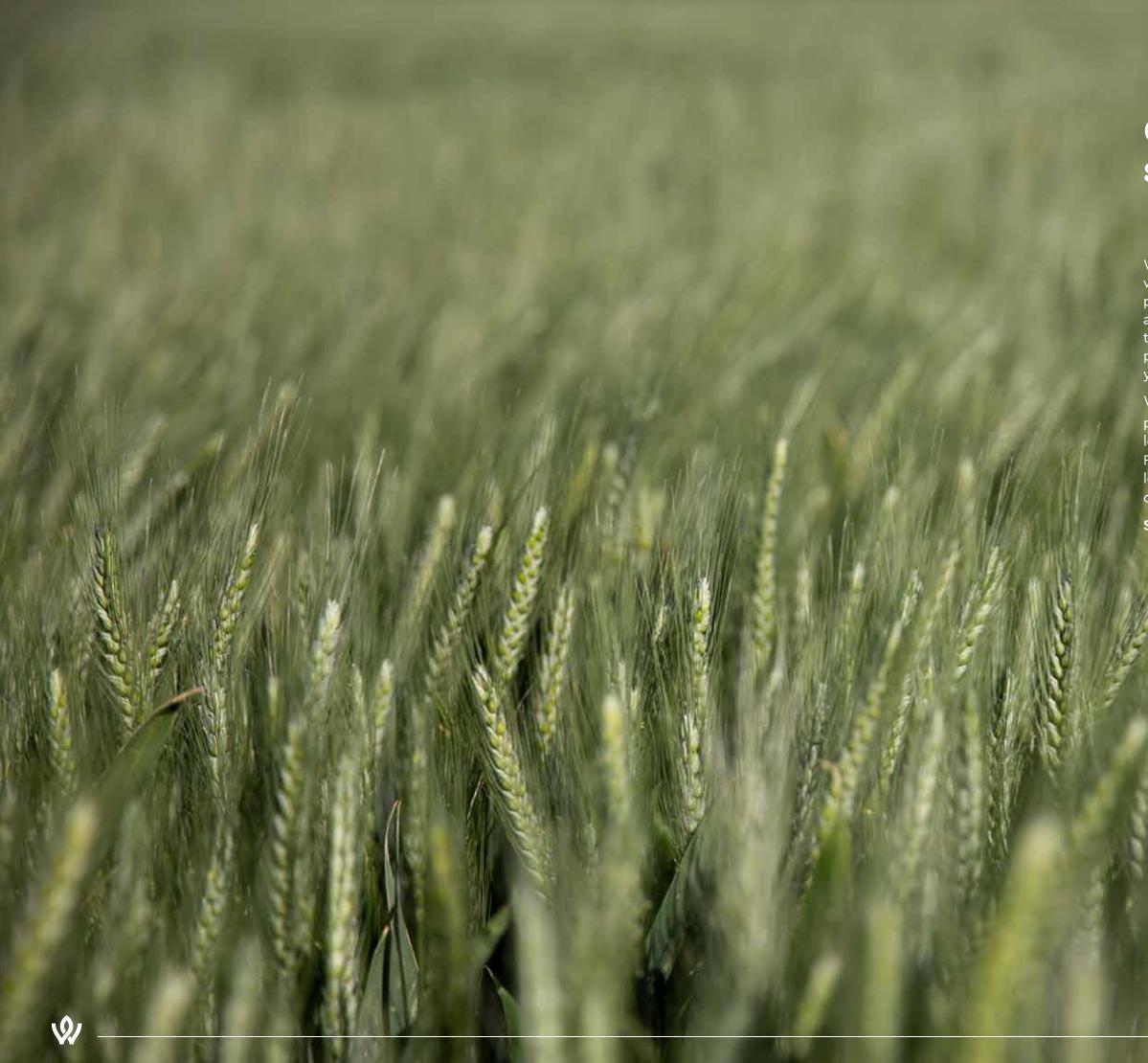


Trading guide





Our name says it all.

Wholesaling is part of our DNA. It's how we started, and it remains an important part of who we are. Our aim is, and has always been, to be the best wholesaler in the sector, and to work with you to produce the best outcomes for you and your customers.

We have an established and diverse seed portfolio which encompasses grasses, legumes, herbs, brassicas and cereals. For over a decade they've proved their longevity, offering the performance and durability your customers demand.

So let's talk.

Your productive partner.

When you partner with Wholesale Seeds, we commit to:

Sharp pricing

We can deliver top quality, top performing seed products, at a price that allows you to make a good margin when you resell. That's a win for you and your customers.

Speedy delivery

We understand that windows of opportunity for seeding are often time critical. You can rely on us to deliver when it's right for you and your customers, not when it's convenient for us.

Easy customisation

We have the ability to mix and treat any pasture and forage species to your specifications. This includes third party mixing and treating options. Talk to us about your specific requirements.



Splice AR1 Tetraploid Hybrid Ryegrass

Splice is a Cropmark bred tetraploid hybrid enhanced ryegrass exclusive to Wholesale Seeds. Splice is a four way inter-species cross (festulolium) between perennial ryegrass, Italian ryegrass, meadow fescue and tall fescue. Splice is a fast establishing, densely tillered variety with very strong year-round growth and high pasture quality. Splice is late heading (+19 days) and has very good disease resistance. Splice is available with AR1 endophyte for added insect protection.

Agronomic Traits

25 - 30kg/ha
19+
2-4 years
Tetraploid
AR1 or LE

Maximus Diploid Perennial Ryegrass

Maximus is a densely tillered early flowering diploid perennial offering exceptional persistence. This grass has been a mainstay for Wholesale Seeds and has proven its longevity in a range of challenging environments.

Agronomic Traits

Sowing Rate	18 - 22 kg/ha
Heading Date	+2
Persistence	Perennial
Ploidy	Diploid
Endophyte	LE





Revolution Diploid Perennial Ryegrass

Revolution is a Cropmark bred diploid perennial ryegrass exclusive to Wholesale Seeds. It is a high-producing late flowering type with good yearround seasonal production and disease resistance. Available in LE.

Agronomic Traits

Sowing Rate	18-22 kg/ha
Heading Date	+19
Persistence	Perennial
Ploidy	Diploid
Endophyte	LE

Clara Diploid Italian Ryegrass

Clara is a quick establishing densely tillered, medium term Italian ryegrass offering yearround production with notably improved spring/summer performance.

Sowing Rate	18 - 25 kg/ha
Heading Date	+16
Persistence	Italian
Ploidy	Diploid



Tanker Tetraploid Perennial Ryegrass

Tanker is a nil endophyte tetraploid perennial ryegrass. This grass displays incredible production in New Zealand conditions. Unlike most tetraploids Tanker has a relatively fine leaf and high tiller density offering tolerance to heavy grazing and pugging.

Agronomic Traits

Sowing Rate	20 - 25 kg/ha
Heading Date	+14
Persistence	Perennial
Ploidy	Tetraploid
Endophyte	Nil

Warrior II

Cocksfoot

Warrior II is an early flowering erect new generation cocksfoot. It performs well in low to moderate fertility with an ability to withstand summer droughts. Warrior II is an excellent addition in a pasture mix if you are looking for long-term persistence under dry conditions.

Agronomic Traits

Sowing Rate	5 kg/ha
Heading Date	Early
Persistence	Perennial





Winfield Tetraploid Annual Ryegrass

Winfield produces a bulk of high quality and highly palatable feed over the autumn, winter and spring periods. It is suitable for a wide range of soil types and conditions, from poorly drained to well drained, light sandy soils to heavy clay loams. Winfield will tolerate a wide range of management practices and recovers exceptionally fast from rotational grazing.

Agronomic Traits

Sowing Rate	25 - 30 kg/ha
Heading Date	+10
Persistence	Annual
Ploidy	Tetraploid

Prairie Grass

Prairie Grass is a type of bromegrass displaying exceptional drought tolerance. Herbage and immature seed heads of Prairie Grass are highly palatable and winter production is high, resulting in a terrific addition to dryland pasture mixes.

25 kg/ha
Early
2-3 years



Kahu Timothy

Kahu is a valuable grazing species and known for its exceptionally high animal growth rates. It is a powerful addition to pasture mixes and when it is conserved for hay. Kahu has a distinctive seed head that emerges which highlights its presence, therefore productivity can readily be seen.

Agronomic Traits

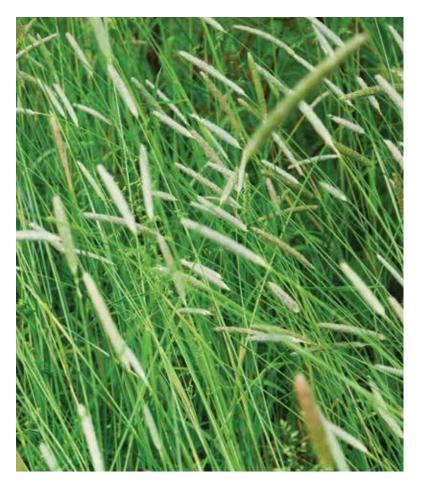
Sowing Rate	5 kg/ha
Heading Date	Late
Persistence	Perennial

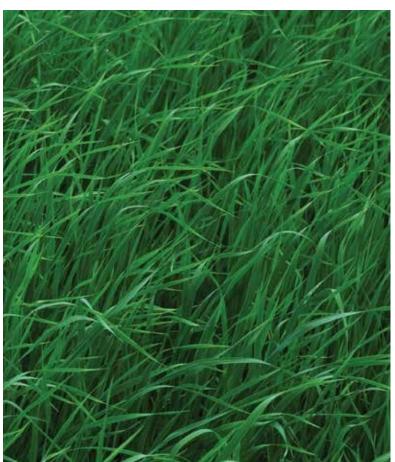
Nui Diploid Perennial Ryegrass

Nui has medium leaf size and tiller density and is the most commonly known variety of perennial ryegrass. Nui is very versatile and persists well under rotational grazing and set stocking. Nui performs well on a wide range of soil and climatic conditions.

Agronomic Traits

Sowing Rate	20 - 25 kg/ha
Heading Date	Early
Persistence	Perennial





Yorkshire Fog

Yorkshire Fog seeds prolifically and is a strong grass in depleted soils with low pH and soil fertility, but does not suit intense heat and dry soil conditions.

Agronomic Traits	
Sowing Rate	5 kg/ha
Heading Date	Medium
Persistence	Annual

Moata Tetraploid Italian Ryegrass

Moata is a very widely used tetraploid Italian ryegrass. It is known for its large leaves and rapid establishment. Moata provides good winter and spring growth. It can be grazed or made into balage fitting into most farming systems.

Sowing Rate	18 - 25 kg/ha
Heading Date	Late
Persistence	Italian
Ploidy	Tetraploid



Sophie White Clover

Sophie is a mid to large leaf white clover. Best results are obtained under rotational grazing, however it performs well under set stocking situations. It is very high yielding with high stolon density and excellent persistence. This cultivar performs well on all soil types including low fertility situations. The use of an inoculant is highly beneficial if natural fertility is low.

Agronomic Traits

Sowing Season	August - April
Sowing Rate	4 kg/ha
Grazing Tolerance	High
Leaf Size	Large
Yield Potential	High
Stolon Density	High

Ruby Red Clover

Ruby is a large leaved red clover that suits rotational grazing under sheep, beef and deer. It has an impressive dry matter production during late spring and early summer, especially in areas which have high rainfall.

Ruby is best used in a mix with Sophie White Clover as the combination of these two clover species gives a higher dry matter production during spring and summer.

Agronomic Traits

Sowing Season	October - April	
Sowing Rate (alone)	6 - 8 kg/ha	
Sowing Rate (mix)	2 - 4 kg/ha	
Ground Cover	High	
Leaf Size	Large	
Growth Habit	Erect	
Yield Potential	High	





Clover Commons

Huia

Huia is a medium leaf white clover. It is best suited in a mixed pasture and can be mixed with all cultivars. Huia consistently provides high quality feed with a high grazing tolerance and is suited to sheep, cattle and deer.

Agronomic Traits		
Sowing Season August - April		
Sowing Rate	4 kg/ha	
Grazing Tolerance	High	
Leaf Size	Medium	
Yield Potential	High	
Stolon Density	High	

Allure

Persian Clover

An autumn, winter and spring growing clover with excellent tolerance to waterlogging. Persian is a fast establishing annual species with excellent early season growth.

It is best used as a component in high density mixed swards to increase bulk and quality.

Agronomic Traits

Sowing Season	August - April	
Sowing Rate	2 - 5 kg/ha	
Grazing Tolerance	High	
Ground Cover	High	
Leaf Size	Very large	
Growth Habit	Erect	
Yield Potential	High	



Alabama Lucerne

Bare or inoculated

Alabama is a dynamic, new lucerne variety exclusive to Wholesale Seeds. It is a perennial legume with a deep tap-root system that enables the plants to thrive in free draining, drought prone soils. Alabama is a multi- leaflet alfalfa with an exceptional leaf to stem ratio and superior disease resistance. Ideal for both dryland and irrigated situations this versatile forage has a role to play in your farming system.

Agronomic Traits

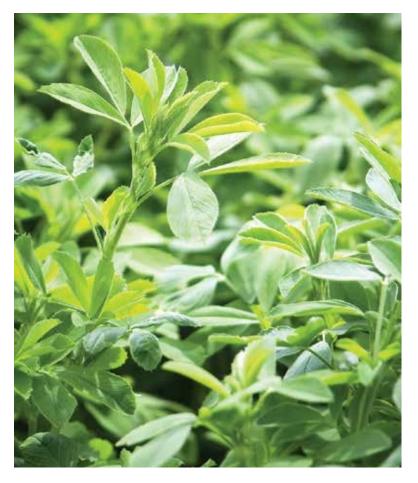
October -
March 12 - 16
kg/ha High
High
Very large
Erect
High
4

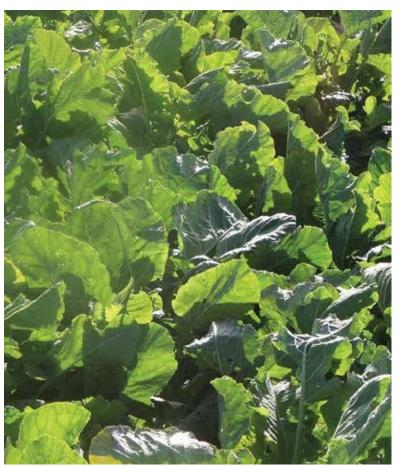
Vixen Rape

Vixen Rape has a semi erect growth habit and is multi stemmed with an abundance of large green leaves. Early maturing with a high leaf to stem ratio. Can be grazed at 8 - 10 weeks and multi-grazing is possible if spring sown.

Agronomic Traits

Sowing Season	October - February		
Sowing Rate	6 - 8 kg/ha		
Maturity (days to grazing) 90			
Yield Potential	12 tDM/ha		





Green Globe Turnip

This is a multi-purpose turnip that can be sown for grazing in summer, autumn and winter. Green Globe Turnips have a 90 - 110 day maturity with an optimal soil temperature at planting of 12 deg C.

Agronomic TraitsSowing SeasonOctober - FebruarySowing Rate0.5 - 2 kg/haMaturity (days to grazing) 90 - 110+Yield Potential10 tDM/ha

Angus Forage Chicory

Chicory is a perennial herb with a large tap root which helps with drought tolerance. Chicory boosts milk production and is fantastic for fattening cattle, deer and lambs with up to 400g of liveweight per day achievable. Angus Forage Chicory suits rotational grazing, has high mineral content and it is a great addition to pasture mixes.

Agronomic Traits

Sowing Season	August - April
sowing season	August - April
Sowing Rate (alone)	8 - 10 kg/ha
Sowing Rate (mix)	2 - 4 kg/ha
Maturity	Medium
Matonity	Medium





Rahu Ryecorn

Rahu is renowned for its versatility and tolerance to low fertility environments. It is a crop that can be grazed multiple times if the first grazing is before stem elongation (GS31). With the correct management, Rahu has the potential to give three grazings.

Agronomic Traits		
Sowing Season	All Year	
Sowing Rate	120 - 150 kg/ha	
Yield Potential	3 - 5 tDM/ha+	

Terminator

Plantain

Terminator is a broad leaf plantain with exceptional drought tolerance and persistence. This forage herb enhances quality in mixed swards or can be used as a stand-alone species in finishing situations. Like all plantains, Terminator has the ability to increase nitrogen utilisation in ruminant species.

Agronomic Traits

Sowing Season	August - April	
Sowing Rate (alone)	6 - 8 kg/ha	
Sowing Rate (mix)	2 - 4 kg/ha	
Maturity	Early	
Yield Potential	High	



White Oats

White Oats are easy to manage, fast growing and provide a large quantity of excellent quality winter feed. Oats can be grazed one to two times or provide a great silage option in the form of whole crop or leaf chop when sown with forage peas. If grazing, yield is optimised when sown in a mixed sward with Italian or hybrid ryegrasses e.g. Advantage Plus, Winfield or Clara.

Sowing Rate	100 - 130 kg/ha	
Maturity	60	
Yield Potential	12 tDM/ha+	



SY Dolomite

SY Dolomite (SY 415-584) is a new feed barley variety from Syngenta that is being released to the New Zealand market in Autumn 2023. SY Dolomite has demonstrated exceptional yields in both dryland & irrigated environments from both Autumn and Spring sowings.

SY Dolomite feed barley

SY Dolomite is a new high yielding feed barley bred by Syngenta in the UK and developed in NZ in conjunction with Cropmark Seeds as head licensee. SY Dolomite has excellent standability being a moderate to stiff strawed cultivar with intermediate maturity making it well suited to a range of different farming situations. It shows superior resistance to most diseases and has a wide sowing window from early May through to October. SY Dolomite produces a large grain with outstanding screenings and test weight.

Scald	Intermediate Resistance	
Leaf Rust	Moderately Susceptible	
Net Blotch	Moderately Resistant	
Powdery mildew	Resistant	
Straw strength	Moderate - Stiff	
Lodging risk	Low	
Crop height	Medium	
Maturity	Intermediate	

Disease and agronomic profile for SY Dolomite barley (FAR 2021-22 autumn cultivar booklet).

Yields

SY Dolomite has been trialed for many years and is well proven across all sites, producing consistent and reliable yields across all sowing times, whether it be dryland or irrigated, for autumn sowing or for spring sowing.

Table 1. Yields from 2021/2022 autumn barley CPT trials at St Andrews (dryland, sown 7th May 2021), Chertsey (irrigated, sown 14th May 2021) and Balfour (dryland, sown 23rd April 2021)

	St Andrews	Chertsey	Balfour
SY Dolomite	9.1	12.3	9.5
Tavern	9.1	11.1	8.3
RGT Planet	9.2	10.8	7.6
Fortitude	9.2	11.7	8.6
Site mean yield	8.9	11.3	8.4
LSD	0.4	0.6	1.1
CV %	3.0	3.6	8.8

Catalyst Performance Agronomy

For more information: 0800 670 770 | orders@catalystag.co.nz | www.catalystag.co.nz

The information given in the document is for general guidance only. Whilst every care has been taken to ensure it is accurate, it is, out of necessity, of a general nature and variation in growing environment or climate can render it inaccurate. Syngenta and Cropmark Seeds cannot accept any liability arising out of or in connection with the use of this information. Crop protection products should be used in conjunction with manufacturers' recommendations. Use pesticides safely and always read the label completely before use.

Agrichemicals

Wholesale Seeds offer a wide range of agrichemicals covering all pastoral and forage situation. We have access to both proprietary and generic products at competitive pricing.

Our field staff have extensive knowledge on individual active ingredients, enabling maximum efficacy for minimal cost to our customers.



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