

Key Traits

- High pasture production and quality
- Increased early spring growth
- Densely tillered grasses for increased grazing tolerance
- Animal safe

Suitability / Use

Ideally suited to a wide range of high performance sheep and cattle farming systems including irrigated / higher rainfall or dryland, and to both rotational grazing and set stocking.

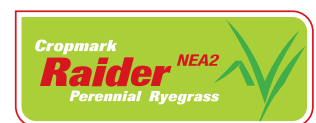
You have the option of treated or bare seed. Ravensdown recommends the use of treated seed to provide increased insect protection for your investment.

Contents:

- 10 kg Ultra AR1 perennial ryegrass
 - 10 kg Raider NEA2 perennial ryegrass
 - 5 kg Demand white clover coated
- Pre-mixed into convenient 1ha (25kg) size bags.

Stock Suitability

Dairy, Sheep and Beef.



HP Pinnacle Mix

Avatar NEA and Raider NEA2 with Mantra and Demand white clovers combine to create the optimum mix between palatability and persistence through mixing tetraploid and diploid genetics. The HP Pinnacle mix is available now.

Key Traits

- Blend of high quality tetraploid perennial ryegrass, combined with robust and durable perennial ryegrass
- High animal performance
- A combo of late heading perennial ryegrasses.
- Extremely palatable and persistent
- Contains NEA endophyte
- Suitable for Dairy, Sheep and Beef
- Easy to manage

Avatar NEA is a very high yielding, late heading tetraploid perennial ryegrass that was developed to provide high quality feed to animals while still maintaining high levels of persistence under intense grazing systems.

Raider NEA2 perennial ryegrass is a persistent and high yielding diploid perennial ryegrass which contains the NEA2 endophyte for improved insect pest control and persistence.

Tetraploid/Diploid Pasture Mixes Offer:

- Improved palatability & Persistent
- High pasture quality, dry matter production and utilisation
- Robust & durable pasture mix
- High level of animal performance
- Better persistence compared with straight tetraploid
- Inclusion of densely tillered diploid to avoid overgrazing

Sowing and Establishment

The HP Pinnacle mix has the optimum ratio of tetraploid/diploid seeds. Tetraploid seeds are larger than diploid seeds and as such are sown at a higher rate in the mix. Avatar NEA is included at 11kg/ha while Raider is included at 9kg/ha with 3kg/ha of Mantra and 2kg/ha Demand coated White Clovers making up the balance of the mix.

Mix Suitability

The HP Pinnacle mix is excellent when sown alone, or can also benefit from the inclusion of additional forage species such as Chico Chicory depending on your targets within your farming system.

Grazing Management

While straight tetraploid mixes are prone to overgrazing from stock, the inclusion of a dense diploid perennial ryegrass in this mix protects the tetraploid plant allowing for easier management.

Positioning

Good fertility, can tolerate lower fertility. OLSEN P 10-18+. From free draining to heavy soils.

Longevity

Tetraploid and Diploid Perennial Ryegrass Combination. i.e. long term/permanent pasture 5+ years.

Stock Suitability

Dairy, Sheep, and Beef.





HP Finishing Mix

High yield, high quality

A high performance, short term pasture mix designed to provide high quality all-season forage for pastoral finishing systems. This mix is based on Frenzy LE hybrid ryegrass; providing fast establishment and strong winter production, coupled with the added high quality of red and white clovers.

Frenzy Hybrid Ryegrass

- A new, very high yielding tetraploid hybrid (short-rotation) ryegrass.
- Extremely fast establishing with strong cool season growth and year-round yields.
- Ideally suited for stitching into old or run-out pastures or for use as a short term (1-2 years) specialist pastures.

Key Traits

- All-round seasonal production
- High quality clover content
- High palatability

Suitability / Use

Ideally suited to high performance finishing systems throughout the country, particularly in areas where moisture is more reliable. Frenzy LE is animal safe, however it provides little or no protection against common insect pests.

You have the option of treated or bare seed. Ravensdown recommends the use of treated seed to provide increased insect protection for your investment.

Contents:

- 18 kg Frenzy LE hybrid ryegrass
 - 2 kg Demand white clover
 - 5 kg Reaper red clover
- Pre-mixed into convenient 1ha (25kg) size bags.

Stock Suitability

Dairy, Sheep, Beef and Deer.



Options to Add

Kainui Cocksfoot

Cropmark bred cocksfoot which was selected for leaf density and its soft ryegrass-like leaves which provide it with significantly higher palatability. It is high yielding, summer-dry tolerant and has high tiller density, and very good disease tolerance.

It is well suited for inclusion in pasture mixes or as a specialist pasture in summer-dry areas.



Chico Dependable Chicory

A high yielding, very high quality, leafy chicory. Chico has fast establishment, rapid re-growth, strong insect resistance and good drought tolerance.

It can also be used as a component of pasture mixes adding extra quality through the summer when other plants come under moisture stress. It is suited for use with sheep, cattle and deer, and can be used throughout the country, particularly in summer-dry regions.



Oracle Plantain

A late heading plantain selected for high forage yields under grazing. Oracle exhibits fast establishment with very strong year-round growth, especially over late spring, summer and autumn, with high forage quality. Being late flowering compared to many other plantains, Oracle holds its forage quality for longer into spring. Ideal for use as a specialist forage crop, or inclusion in permanent mixtures. Suitable for all livestock types.



Available on Request

HP Economy Mix

Contents:

22kg VNS Perennial Ryegrass

3kg Uncert/VNS white clover coated

- A low cost perennial pasture mix option
- Contains a perennial ryegrass with a coated white clover

HP Pasture Repair Mix

Contents:

12.5kg VNS/Uncert Italian Bare

12.5kg VNS Perennial Bare

- Designed for over-sowing into run out or damaged pastures
- Contains an Italian ryegrass for fast establishment and rapid growth combined with a perennial ryegrass for longer term production



Contact your local agronomist, or agri manager to order yours today.
Or call our customer centre on 0800 100 123.




CROPMARKSEEDS


ravensdown