

RAGT spring cultivar guide

High-performing
pastures and crops
for success.



think
SOLUTIONS
think RAGT





Welcome to the latest RAGT spring cultivar guide.

As the new season begins, we're here to help you make the best choices with proven genetics and innovative solutions. Inside, you'll find practical insights on RAGT's leading cultivars and technologies—developed to meet New Zealand's farming challenges today and into the future.

Whether you're selecting a species to suit your local environment or looking to maximise yield and animal production, our high-performing cultivars, advanced seed treatments, and leading novel endophyte RGT18 provide real on-farm benefits. Plus, with RAGT experts on the ground in your region offering local support, you can be confident in every decision.

Wherever you are and whatever your challenges – Think solutions. Think RAGT.

James White

Commercial Manager, RAGT New Zealand



High performance is key when it comes to selecting the right pasture and crop cultivars for spring. At RAGT New Zealand, we're focused on delivering exactly that - top-quality genetics backed by proven results in the field.

Our plant breeding is built on strong foundations of productivity and quality, so you can trust what you're putting in the ground. And it's not just about great genetics; we're here to provide practical, reliable solutions that are right for your farm.

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DID YOU KNOW?

RAGT originates from 4 regions situated across France, all of which were used to create its name:

- > Rouergue
- > Auvergne
- > Gévaudan
- > Tarnais



WE'RE PART OF A GLOBAL SEED POWERHOUSE

RAGT breeds, produces and sells seeds globally. Varietal innovation is at the heart of its activity. With 40 species, RAGT has one of the largest portfolios in the seed industry: protein crops, forages, cover crops, maize, sorghum, cereals, oilseeds and amenity.

RAGT SEEDS FIGURES



RAGT is the European leader in cereals and protein-rich species.



RAGT is recognised for the quality of our forage crops.



RAGT is an innovator in crops to support and develop sustainability in agriculture.

#1

European cereals leader

#1

Global spring barley leader

#1

European protein crops leader

22

Business subsidiaries

29

Breeding stations

53

Sales in 53 countries

~18%

Invested in breeding

40

Species

65

Breeding programmes

1500

Employees (FTE)

RAGT CONTRIBUTION TO LIVESTOCK FARMING

RAGT has one of the broadest portfolios of forage species covering most of the needs of current and future forage systems, a real strength in the face of climate change.

With world-leading seed breeding programmes, proven high-performing plant genetics, and innovative seed treatments and endophyte – we're proud to provide Kiwi farmers a range of key agronomic features that translate into real, on-farm benefits.

Fodder beet **Herbs**
Ryegrass Forage brassicas
Cocksfoot **Red clover**
White clover **Tall fescue**
Lucerne

INNOVATIVE SOLUTIONS FOR REAL-WORLD FARMING CHALLENGES.

We're committed to partnering with the agricultural world to create innovative solutions that rise to the challenges of tomorrow.

Joining forces with global powerhouse RAGT means New Zealand farmers get the best of local homegrown expertise combined with leading global research. It also means we can put even more effort into innovation and our local customers have even better access to the best international thinking and products.

With over 300,000 test plots worldwide (including right here in New Zealand), 65 breeding programmes across multiple species and 29 breeding stations – your farm will reap the benefits.



IF YOUR CHALLENGE IS
**PASTURE
PESTS AND
PERSISTENCE**
CHOOSE



Novel endophyte for better persistence
and pest protection.

Offers the highest animal safety ratings.

High performance when partnered
with RAGT genetics.

Rigorously tested and proven.



IF YOUR CHALLENGE IS
**VARIABLE
WEATHER
CONDITIONS**

CHOOSE



Performance under normal
and suboptimal conditions.

Better yield preservation
under water-limiting
conditions.

Flexible and efficient in the
face of weather variations.

Genetic predisposition
to cope.



IF YOUR CHALLENGE IS
**INCREASING
ANIMAL
PRODUCTION**

CHOOSE



Faster growth and earlier
market readiness.

Can support higher milk yields
and better quality milk.

Crucial for maintaining/
increasing reproductive
efficiency.

Lower overall carbon footprint
per unit of meat produced.



IF YOUR CHALLENGE IS
**PROTECTING YOUR
INVESTMENT**

CHOOSE



Seed treatment for quick
and even establishment.

Supports successful growth
of emerging seedlings.

Protects against attacks by
major pests and diseases.

Developed for New Zealand conditions.

Ensures seeds are safe,
easy to handle, and simple to use.

Targeted approach allows for lower
doses per hectare, minimising impact
on non-target insects and eliminating
additional application costs.

Fortify seed treatments use advanced polymer technologies. By combining systemic and non-systemic chemicals, Fortify seed treatments provide targeted protection. Non-systemic components shield seeds in the soil, while systemic components are absorbed by germinating seedlings, offering up to 42 days of protection.

In cases of high pest pressure at sowing, additional protection may be needed. A pre-sowing assessment is essential.

Be especially vigilant in direct drilled situations, where plant material carryover can enable pest transfer. Crop history is also crucial, as some pests readily move between crops, such as from maize to grass.

PRODUCT SUMMARY

RAGT plant breeding is based on the fundamentals of great genetics teamed with high production. It's these foundations that help ensure the material we produce performs as expected in the field.

PERENNIAL GRASSES

RGT

Hustle

Diploid perennial ryegrass



- > Extend production seamlessly into autumn with excellent late-season growth.
- > Upright growth habit provides more space for legumes and herbs to thrive.
- > One of New Zealand's top performing perennial ryegrasses.



- > Production slows down at 20°C and stops at 25°C.
- > Avoid overgrazing in autumn, as the plant is trying to recover.

Now grows even better with RGT18 novel endophyte.

RGT

Moxie

Diploid perennial ryegrass



- > Offers strong yields during the key growing seasons of early spring and autumn, along with high levels of winter production.
- > Semi-upright growth habit provides a dense sward for increased ground cover and persistence.
- > High tiller density for good resilience to cool season grazing.



- > Production slows down at 20°C and stops at 25°C.
- > Avoid overgrazing in autumn, as the plant is trying to recover.

Ideal foundational cultivar.

RGT

Tenderly

Cocksfoot



- > Highly digestible and high-yielding to boost animal performance and maximise productivity.
- > Exceptional early spring growth meets peak feed demand.
- > Designed for persistence, bounces back after drought, ensuring reliable long-term forage production.



- > While highly resilient once established, early establishment care is key to maximising its benefits.
- > Intermediate-heading variety may not align perfectly with all ryegrass-based systems.

Highly digestible, high-yielding and bred to last.

RGT

Nouga

Tall fescue



- > Super soft leaves makes it very palatable and highly digestible.
- > An oceanic type that produces a flatter early spring growth curve, making pasture management easier.
- > Extremely clover friendly, unlocking even greater pasture production and animal performance.



- > It can take up to one year to reach maximum production. This time is spent building root mass underground, increasing tolerance to environmental stresses.

Redefining tall fescue.

SHORT TERM GRASSES

RGT

Jeronimo

Prairie grass



- > Provides valuable early season growth which is particularly useful in dryland environments.
- > Palatable at all growth stages, even seedhead, supporting animal performance.
- > Highly versatile species that can be utilised across a range of farm systems.



- > Slower establishment compared to ryegrass.
- > Requires careful management to ensure re-seeding for increased longevity.

Great system versatility.

RGT

Indulgence

Italian ryegrass



- > High tiller density enhances persistence and minimises soil damage during cool season grazing.
- > Increased feed flexibility compared to annual ryegrass, with high quality growth extending further into summer.
- > Quicker establishment enables later-sowing if weather conditions require.



- > If the summer becomes dry, Italian ryegrass can significantly lose quality.

Buy yourself some time.

CLOVERS

RGT

Quest

White clover



- > Medium leaf size, suitable for all farm systems.
- > Strong tolerance to clover root weevil due to its high stolon density.
- > Good frost tolerance and winter growth.



- > Establishes more slowly than ryegrass.

Looking for help farming productively while meeting nitrogen caps? The answer is a greater use of clover in pastures.

RGT

Tobby

White clover



- > High production large leaf clover
- > Very good frost tolerance.
- > Reliable and suited to a range of systems.



- > Establishes more slowly than ryegrass.
- > Unsuitable for extensive sheep and beef systems.

RGT

Savvor

Red clover



- > Exceptional red clover productivity with proven grazing persistency.
- > Robust disease resistance against sclerotinia, leaf spot, and mildew.
- > Ideal for pure swards or boosting perennial mixes with extra quality and nitrogen fixation.
- > Deep tap root for reliable summer performance and strong yields.



- > A high proportion of red clover in the diet can elevate the risk of bloat and should be managed accordingly.

Resilient clover with exceptional productivity.

LUCERNE

RGT

Force 4

Lucerne



- > Multi-stemmed plants with an upright growth habit, great for grazing or cutting.
- > Strong early growth and long-term persistence of more than 8 years if well kept.
- > Excellent cold and drought tolerance.



- > If cutting only, try RGT 714QL or RGT 914QL.

New Zealand's favourite lucerne.

RGT

714QL

Lucerne



- > Winter active 4-5 years.
- > High leaf content along the stem for improved forage quality.
- > Versatile; suitable for both grazing and cutting.
- > Integrates well with mixes swards.



- > To maximise winter activity potential, plant in warmer environments, e.g., North Island and Upper South

Ideal for high performance finishing mixes, supporting finishing of stock and growth of replacement stock.

RGT

914QL

Lucerne



- > Delivers higher yields in a shorter period compared to traditional varieties.
- > Produces excellent, high quality lucerne suitable for both cutting and grazing.
- > A strong alternative to a red clover finishing system, particularly in free draining soils.
- > Great for a mix of grazing and cutting.



- > Thrives in warmer winter environments, maximising winter activity potential.

Offers greater yield, higher protein and digestibility, and increased persistence compared to red clover.

FORAGE HERBS

RGT

Punter

Chicory



- > High-energy, high-yielding perennial forage designed for optimal animal health and peak productivity.
- > Proven nationwide to deliver exceptional summer growth, quality, and establishment vigour.
- > Outstanding productivity and improved establishment.



- > Not suitable where cool season production is a key driver.

The ideal choice for high yields and supporting animal wellbeing.

RGT

Oasis

Plantain



- > Specially developed to thrive in New Zealand's unique conditions and meet its feed requirements.
- > Mid-flowering and cool season active.
- > Ideal for all stock classes as a useful addition to perennial pastures.
- > Mineral content [Ca, Mg, Na]. can be higher than perennial ryegrass and white clover pastures.
- > High water content can help reduce N concentration in urine.



- > Can limit weed control options in a mixed sward.
- > Ensure it is sown into a weed-free paddock.

Stands out for its uniformity, resilience and consistent performance.

FORAGE BRASSICAS

RGT

Greenland



Forage rape



- > Ideal for summer finishing and can also be conserved for winter feeding.
- > Well-suited to drier conditions.
- > Provides high-quality feed for longer with early maturity and late flowering.
- > Medium growth height offers flexibility for various stock classes, from sheep to cattle.



- > Manage grazing carefully to prevent animal health issues.

The most flexible forage rape available; versatile and valuable forage option.

RGT

Pacer



Leafy turnip



- > High-yield, multi-graze option, providing up to four grazing cycles over summer
- > First grazing possible approx. 42 days after sowing.
- > Low bolting tendencies ensure better control over feed quality, maintaining nutritional value throughout the season.



- > Needs adequate summer moisture, avoid sowing if conditions are dry.

Fast growing, reliable feed to fill seasonal gaps offers good ROI.

RGT

Brigadier



Fodder beet



- > High utilisation; low bulb dry matter and high bulb exposure mean clean, easy grazing with minimal wastage.
- > Versatile for all stock; soft bulb ensures easy intake and smooth transition for younger animals.
- > High protein content plus high leaf-to-bulb ratio makes it ideal for young or lactating animals.
- > Supports milk production and cow condition while balancing pasture protein intake.



- > Requires careful feeding management to optimise stock transition and avoid wastage.

One of New Zealand's favourite fodder beets.

RGT

1505Bv



Fodder beet



- > Grows more than lower dry matter varieties with the same input costs, making it a cost-effective choice.
- > Proven performer consistently high yields.
- > Excellent leaf health; highly palatable for livestock.
- > Flexible feeding – in-situ grazing or lift and feed out when needed.



- > Requires proper management to achieve optimal yield and performance.

Ideal for intensive systems; grows high yields of nutritious feed, offering excellent return on investment.

RGT

Minotaure



Fodder beet



- > Dual-purpose versatility; graze in-situ or lift, adapting to varying weather and farm conditions.
- > Ideal for the final fodder beet paddock, holding quality longer with less wastage.
- > Healthy, palatable green leaves boost yield and appeal to stock.
- > Medium to high dry matter bulbs deliver strong returns on investment.



- > Requires good management to maximise yield and maintain quality when lifting.

A highly versatile fodder beet that delivers excellent yields, flexible feeding options, and superior leaf quality.

RGT

Olympe



Fodder beet



- > Specially bred for harvesting, offering long-term storability without extra storage costs.
- > Supports reduced nitrogen loss and has a good carbohydrate ratio.
- > Easy to manage; can be fed out immediately after harvest, making it a simple, flexible feed option.
- > Extended harvest window giving farmers control over when to lift and use.



- > To ensure optimal intake and utilisation, must be fed on pasture or in barns not bare soil.

Perfect for farms needing a cost-effective, long-lasting supplementary feed.

RGT HUSTLE

DIPLOID PERENNIAL RYEGRASS

RGT Hustle stands out as one of New Zealand's top performing perennial ryegrasses; purpose-bred to deliver high quality feed that persists. With a +8 heading date and excellent late-season growth, use RGT Hustle to extend production seamlessly into autumn.

Feed available	
Stock suitability	 Depending on endophyte
Sowing rate	20kg/ha Dependant on mix, use lower rate with RGT Tenderly cocksfoot.
Heading date	+8 days
Endophyte options	RGT18, AR1, LE

SUITABLE FOR ALL FARM SYSTEMS NATIONWIDE

RGT Hustle is available with different endophyte options for a tailored selection based on your specific requirements.

Endophyte recommendations:

- > RGT18 for regions where Black Beetle, Argentine Stem Weevil, Root Aphid or Porina impact pasture persistence.
- > AR1 for areas where grazing may include deer or horses.

PROVEN PERFORMANCE AND POPULARITY

RGT Hustle has been tested nationally through numerous independent trials, as well as RAGT on-farm evaluations. Since its launch RGT Hustle has continued to grow in popularity among farmers year after year, driven by shared positive experiences.



HIGH COMPATIBILITY

RGT Hustle grows upright, creating an ideal environment for other companion species and legumes to thrive; which means you get the added animal and nutrient benefits of higher legume content.



**Now with RGT18 novel endophyte
RGT Hustle performs even better!**



INSECT KEY INSECT PEST TOLERANCE

- > Boosts ryegrass tolerance to pasture pests like Black Beetle, Argentine Stem Weevil, Root Aphid and Porina.
- > Ideal for regions in the North Island.
- > Rigorously tested and proven independently.



ANIMAL MEETS ALL REQUIRED ANIMAL SAFETY REQUIREMENTS

- > RGT Hustle RGT18 is very unlikely to cause ryegrass staggers on sheep, beef or dairy cattle.
- > RGT Hustle RGT18 has significantly less ryegrass staggers than AR37 and standard endophyte.
- > RGT Hustle RGT18 shows a similar trend to AR1 in terms of ryegrass staggers risk.



FARM HIGH PERFORMANCE WHEN PARTNERED WITH RAGT GENETICS

- > RGT18's stronger pest protection improves productivity and persistence of what already stands out as one of New Zealand's top performing perennial ryegrasses.
- > Upright growth habit provides more space for legumes and herbs to thrive.
- > Extend production seamlessly into autumn with excellent late-season growth.

RGT MOXIE

DIPLOID PERENNIAL RYEGRASS

RGT Moxie's a must-have for strong yields across the key growing seasons with high levels of winter production. Plus it offers robust durability and good resilience to cool season grazing. It's suited to a range of farm systems aiming for optimum results and is available with AR1 novel endophyte for pest protection.

Feed available	
Stock suitability	
Sowing rate	20kg/ha Dependant on mix, use lower rate with RGT Tenderly cocksfoot.
Heading date	+0 days
Endophyte options	AR1, LE

FANTASTIC FOUNDATIONS

RGT Moxie's semi-upright growth helps create a resilient and highly productive pasture by allowing legumes and other companion species to thrive amongst it. Increased legume content helps bolster animal performance as well as supporting pasture growth.

WINTER WARRIOR

RGT Moxie's high tiller density creates a load bearing sward, minimising the likelihood of muddy areas during winter grazing. Reduced pasture damage from pugging also accelerates recovery speed and potential yield of the pasture.

WE CALLED IT 'MOXIE' FOR A REASON!

Noun: determination,
perseverance, energy, pep

- > Helps facilitate a resilient and highly productive pasture.
- > Saves you from the hassle of muddy messy pastures.
- > Strong yields across key growing seasons
- > Rearing to go early in the season.
- > Grows a rich, dense pasture that persists.
- > Helps build summer resilience.
- > Robust and speedy recovery if damaged.
- > Purpose-bred for New Zealand conditions.

FIRST OUT THE GATE

RGT Moxie delivers early season production thanks to its heading date of 0 days. This can be particularly helpful in dry stock systems or dairy systems with a high proportion of later perennial ryegrass material.

NEW

RGT TENDERLY COCKSFOOT

Building on the success of our world-leading cocksfoot breeding programme, RGT Tenderly represents the next wave of innovation in forage production and quality.

Feed available	
Stock suitability	
Sowing rate	2-5kg/ha As secondary grass component of permanent pasture mix. 8-10kg/ha As main grass component of mix with compatible legumes such as subterranean clover or lucerne.

THE CULTIVAR THAT'S EVERYONE'S MATE

Cocksfoot is the ultimate pasture addition and should feature in all perennial ryegrass seed mixes to help build summer resilience and enhance pasture diversity. Combined with suitable legumes it makes a great option for dryland permanent pasture.



**Introducing
our new
product**

FEED WHEN YOU NEED IT

With an intermediate heading date and exceptional early spring growth, RGT Tenderly meets peak feed demand when it matters most in dryland farm systems. This allows farmers to drive profitability from the start of the season.

WE HAVE LISTENED

Our global cocksfoot experts listened to farmers and had a large focus on increasing the digestibility of cocksfoot to increase animal uptake. This means RGT Tenderly is the ideal option for a cocksfoot dominant pasture, or as a background species in perennial pastures. The outcome is RGT Tenderly – with excellent yield, persistence and increased digestibility.



DESIGNED FOR LONGEVITY

RGT Tenderly delivers outstanding persistence. Tolerating drought and insects once established ensures consistent growth and long-term value for farmers seeking reliability in their forage production. Its combination of high yield, resilience, and digestibility makes it a top choice for modern farming.

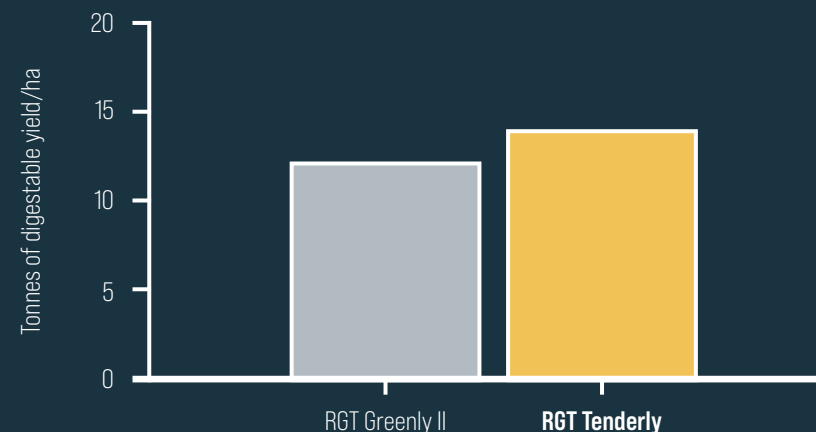
RGT Tenderly is one of RAGT's



varieties, ideal if your challenge is variable weather conditions

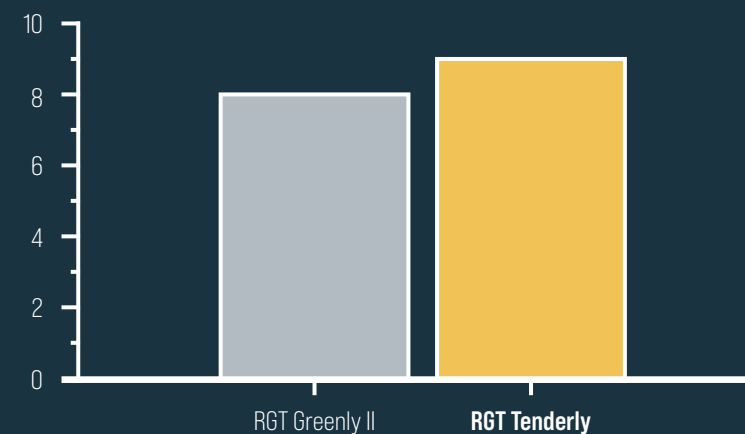
PERENNIAL GRASSES

DIGESTIBLE YIELD OVER TWO YEARS (T DM/HA)



REGROWTH SCORE AFTER DROUGHT

REGROWTH SCORE: 1 = LOW 10 = HIGH



RGT NOUGA

TALL FESCUE

RGT Nouga has changed the tall fescue game. Our world-leading breeding programme has vastly improved leaf softness to create an easily digestible pasture your animals like to eat. RGT Nouga is an oceanic type tall fescue which means the spring growth is more manageable. It also tolerates climactic conditions and pests that perennial ryegrass can't.

Feed available	
Stock suitability	
Sowing rate	20-30kg/ha Depending on companion species.

SUPER SOFT

RAGT's world leading tall fescue programme has resulted in genetics that have changed tall fescue for the better. We've vastly improved leaf softness to create an easily digestible pasture, making the feed supply more manageable, resulting in improved performance.

ALLOWS HIGH LEGUME CONTENT

Use RGT Nouga when animal performance is a high priority as it is highly compatible with clover, allowing for significant legume content.

GROWS IN HIGH TEMPERATURES

Traditional perennial ryegrasses can struggle in warm climates, but RGT Nouga tall fescue tolerates heat and uses water efficiently to be highly productive even in challenging temperatures.





PERENNIAL GRASSES

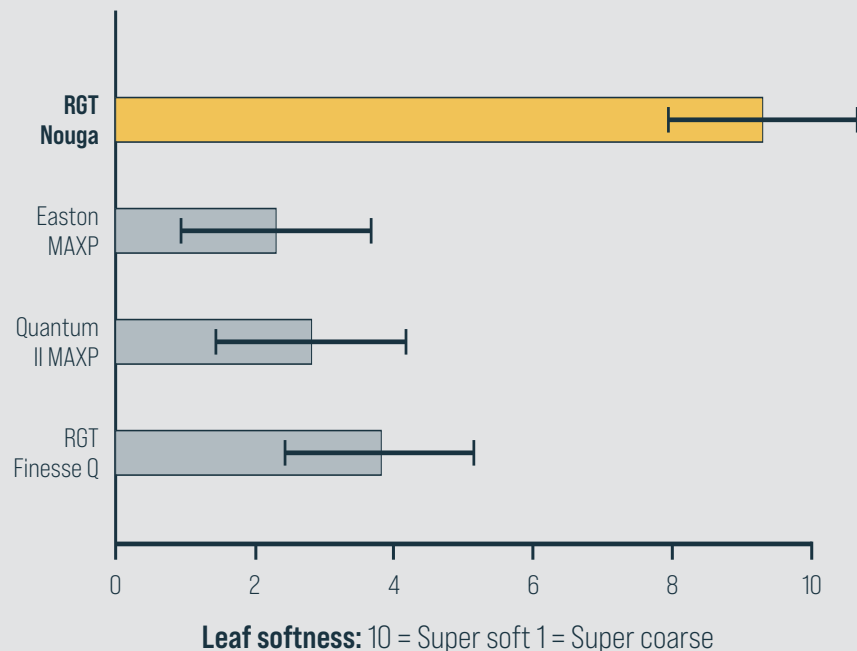
RGT Nouga is one of RAGT's



varieties, ideal if your challenge is variable weather conditions

- > Genetically predisposed to thrive under limited conditions.
- > Particularly efficient in limited water environments, maintaining consistent performance.
- > A robust option to help farmers produce even in challenging times.

LEAF SOFTNESS SCORE



think **SOLUTIONS.**
think **RAGT.**

RGT JERONIMO

PRAIRIE GRASS

RGT Jeronimo is a durable, winter-active prairie grass that provides valuable early-season growth. Its flexibility allows it to fit seamlessly into rotational grazing systems and various farm operations. When combined with lucerne or other grasses in mixes, it contributes to a well-rounded and resilient pasture. It's also known for its high palatability at all stages of growth.

Feed available	
Stock suitability	
Sowing rate	20-30kg/ha As main grass component.
	4-8kg/ha As secondary grass component of permanent pasture mix.
	5-15kg/ha As a grass component in lucerne mixes.

GREAT FOR DRYLANDS

Provides valuable early season growth which is particularly useful in dryland environments.

HIGHLY VERSATILE

RGT Jeronimo stands out as a robust winter-active prairie grass, that can be seamlessly integrated into rotational grazing pasture systems and utilised across a range of farm systems.

MIX IT UP FOR RESILIENT SWARDS

Its versatility shines when included as a component in lucerne/grass mixes or as an additional species in permanent pasture mixes. This strategic utilisation ensures a well-balanced and resilient pasture sward.

TASTY FEED

Highly palatable at all growth stages, even seedhead – and highly productive – RGT Jeronimo support animal performances and is suitable for all types of livestock.

RGT INDULGENCE

ITALIAN RYEGRASS

RGT Indulgence Italian ryegrass can provide the high quality feed you need, whether you're stitching into damaged pastures or looking for a break crop. One of its standout features is its flexibility, meaning you have the freedom to sow when conditions allow, and decide how long it's in the ground for. A legume component such as RGT Quest white clover is often also included in the mix to provide even more quality.

Feed available	
Stock suitability	
Sowing rate	20kg/ha

ROBUST TILLER COUNT FOR RESILIENCE

RGT Indulgence's high tiller density enhances persistence and minimises soil damage during cool season grazing. With more tillers, the grass can recover more quickly, leading to improved persistence and a more reliable pasture throughout the winter and early spring months.

INCREASED FEED FLEXIBILITY AND QUALITY INTO SUMMER

Unlike annual ryegrass, this grass keeps growing into the warmer months, providing high-quality feed when other pastures decline. This extends grazing options, reduces supplementary feed costs, and supports livestock productivity.

QUICKER ESTABLISHMENT BUYS EXTRA TIME

Fast establishment allows for later sowing if weather delays planting, ensuring a full growing season. It also helps restore pasture quickly after droughts or floods, reducing downtime.



CLOVERS

Clovers are key to New Zealand's high pasture production, thanks to their nitrogen-fixing ability. They provide essential nitrogen to companion grasses and contribute high-quality forage with excellent metabolisable energy (ME) and protein content. This boosts animal intake and overall pasture performance.

WHITE CLOVER

- > Its nitrogen-fixing ability, high quality, and relatively low sowing rate make white clover a key component of most perennial pasture mixes. White clover offers strong spring and summer growth, along with good production in cooler seasons.

RED CLOVER

- > Red clover is a perennial tap-rooted legume with high feed value. It performs well in summer and has excellent drought tolerance due to its tap root. Often included in permanent pasture mixes, it enhances sward quality and boosts summer production, though its growth is limited in winter.

WHITE CLOVER

RGT Quest

Medium leaf

- > Can deliver animal production benefits (whether that be milk or meat) of up to 50%!
- > Can fix up to 30 kg N/ha for every 1000 kg dry matter/ha grown.
- > Can tolerate the destructive clover root weevil, leading to increased persistence and pasture performance.



RGT Tobby

Large leaf

- > High production large leaf clover.
- > Reliable and suited to a range of systems.
- > Ideal companion for perennial grasses in dairy, and sheep and beef systems.
- > Very good frost tolerance.



**Add together for
maximum effect!**

Feed available	
Stock suitability	
Sowing rate	2-4kg/ha In grass seed pasture mix.

NEW

RED CLOVER

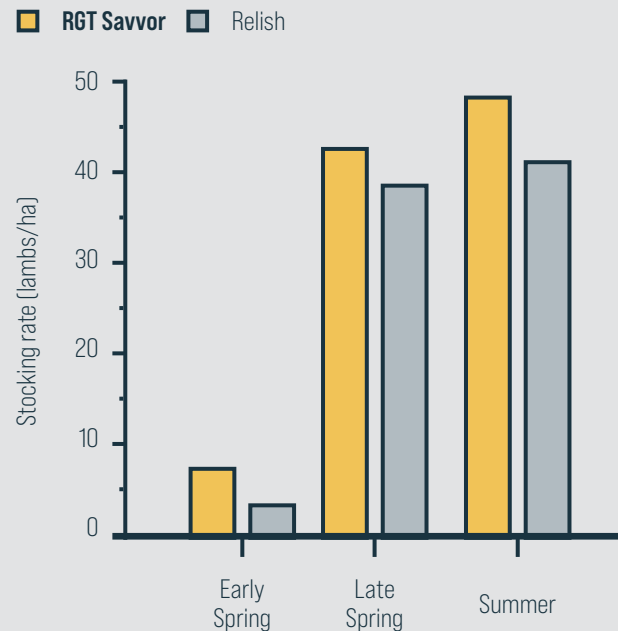
RGT Savor

- > Delivers exceptional spring and summer performance, enhancing farm profitability by providing high-quality feed at critical times.
- > Strong disease tolerance, particularly against sclerotinia, leaf spot, and mildew, boosts paddock quality and yield.
- > Highly productive and persistent under grazing.
- > Low to medium phyto-oestrogen levels.



Feed available	
Stock suitability	
Sowing rate	3-5kg/ha In grass seed pasture mix.

STOCKING RATE (LAMBS/HA) COMPARISON*



*The FeedSmart feed calculator uses a model developed by FarmIQ to calculate feed requirements for animals, and allows you to calculate pasture/crop usage

RGT SAVVOR DELIVERS INCREASED YIELD, MEANING HIGHER CARRYING CAPACITY.

Using FeedSmart and assuming an average growth rate of 200g/day for weaned lambs over 150 days, this translates to an additional **10 lambs/ha finished**.

At a market price of \$130 per head, that's **an extra \$1,300/ha in income**—a compelling return that sets RGT Savor apart.



Introducing
our new
product

HERBS

Forage herbs play a valuable role in New Zealand farming systems, providing high-quality feed and environmental benefits. The two most commonly used are chicory and plantain which have deep taproots that access soil minerals, which are transferred to grazing animals while also enhancing plant persistence in dry or challenging environments. These herbs contribute to high nutritional quality and pasture productivity, helping to improve permanent pastures.

CHICORY

- > Widely used in dairy farming to support milk production and maintain feed quality during summer. It is also a key component in dry stock farming, often mixed with clovers to create a specialist feed for high-quality lamb production.

PLANTAIN

- > An excellent source of minerals for animal health and performance across all farm systems. More recently, research has highlighted its potential as an environmental tool, with evidence showing that it can help reduce nitrate leaching, supporting more sustainable farming practices.

CHICORY

RGT Punter

- > High-energy, high-yielding perennial designed for optimal animal health.
- > Proven nationwide to deliver exceptional summer growth.
- > Outstanding productivity and improved establishment.



Feed available	
Stock suitability	
Sowing rate	1-2kg/ha In grass seed pasture mix. 4-6kg/ha Alone as a specialist crop with clovers.

PLANTAIN

RGT Oasis

- > Specially developed for New Zealand conditions and to meet feed requirements.
- > Mid-flowering and cool season active.
- > Ideal for all stock classes; a useful addition to perennial pastures.
- > Mineral content (Ca, Mg, Na) can be higher than perennial ryegrass and white clover pastures.



Feed available	
Stock suitability	
Sowing rate	1-4kg/ha In grass seed pasture mix. 8-12kg/ha As the main component of a specialist crop.

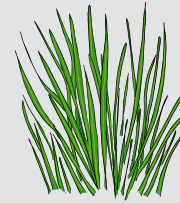
CREATING RESILIENT PASTURES

While every farm will be unique, there are a range of factors that contribute to pasture resilience and persistence. These should be considered when planning perennial repasturing to help ensure longevity, performance and animal productivity.

They include:

- > **GENETICS** are a key consideration when repasturing. Moisture deficits are common in many parts of New Zealand, making it essential to choose grass species that can tolerate these conditions for better persistence.
- > **THE ENVIRONMENT, SOIL MOISTURE CAPACITY, AND DEFICIT TIMING** are all crucial considerations when selecting species. Perennial species vary in both above-ground appearance and below-ground traits. Choose those that can access moisture at the required depth and incorporate them into the mix or adjust pastures to focus on specific dominant species.
- > **UNDERSTANDING GRAZING INTENSITY** will enable better selection of the right species and cultivar. Some species thrive under extensive grazing, while others benefit from more intense and structured grazing management.

Perennial ryegrass



Perennial ryegrass is an excellent starting point for creating a resilient and highly productive pasture mix.

It establishes quickly, whilst allowing slower-growing species to develop without the threat of weed competition.

Cultivars like RGT Hustle, with their upright growth habit, further enhance this benefit by creating space for legumes and herbs to thrive alongside the ryegrass.

Cocksfoot



Cocksfoot is an excellent addition to a perennial pasture mix for several reasons. It thrives when perennial ryegrass may struggle, particularly in high temperatures, making it a reliable choice in challenging conditions.

Once established, it demonstrates tolerance to insect pests and boasts high water-use efficiency due to its dense and deep root structure.

Notably, cocksfoot is also the first main pasture grass to respond to moisture, ensuring a quicker recovery and sustained productivity.

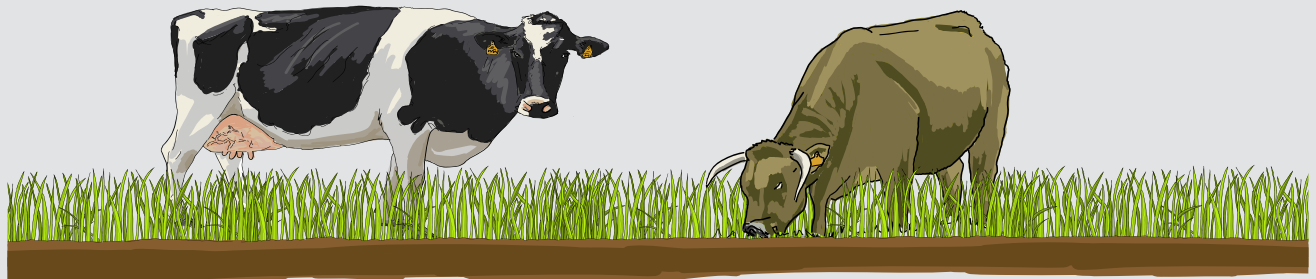
Companion species

Legumes are a key component of New Zealand pastures. They aid pasture quality and animal performance, as well as reduce reliance on artificial nitrogen applications.



Options include white, red and subterranean clover, plus using lucerne as a grass sward legume component.

The inclusion of forage herbs will aid in pasture productivity and mineral availability for grazing animals. While weed control can be more difficult, this can be managed. The aim is to grow desirable species in spaces, not undesirable weeds.



ADAPTATION BY SPECIES

RAGT cultivar	 Italian ryegrass RGT Indulgence	 Prairie grass RGT Jeronimo	 RGT18 perennial ryegrass RGT Hustle	 AR1 perennial ryegrass RGT Hustle RGT Moxie	 Cocksfoot RGT Tenderly	 Tall fescue RGT Nouga
Persistence	2/3 years	2/3 years (with no re-seeding)	5 years and more	5 years and more	5 years and more	5 years and more
Reliable summer moisture	✓	✓	✓	✓	✓	✓
Low summer moisture	–	✓	✓	–	✓	✓
Speed of establishment						
Argentine stem weevil tolerance	–	–	✓	✓	✓	✓
Black beetle tolerance	–	–	✓	✓	✓	✓
Root aphid tolerance	–	–	✓	–	✓	✓
Porina tolerance	–	–	✓	–	✓	✓
Grass grub tolerance	–	✓	–	–	✓	✓
Sheep grazing	✓	✓	✓	✓	✓	✓
Cattle grazing	✓	✓	✓	✓	✓	✓
Deer grazing	✓	✓	–	✓	✓	✓

LUCERNE



THE POWERHOUSE FORAGE

Lucerne offers exceptional feed quality, rapid growth, and outstanding animal performance. As a highly reliable perennial, it outperforms many other forages with its superior drought tolerance, persistence, and adaptability across diverse farming systems.

HIGH YIELDS IN DRY FIELDS

As a legume, Lucerne shares the same nitrogen-fixing benefits as clover, fixing up to 30 kg N/TDM. This enhances water efficiency while its deep taproot system strengthens resilience. As a result, Lucerne delivers higher yields than other species in dry environments without the need for additional nitrogen.

RELIABLE PRODUCTION

A key player in high-production grazing and cutting systems, Lucerne provides consistent, high-quality feed at critical times of the year. This reliability helps farmers refine management practices, access new markets, and finish stock to premium standards.



WATER USE EFFICIENCY

When well-managed, Lucerne stands excel with superior water-use efficiency and deep nutrient access. Its high nutritional value supports weight gain and overall animal performance, making it an invaluable feed source.

CHOOSING THE RIGHT LUCERNE

This is crucial as dormancy ratings influence seasonal growth patterns. Lower dormancy varieties (ratings 3–4) suit cold, inland regions with harsh winters, while higher dormancy types (ratings 5–10) thrive in coastal areas with milder conditions.

LUCERNE



protein plus

LUCERNE

RGT Force 4



- > Multi-stemmed plants with an upright growth habit, great for grazing or cutting.
- > Strong early growth and long-term persistence of more than 8 years if well kept.
- > Excellent cold and drought tolerance.

RGT 714QL



- > Winter active 4-5 years; maximise winter activity potential by planting in warmer environments, e.g., North Island and Upper South.
- > High leaf content along the stem for improved forage quality.
- > Versatile; suitable for both grazing and cutting.
- > Integrates well with mixes swards; pairs well with RGT Jeronimo prairie grass and RGT Oasis plantain.
- > Ideal for high performance finishing mixes, supporting finishing of stock and growth of replacement stock.

RGT 914QL



- > Delivers higher yields in a shorter period compared to traditional varieties.
- > Produces excellent, high quality lucerne suitable for both cutting and grazing.
- > A strong alternative to a red clover finishing system, particularly in free draining soils
- > Thrives in warmer winter environments, maximising winter activity potential.

Feed available	
Stock suitability	
Sowing rate	8-12kg/ha Of freshly inoculated seed. Up to 6kg/ha In mixes.

Feed available	
Stock suitability	
Sowing rate	12kg/ha Of freshly inoculated seed. Up to 6kg/ha In mixes.

Feed available	
Stock suitability	
Sowing rate	15kg/ha Of freshly inoculated seed.

FORAGE BRASSICAS

Forage brassicas produce a high volume of quality feed, maximising growth rates and increasing the number of animals that can be finished or maintained per hectare. They also serve as an effective break from pasture, helping to reduce pest levels, control weeds, and provide an opportunity to improve soil fertility – ultimately leading to cleaner, more productive pastures down the track.

FORAGE RAPE

- > Super flexible! It's ideal for summer finishing and can also be conserved for winter feeding. RGT Greenland is well-suited to drier conditions, providing high-quality feed for longer with its early maturity and late flowering characteristic.

LEAFY TURNIP

- > This high-yield option provides up to four grazing cycles over summer. With no ripening period, animals can access the crop early, with the first grazing possible approximately 42 days after sowing.

FORAGE RAPE

RGT Greenland



- > Both early to mature and late flowering; offers increased flexibility with a greater grazing period, better matching stock requirements.
- > Late flowering nature also allows for high-quality feed further into late winter/early spring.
- > Medium growth height offers flexibility for various stock classes.
- > High leaf content further supports strong stock performance.

Feed available	  
Stock suitability	   
Sowing rate	3-4kg/ha

LEAFY TURNIP

RGT Pacer



- > Low bolting tendencies ensure better control over feed quality, maintaining nutritional value throughout the season.
- > High-quality, fast-growing feed option that supports strong animal production; ideal for growing lambs and filling seasonal feed gaps.
- > A reliable, multi-grazeable feed with no maturity, offering strong returns on investment.

Feed available	 
Stock suitability	   
Sowing rate	3-5kg/ha

NOBODY KNOWS BEETS LIKE RAGT.

We rewrote the rule book on fodder beets and reintroduced them back into New Zealand farming systems.

Supported by our retail partners, our specialised beet systems are paying dividends for farmers all over the country.

Compared to any other typical feed source, beet's cost, quality, utilisation and flexibility are hard to ignore, ensuring it can be included in most farming operations.

But that's just part of the story. At RAGT, we know it's what goes before and after sowing that makes a sustainable difference to a farming operation's productivity and profitability.

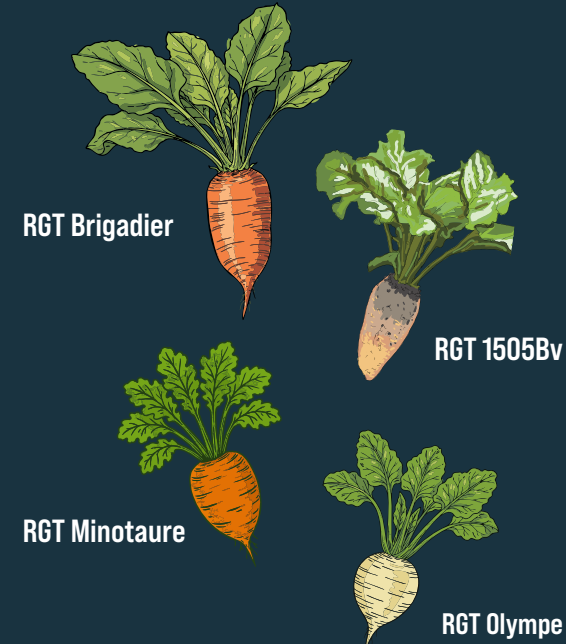
**SO DON'T SETTLE FOR LESS. LOOK BEYOND SEED
AND DISCOVER THE RAGT BEET DIFFERENCE.**

Understanding beet types

To choose the right beet, you have to start at the end.

- > What is the specific end use of the beet?
- > What animal is it for?
- > What environment will it be grown in?

Understanding these is key to determining which beet type to choose and planning the crop area required. There are four beet categories within the species 'Beta vulgaris', each typically suited to an end use.



SUPERIOR PRODUCTION GAINS

Fodder beet production in New Zealand presents a valuable opportunity to boost productivity across a range of farming systems. With its high energy content, it's especially beneficial for maintaining or improving body condition scores during the winter months.

In addition to winter feeding, fodder beet can be effectively used during the shoulder seasons. It serves as a reliable supplementary feed to enhance autumn milk production and help balance early spring feed availability.

Fodder beet provides a high-quality, high yielding feed option that is well-utilised by livestock, delivering key benefits such as:

- > Improved body condition scores.
- > Enhanced reproduction performance in cows.
- > Increased milk production.



BETTER BODY CONDITION*

Cows wintered on fodder beet had a significantly higher overall mean body condition score compared to those on kale, with scores of 4.7 vs. 4.6, respectively.



HIGH CONCEPTION RATES*

Fodder beet cows also showed significant reproductive advantages, achieving a 70% conception rate to first AI, compared to just 54% for cows wintered on kale.



MORE MILK*

In terms of milk production, cows fed fodder beet produced higher average yields of milk solids, fat, and protein than those on kale. Across the full lactation period, total milk solids were significantly higher, with fat content reaching 245 kg vs. 236 kg, and protein content reaching 205 kg vs. 197 kg.

*Findings from Dalley, D. E., Edwards, J. P., and Woods, R. R. (2020). Impact of winter fodder beet or kale allocation on body condition score gain and early lactation performance of dairy cows Journal of New Zealand Grasslands, 82, 73-81



VERSATILE HOMEGROWN FEED

Fodder beet can be grazed in-situ or mechanically harvested, offering a reliable feed source across a range of livestock and farming systems. It is well-suited for all stock classes, from young animals to mature stock.

Whether used as a primary feed or as a supplement, fodder beet delivers flexibility on-farm. It also boasts a long shelf life, both in the ground and once harvested, making it a practical and versatile option for farmers.

In addition, fodder beet has a high water-soluble carbohydrate to nitrogen ratio, resulting in significantly lower nitrogen intake and urinary nitrogen excretion compared to high-nitrogen crops. Studies have shown that fodder beet can reduce nitrogen (N) leaching by up to 60% compared to kale.

EXTREMELY COST EFFECTIVE

Fodder beet is an extremely cost-effective feed option, both in cents per kilogram of dry matter (DM) and cents per unit of metabolisable energy (ME). As one of the highest yielding and highest quality feed crops available, they deliver excellent value. While there is an initial investment, the high yield potential results in a low overall cost compared to other feed options.

Fodder beet provides a premium quality feed with metabolisable energy (ME) levels exceeding 12.5, and offers outstanding utilisation, meaning stock consume more of what you've grown.

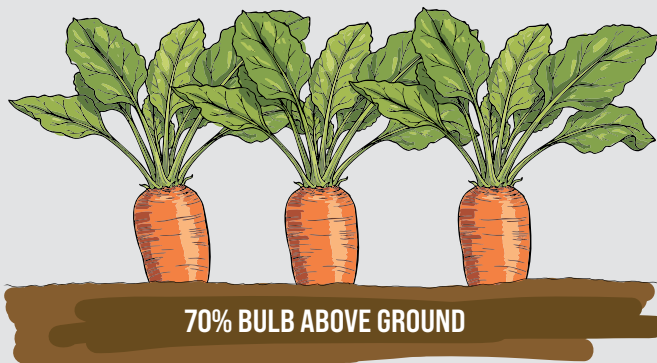
These advantages work together to support increased animal production.

RGT BRIGADIER

FODDER BEET

a.k.a 'The BEAST' with the highest proportion of bulb above ground. RGT Brigadier is one of New Zealand's favourite fodder beets. It's the best beet for growing young cattle.

Feed available	
Stock suitability	
Sowing rate for in-situ grazing	90K – 100K seeds/ha
Harvest suitability	Bucket
DM %	Lowest DM%
Mangel beets have a very low dry matter content, typically less than 13%	



BOOST UTILISATION

Lowest bulb dry matter and highest proportion of bulb out of the ground means RGT Brigadier offers high utilisation. This means clean and easy grazing for stock with virtually no wastage.

FLEXIBILITY WITH ALL STOCK CLASSES AND AGE

Animals from lambs through to dry cattle love eating RGT Brigadier. The bulb's low dry matter percentage means it's softer in animals' mouths making it highly preferable. This ease of intake translates to easier stock transition; animals won't linger in the back with empty bellies. If there is a surplus at the end of winter or a situation change, RGT Brigadier can be easily introduced to a wide range of stock classes, so the crop is not wasted.

HIGHER PROTEIN LEVELS

Testing has shown that RGT Brigadier has the highest bulb protein levels compared to others. It also carries high leaf to bulb ratio, further contributing to protein intake. This is ideal for younger or lactating animals that have a higher protein content requirement.

IDEAL CULTIVAR FOR AUTUMN MILKING

RGT Brigadier is a very economical option (compared to buying in supplementary feed). Because it provides more energy for animals, farmers' experience using it as an autumn crop has been positive for lifting, or at least holding milk production and increasing BCS of the cows heading into dry-off and the winter phase. When fed as part of the milking cows' diet, it balances the exceedingly high protein level of the pasture to reduce the overall protein/nitrogen eaten and ultimately excreted in urine and dung, therefore reducing the risk of N leaching through the soil profile.

RGT 1505BV

FODDER BEET

The great grazer – ideal for intensive systems, especially dairy. RGT 1505Bv grows high yields of nutritious feed, offering excellent return on investment.

Feed available	
Stock suitability	
Sowing rate for in-situ grazing	90K – 100K seeds/ha
Harvest suitability	Bucket
DM %	Medium – High DM%
Beets with medium to high dry matter typically range between 17% and 20%	



60% BULB ABOVE GROUND

AN IDEAL OPTION FOR DAIRY CATTLE

This option will help farmers maximise return on investment as it has the same growing costs as a lower DM variety but produces higher yields. It is also a very easy to graze variety which means no extra costs are incurred in how it's fed out.

YOU CAN TRUST IT WILL PERFORM FOR YOU

If given all the right management, RGT 1505Bv is a beet that will provide excellent yield, with consistently high yields over the years. It has been used in over 30,000ha nationwide over a wide range of farming systems and environments so we know it's a proven performer.

EXCELLENT LEAF HEALTH

An increase in leaf health means higher rates of photosynthesis, which ultimately improves yield. Healthy leaves also allow the plant to tolerate and recover from stressful events such as lack of moisture. And lots of tasty looking green leaf will appeal to animals too.

VERSATILE VARIETY FOR GRAZING OR SELF-HARVESTING

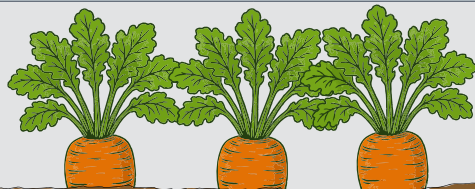
The main use of RGT 1505Bv is grazing in-situ. However, if needed it can be lifted and taken to animals during transition or winter grazing on pasture.

RGT MINOTAURE

FODDER BEET

Versatile as – graze or harvest. RGT Minotaure fodder beet has high leaf quality and uniform bulbs for excellent system versatility. It's also ideal for dairy cattle.

Feed available	
Stock suitability	
Sowing rate for in-situ grazing	90K – 100K seeds/ha
Sowing rate for mechanical harvesting	100K – 120K seeds/ha
Harvest suitability	Bucket and mechanical harvest
DM %	Medium - High DM%
Beets with medium to high dry matter typically range between 17% and 20%	



55% BULB ABOVE GROUND

DUAL PURPOSE-BRED FOR GRAZING AND/OR LIFTING

Weather is unpredictable, whether it be too much or not enough moisture, sun and/or temperature; which is why RGT Minotaure's enhanced flexibility is great. It's been bred to be the ideal feed for either in-situ grazing or lifting – or a bit of both!

USE AS A FLEXIBLE SUPPLEMENTARY FEED

As it can be grazed or lifted (depending on the winter conditions), RGT Minotaure is the ideal cultivar for the last fodder beet paddock to be grazed. But also consider lifting as it holds quality for longer, having a higher DM bulb. When lifting, uniformity of bulb makes for less wastage too.

EXCELLENT LEAF QUALITY

Not only is lots of green leaf visually appealing for stock (and the farmer looking out over their fields), this beet's increased leaf health provides more yield due to higher rates of photosynthesis.

HIGH YIELDS FROM ITS MEDIUM TO HIGH DRY MATTER

If high yield is being chased, all things being equal management wise, RGT Minotaure will provide reliably high yields, which means a great return on the upfront investment.

NEW

RGT OLYMPE

FODDER BEET

Specialist beet bred for harvesting and long-term storability. RGT Olympe is highly nutritious, easy to manage, and delivers high returns on initial cost.

FODDER BEET

Feed available	
Stock suitability	
Sowing rate for mechanical harvesting	100K – 120K seeds/ha
Harvest suitability	Machine
DM %	Very high DM%
Sugar beet typically has a dry matter content of over 20%	

SOLELY USED FOR LIFTING AND FEEDING

For farms requiring supplementary feed, this is a flexible, high quality choice. It's also extremely cost effective, with no extra costs for storage or ensiling (i.e., no silage wrap, inoculants, infrastructure) – just put it on the ground and it's good to go.

USE AS AN ENVIRONMENTAL AND PRODUCTION TOOL

RGT Olympe supports reduced nitrogen loss, and has a good carbohydrate ratio.

EASE OF MANAGEMENT

Once harvested, RGT Olympe can be fed out. It can also be used as a transitional feed. Be sure to feed it out on pasture or in barns though, not bare soil.

HARVESTED OVER A WIDE TIMEFRAME

Unlike some other options, RGT Olympe gives farmers control over when they want to harvest it.

VERY HIGH DRY MATTER

This is a great beet for storing as its high dry matter content means it holds its quality for longer, as opposed to feed with a high water content that degrades quickly.



FOR MECHANICAL HARVESTING



Introducing
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The technical data mentioned in this document comes from tests carried out by RAGT. The results obtained may vary according to agronomic and climatic conditions, as well as specific cultivation techniques. In any event, the technical data provided is for information purposes only and does not bind RAGT contractually.

