



POWERPAK®

Pasture Mixes & Blends

1800 619 910 | dlfseeds.com.au



**Certainty
through
science®**

POWER YOUR PASTURE WITH POWERPAK®

For over 85 years, DLF Seeds have been working hand in hand with Australian farmers to deliver the best results on the land.

This guide features quality mixes and blends that assist in achieving top results (even within challenging conditions).





EXTRA GROWING POWER

Every PowerPak® proprietary blend contains high performing seed varieties that are carefully selected to match the challenges of individual local growing conditions.

In fact, each PowerPak® blend has been developed by working closely with farmers, DLF Seeds Sales Agronomists and local rural retailers. People who really understand the land.

So whether you are looking for a quick seasonal feed fix, year round grazing, greater persistence in a high rainfall dairy region or top quality feed in a dryland area, our PowerPak® range has you covered.

For help with pasture planning, grazing management, sowing rates or simply choosing the right PowerPak® blend, call your local rural retailer listed at the back on this brochure.



Stock class key



Beef



Dairy



Sheep



Hay



Silage

For important endophyte information relating to insect control and animal safety, visit dlfseeds.com.au/advice/pasture/endophytes

HEADING DATES

Earlier heading:

- Often earlier flush of spring growth
- Early maturing
- Poorer late season quality
- Improved spring quality if aftermath heading is low

EARLY	Variety	Heading/flowering date (days)
	Sprinter	+3 - +9
	Sprinter Plus	+3 - +9
	Winter Plus	+3
	Puncher AR37	+3 - (sub clover +112 days)
	Marathon	Early - (sub clover +112 & +136 days)
	Sprinter Express	+9 - +18
	Sprinter Express Plus	+9 - +18
	Winter Extender	+9
	Endurance	+12 - +25
	Dairy AR37	+14 - +22
	Dairy Plus AR37	+14 - +22
	Supreme	+17 - +19
	Supreme Plus	+17 - +19
	Morish	+17 - +20
LATE	Finisher	+20

Later heading:

- Can be later flush of spring growth
- Late maturing
- Better late season quality
- Responds well to summer rainfall

Dairy AR37

grassland endophyte

Ultrastrike® film coat seed recommended

Sowing rate	20-30 kg/ha
Ready to graze	8-12 weeks
Rainfall/Irrigation	Minimum 650mm p.a

Used for



Exceptional establishment and highly palatable

Dairy AR37 is ideal for higher rainfall and/or irrigated areas that want high levels of feed. The blend of a diploid and a tetraploid ryegrass increases feed utilisation and keeps feed quality high. Maintain soil fertility to maximise the amount of feed that can be grown.

Contains the following quality products

Base AR37 tetraploid perennial ryegrass

Densely tillered and high yielding with enhanced persistence from AR37 endophyte.

Legion AR37 diploid perennial ryegrass[#]

Fine leaved, strong summer/autumn/winter growth.

Key uses and benefits:

- High levels of production through autumn and winter
- Increased persistence with the AR37 novel endophyte

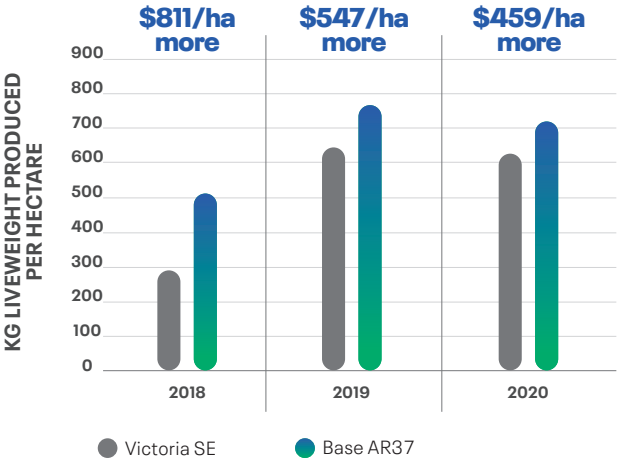
→ **Base AR37: Top performer in Dairy Australia's FVI for 6 consecutive years***

*Accurate as at 30th of December 2023.

[#]Due to small number of tip awns, Legion is certified *Lolium boucheanum*

BENEFITS OF BASE AR37 OVER VICTORIAN RYEGRASS

Kg liveweight produced per hectare. Calculated income by variety based on lamb liveweight value of \$3.50/kg in 2018, \$4.00/kg in 2019 and \$4.50/kg in 2020.



- Increased gross profit and liveweight gain per hectare from lambs.
- Increased persistence after five years as a result of AR37 endophyte.
- Added palatability of a late heading tetraploid ryegrass leading to higher weight gains.
- Higher autumn/winter grass production enabled higher stocking rates of ewes resulting in more lambs being turned off per hectare.
- The ability of Base AR37 to maintain its feed quality longer at the end of season led to higher live weight gains in lambs (well into December).
- Base AR37 produces more dry matter and this dry matter is distributed more evenly across the year, making Base AR37 easier to manage compared to Victorian SE.
- Ewes had improved body condition scores with Base AR37 in comparison to Victorian SE.

Dairy Plus



Ultrastrike® film coat seed recommended

Sowing rate	25-30 kg/ha
Ready to graze	8-12 weeks
Rainfall/Irrigation	Minimum 650mm p.a

Used for



High yielding quality feed with excellent persistence

A quality blend for farmers looking for high quality feed as well as large amounts of dry matter at critical times such as autumn and winter. The addition of clovers increases the quality of feed. This is a premium perennial pasture blend designed to deliver excellent results.

Contains the following quality products:

Base AR37 tetraploid perennial ryegrass

Densely tillered and high yielding with enhanced persistence from AR37 endophyte.

Legion AR37 diploid perennial ryegrass[#]

Fine leaved, strong summer/autumn/winter growth.

Tribute white clover Superstrike® treated seed. A medium leaf white clover which is a productive, year round performer.

Key uses and benefits:

- Excellent feed throughout autumn and winter periods
- Increased persistence with the AR37 novel endophyte
- High performing white clover increases feed quality and fix free atmospheric Nitrogen.

→ **Base AR37: Top performer in Dairy Australia's FVI for 6 consecutive years***

*Accurate as at 30th of December 2023.

[#]Due to small number of tip awns, Legion is certified *Lolium boucheanum*

PERENNIAL BLEND

Endurance Endo5

Ultrastrike® film coat seed recommended

Sowing rate	20-30 kg/ha
Ready to graze	8-12 weeks
Rainfall/Irrigation	Minimum 600mm p.a

Used for



Quality feed for longer in both dryland and irrigated areas

A proven blend with a wide variety of uses for farmers looking for high quality feed. Mixed with clovers for high production, late season growth and free atmospheric Nitrogen fixation.

Contains the following quality products:

Reward Endo5 tetraploid perennial ryegrass

Late maturing and excellent rust tolerance ensures high quality feed for longer.

Platform AR1 diploid perennial ryegrass[#]

High tiller density and resilient ryegrass genetics.

Tribute white clover Superstrike® treated seed.

A medium leaf white clover which is a productive, year round performer.

Leura subterranean clover Prillcote® treated seed.

Late season variety.

Key uses and benefits:

- Highly palatable and delivers quality feed
- Suits dryland and irrigated situations



[#]Due to small number of tip awns, Platform is certified *Lolium boucheanum*

PERENNIAL BLEND

Puncher



NEW

Ultrastrike® film coat seed recommended

Sowing rate	15-25kg/ha
Ready to graze	6-12 weeks
Rainfall/Irrigation	Minimum 600mm p.a
Used for	

A NEW mid heading diploid perennial mixed with high quality clover for free Nitrogen fixation

Featuring a new generation, mid heading diploid perennial ryegrass, Puncher boosts early spring growth and suits a wide range of climatic regions. As a high performance, resilient diploid perennial blend with low aftermath heading in summer, Puncher maintains summer quality throughout the season (similar to existing late heading dairy options).

Contains the following quality products:

Reason AR37 diploid perennial ryegrass

Very high tiller density, extremely low aftermath heading in summer and industry leading autumn recovery.

Bindoon subterranean clover Superstrike® treated seed. Highly persistent with RLEM resistance and high dry matter production during autumn/winter.

Tribute white clover Superstrike® treated seed. A medium leaf white clover which is a productive, year round performer.

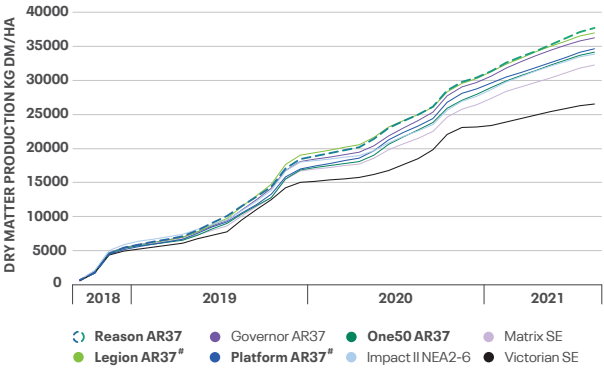
Key uses and benefits:

- High performance, mid heading perennial suited to a range of systems
- *Industry leading autumn yield and recovery from Reason AR37
- Added insect protection from AR37 endophyte

*DLF Seeds trial

REASON AR37 TRIAL DATA

Accumulated dry matter production from DLF Seeds perennial ryegrass trial, Terang Victoria (2018-2021)



- After 3 years, Reason AR37 was the highest producing diploid perennial ryegrass within the trial.
- Reason AR37's strong performance is attributed to strong autumn recovery, early spring growth and returning to vegetative growth state after flowering.

LSD5% = 355kgDM/ha

[#]Due to small number of tip awns, Platform and Legion are certified *Lolium boucheanum*



Reason AR37 diploid perennial ryegrass, Ballarat VIC

Marathon MaxP

Ultrastrike® film coat seed recommended

Sowing rate	15-25 kg/ha
Ready to graze	8-12 weeks
Rainfall/Irrigation	Minimum 550mm p.a

Used for



Dryland blend there for the long run

Marathon is a persistent and adaptable proprietary perennial pasture blend suited for a wide range of farming systems and soil types. Marathon contains winter and summer active perennial grasses mixed with a well balanced, high quality legume component of subterranean, red and white clover for year round performance.

Contains the following quality products:

Confederate phalaris

Winter active phalaris with excellent dry matter production and low alkaloid production.

Aurus cocksfoot

Strong seedling vigour, excellent drought tolerance and strong winter growth.

Quantica MaxP® summer active tall fescue

Strong winter growth combined with MaxP endophyte for insect protection.

Bindoon subterranean clover Superstrike® treated seed. Highly persistent with RLEM resistance and high dry matter production during autumn/winter.

Coolamon subterranean clover Superstrike® treated seed. Improved winter and spring production, providing high yields and dense swards.

Tribute white clover Superstrike® treated seed. A medium leaf white clover which is a productive, year round performer.



HYBRID BLEND

Finisher



Ultrastrike® film coat seed recommended

Sowing rate	15-25kg/ha
Ready to graze	6-12 weeks
Rainfall/Irrigation	Minimum 600mm p.a

Used for



Quick production, persistence and premium insect protection from AR37 endophyte

Italian like first year production plus the added benefit of 2-4 years production from a hybrid ryegrass. White and red clovers bred to handle grazing provide a quality protein source to help finish stock and produce milk, throughout both summer and autumn. Once established, Finisher will bounce back quickly in autumn and produce feed during the rest of the year.

Contains the following quality products:

Mohaka AR37 tetraploid hybrid ryegrass

Broad leaved, densely tillered with excellent cool season growth and increased persistence with AR37 endophyte.

Amigain red clover Superstrike® treated seed.

Latest generation red clover bred for increased persistence.

Tribute white clover Superstrike® treated seed.

A medium leaf white clover which is a productive, year round performer.

Key uses and benefits:


- High performance finishing mix for sheep, beef, and dairy operations
- Medium term pasture option with Italian like production and high quality hay and silage
- Added insect protection from AR37 endophyte



HYBRID BLEND

Morish

AR37
gradax endophyte
NEW
Ultrastrike® film coat seed recommended

Sowing rate	10-25kg/ha
Ready to graze	6-12 weeks
Rainfall/Irrigation	Minimum 600mm p.a
Used for	

A high quality silage or oversowing option

A combination of Italian and hybrid ryegrass, Morish is the perfect oversowing option to boost production and provide competition over a renovation phase. Blended to provide flexibility within your system providing high quality hay and silage or grazing throughout the year.

Contains the following quality products:

Mohaka AR37 tetraploid hybrid ryegrass

Broad leaved, densely tillered with excellent cool season growth and increased persistence with AR37 endophyte.

Lush AR37 tetraploid Italian ryegrass

Quick to establish, excellent rust tolerance providing quality feed into summer.

Key uses and benefits:

- Oversowing option due to high establishment vigour
- Late season quality and low aftermath heading
- Added insect protection from AR37 endophyte



ITALIAN BLEND

Supreme

Ultrastrike® film coat seed recommended

Sowing rate	20-35 kg/ha
Ready to graze	6-12 weeks
Rainfall/Irrigation	Minimum 500mm p.a

Used for**Exceptional establishment and highly palatable**

A great blend that combines a diploid Italian ryegrass, which offers speed out of the ground and excellent persistence with a quality tetraploid. The real benefit with PowerPak® Supreme is the combination of a diploid and a tetraploid ryegrass which offers farmers high production, late season quality and a true balance of high performance feed for their animals.

Contains the following quality products:**Concord® II diploid Italian ryegrass**

Exceptional speed of establishment and increased winter production.

Feast® II tetraploid Italian ryegrass

Remarkable performance and quality.

Key uses and benefits:

- Excellent levels of production and highly palatable
- Maintains quality late into the season



Supreme Plus

Ultrastrike® film coat seed recommended

Sowing rate	20-35 kg/ha
Ready to graze	6-12 weeks
Rainfall/Irrigation	Minimum 500mm p.a

Used for



Persistent, high quality feed blend for premium results

This blend offers a true balance of ryegrass and clover to maintain high quality feed from winter through to summer. The combination of a diploid and tetraploid ryegrass with clover will increase the utilisation of the feed grown and fixes free atmospheric Nitrogen from clovers.

Contains the following quality products:

Concord® II diploid Italian ryegrass

Exceptional speed of establishment and increased winter production.

Feast® II tetraploid Italian ryegrass

Remarkable performance and quality.

Taipan balansa clover Superstrike® treated seed. Mid-maturing, high performance balansa clover.

Tribute white clover Superstrike® treated seed. A medium leaf white clover which is a productive, year round performer.

Key uses and benefits:

- High quality feed for grazing, silage and hay
- Will suit dryland and irrigated areas



ANNUAL BLEND

Sprinter

Ultrastrike® film coat seed recommended

Sowing rate	25-40 kg/ha
Ready to graze	6-12 weeks
Rainfall/Irrigation	Minimum 500mm p.a

Used for**A fast establishing blend for quick autumn, winter and spring feed**

Sprinter offers the flexibility of hay and/or silage making. In addition, Sprinter can be used to extend the life of an existing pasture which makes Sprinter the perfect all round blend.

Contains the following quality products:**Ascend tetraploid annual ryegrass**

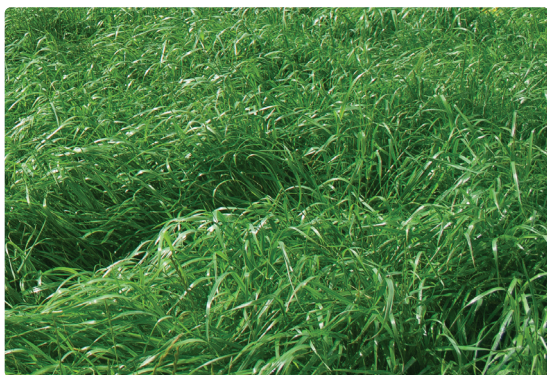
Exceptional seedling vigour followed by late season grazing opportunities.

Astro® tetraploid annual ryegrass

Produces high quality quick winter feed.

Key uses and benefits:

- Quick autumn, winter and spring feed
- Can out-compete weeds, making it ideal for pasture renovation



Sprinter Plus

Ultrastrike® film coat seed recommended

Sowing rate	25-40 kg/ha
Ready to graze	6-12 weeks
Rainfall/Irrigation	Minimum 500mm p.a

Used for



A quality blend with grazing flexibility and hay and silage production

Sprinter Plus is a high quality blend that includes clovers and offers grazing flexibility and hay and/or silage production. Sown early into available moisture, Sprinter Plus offers excellent feed from autumn through to early summer.

Contains the following quality products:

Ascend tetraploid annual ryegrass

Exceptional seedling vigour followed by late season grazing opportunities.

Astro® tetraploid annual ryegrass

Produces high quality quick winter feed.

Taipan balansa clover Superstrike® treated seed. Mid-maturing, high performance balansa clover.

Shaftal Persian clover Prillcote® treated seed. Demonstrates late season maturity.

Key uses and benefits:

- Quick autumn, winter and spring feed
- High quality feed making it an ideal hay or silage mix



ANNUAL BLEND

Sprinter Express

NEW

Ultrastrike® film coat seed recommended

Sowing rate	25-40 kg/ha
Ready to graze	6-12 weeks
Rainfall/Irrigation	Minimum 500mm p.a

Used for**Rapid establishment with strong winter production**

Sprinter Express is a strong performing annual pasture blend with rapid establishment and strong winter production. Featuring increased animal preference and performance, Sprinter Express provides high quality silage and hay opportunities.

Contains the following quality products:**Ascend tetraploid annual ryegrass**

Exceptional seedling vigour followed by late season grazing opportunities.

Jivet tetraploid annual ryegrass

Rapid establishment and outstanding winter performance

Key uses and benefits:

- Quick autumn, winter and spring feed
- Rapid establishment that offers late season grazing



ANNUAL BLEND

NEW

Sprinter Express Plus

Ultrastrike® film coat seed recommended

Sowing rate	25-40 kg/ha
Ready to graze	6-12 weeks
Rainfall/Irrigation	Minimum 500mm p.a

Used for



Outstanding performance that maintains quality late into the season

Sprinter Express Plus is a strong mix of annual ryegrasses and clovers, offering grazing flexibility as well as improved hay and silage production. This mix provides high dry matter production, with increased winter and early spring growth.

Contains the following quality products:

Ascend tetraploid annual ryegrass

Exceptional seedling vigour followed by late season grazing opportunities.

Jivet tetraploid annual ryegrass

Produces high quality quick winter feed.

Taipan balansa clover Superstrike® treated seed. Mid-maturing, high performance balansa clover.

Shaftal Persian clover Prillcote® treated seed. Demonstrates late season maturity.

Key uses and benefits:

- Quick autumn, winter and spring feed
- High quality feed making it an ideal hay or silage mix

ANNUAL BLEND

Winter Plus

Sowing rate	70-100 kg/ha
Ready to graze	6-12 weeks
Rainfall/Irrigation	Minimum 500mm p.a

Used for


A fast establishing blend for quick winter feed, suitable for a variety of farming operations

A great blend for gaining winter feed as quickly as possible. Finishes early to mid-spring which enables a forage crop such as brassica to be sown for summer feed. Winter Plus offers flexibility and suits many different environments and farming operations.

Contains the following quality products:

Southern Green forage ryecorn

High yielding, quick winter feed option.

Astro® tetraploid annual ryegrass

Produces high quality quick winter feed.

Key uses and benefits:

- Fast establishing for quick winter feed
- Suits a wide range of rainfall areas



Winter Extender

Sowing rate	70-100 kg/ha
Ready to graze	6-12 weeks
Rainfall/Irrigation	Minimum 500mm p.a

Used for



Quick, winter feed and maximised late season production

Winter Extender contains Southern Green ryecorn and the late maturing Ascend annual ryegrass. Winter Extender is a great option supplying quick winter feed as well as quality forage later into the season allowing for that extra grazing, silage or hay cut.

Contains the following quality products:

Southern Green forage ryecorn

High yielding, quick winter feed option.

Ascend tetraploid annual ryegrass

Exceptional seedling vigour followed by late season grazing opportunities.

Key uses and benefits:

- Fast establishing for quick feed
- Contains late maturing ryegrass for extended forage quality



SEED TREATMENTS

Superstrike®

Superstrike® contains a combination of seed protection and enhancement additives within its seed treatment for clovers and lucerne.

Superstrike® seed treatment contains the same ingredients as the SowEasy KickStart™ seed treatment.

- Assists in maximising seedling establishment, plant development and forage yields
- Targeted protection against major insects and diseases during the first 0-6 weeks after sowing
- Not harmful to beneficials, such as earthworms
- Cost effective compared with 'broadacre' control options

Recommended legumes:

- Use in all sub-surface and broadcast sowings in both cultivated and nil tillage situations

Contains:

Poncho® Plus, a systemic insecticide for protection against Red Legged Earth Mite, Blue Oat Mite, Cutworm and Lucerne Flea (suppression only). Please note, in some cases where high numbers of pests are present, a follow up insecticide treatment may be necessary.

Apron XL® fungicide effective against the 'damping off' diseases *Pythium* and *Fusarium* applied to sub clovers.

AxyM fungicide effective against the 'damping off' diseases *Pythium* and *Fusarium* applied to lucerne.

Inoculated with Nitrogen-fixing bacteria Rhizobia (no Rhizobia inoculant applied to tropical legumes).

A fine lime base for localised pH correction around seedlings.

Ultrastrike®

Ultrastrike® is a broad spectrum 'film coat' that provides establishing grass, chicory and brassica seedlings with extensive protection.

Ultrastrike® seed treatment contains the same ingredients as the Kickstart™ seed treatment.

- Assists in maximising seedling establishment and plant development
- Effective against a range of common insects
- Effective against a range of diseases in brassica and chicory
- Not harmful to beneficials such as earthworms
- Cost effective compared with 'broadacre' control options

Recommended for grass, brassica and chicory:

- Full pasture renovation situations when new grass is sown
- Use in over-sowing programmes due to the increased risk of insect damage in grass to grass environments
- Over-sowing situations where competition from the existing pasture can be limiting on new seedlings
- All autumn and spring sown grasses, brassica and chicory

Contains:

- Poncho® Plus; a systemic insecticide for protection against Red Legged Earth Mite, Blue Oat Mite, African Black Beetle, Yellow Headed Cockchafer and Lucerne Flea (suppression only). Please note, in some cases where high numbers of pests are present, a follow up insecticide treatment may be necessary
- Thiram fungicide effective against the 'damping off' diseases *Pythium* and *Fusarium* applied on Pallaton, Barkant, and Green Globe
- Apron XL fungicide effective against the 'damping off' diseases *Pythium* and *Fusarium* applied on Goliath®, Mainstar, Titan and Regal®
- Grazing withholding period is 8 weeks for forage brassica, broadleaf pasture and 6 weeks for grass pastures



Get in touch today!

For more information visit dlfseeds.com.au, call **1800 619 910** or get in touch with your local distributor using the information below.

Your local PowerPak® distributor

Product availability

Our goal is to deliver the PowerPak® blends to the recipes detailed in the brochure, however, if we are unable to achieve this due to stock availability issues, the unavailable product will be replaced with a suitable proprietary product replacement or if this should not be available it will be replaced with a suitable common variety.

Disclaimer

Results will vary depending on all circumstances. PGG Wrightson Seeds Australia (Pty) limited trading as DLF Seeds and its officers, employees, contractors, agents, advisers and licensors of intellectual property provide no assurances, guarantees or warranties in relation to any advice, information, cultivar or product, other than those that must be provided by law. To the extent permitted by law, DLF Seeds excludes all liability, and has no liability to anyone, for any claims for loss, however arising, from or in relation to any advice, information, cultivar or product except to the extent that the loss has been contributed to by DLF Seeds.

Intellectual Property

AR1, MaxP, AR37, and Endo 5 endophytes are used under licence from Grasslanz Technology Limited. AR1 and AR37 endophytes are protected under the Australian Plant Breeders Rights Act 1994. AR Logo, and Endo are registered trademarks of Grasslanz Technology Limited in Australia. The following are registered trademarks of PGG Wrightson Seeds Limited in Australia: Astro, Concord, Feast, Goliath, Superstrike, Ultrastrike and Prillcote.

PGG Wrightson Seeds is trading as DLF Seeds.

PGG Wrightson Seeds (Australia) Pty Ltd - ABN 83 004 227 927