



Pacific Seeds

Growing possibilities

SUMMER CROP GUIDE

Grain Sorghum - Field Corn - Summer Forage



pacificseeds.com.au

Delivering summer crop solutions that thrive in Australian growing conditions

Pacific Seeds is focused on seeing growers get the most from their summer crops.

During the summer months grain production, filling the feed gaps, maximising weight gain and maximising milk production are the priorities of many growers across Australia. Pacific Seeds products have been developed to assist farmers to achieve these goals and help them to maximise their productivity throughout the season.

We have undertaken extensive research and development in both dryland and irrigated production environments and work with local growers and national industry bodies to solve the challenges facing crop performance. Rigorous testing of hybrids provides us with the data, insights and experience to maximise crop results.

Access the latest agronomy advice and support

Pacific Seeds is committed to providing growers with the expertise and support required to ensure that their summer crops reach their full potential. Growers can access dedicated Pacific Seeds support resources including expert agronomists and researchers, technical guides, seed information and trial data results. Combined with local knowledge and experience, Pacific Seeds can provide you with trusted advice on:

- techniques to drive the summer crop performance and productivity
- planting considerations
- optimising crop nutrition
- optimising plant population by hybrid
- row configurations and plant populations
- crop planning for changing climatic conditions

Talk to your local Pacific Seeds expert or trusted local distributor today.

www.pacificseeds.com.au



Grain Sorghum

We continue to set the benchmark in hybrid grain sorghum development.

Our world-renowned breeding program is focused on delivering hybrids with superior, reliable yields combined with enhanced attributes such as grain size and stress tolerance. The multi-environment testing program ensures hybrids are rigorously tested and proven prior to commercialisation.



MR-TAURUS

Medium quick maturity grain sorghum

HYBRID ATTRIBUTES

MR-Taurus offers growers industry leading yield potential for its medium-quick maturity while solid stress tolerance helps to protect yield under tougher conditions.

This hybrid produces a large, bright red grain which assists in achieving quality requirements.

MR-Taurus is classified as having a medium tillering habit allowing it to compensate and make the most of favourable conditions.

The ideal choice for limited irrigation situations while also highly suitable to wider row configurations under dryland conditions, MR-Taurus is the perfect all-rounder and will perform well in all growing regions.

Days to 50% flower	
Spring	70-74
Summer	66-69
Central QLD	55-58

Midge test rating	6
Seedling vigour	7.5
Seedling cold tolerance	8
Tillering	6
Standability	8
Grain size	9
Grain colour	Bright red
Pollen production	7
Pre-flowering stress tolerance	8
Post-flowering stress tolerance	8
Irrigation	Yes
Wide rows	Yes

KEY:

Rating Scale 1 - 9

1 - Poor

9 - Excellent

MR-Taurus 2021 season, Dulacca QLD.
Photo credit: @CHSBroadbent



MR-BUSTER

Medium maturity grain sorghum

HYBRID ATTRIBUTES

MR-Buster is a medium maturity grain sorghum and is firmly established as Australia's benchmark sorghum hybrid. Offering growers outstanding consistency and reliability across all sorghum growing regions and environments MR-Buster has all bases covered.

This hybrid is suitable for dryland as well as irrigated situations and is proven on both narrow and wider row configurations. A moderate to high level of tillering and great standability only add to its highly regarded reputation.

A proven performer which delivers consistently, MR-Buster is the ideal choice for all situations.

Days to 50% flower	
Spring	73-77
Summer	69-72
Central QLD	57-60
Midge test rating	
	4
Seedling vigour	
	7
Seedling cold tolerance	
	7
Tillering	
	7
Standability	
	7.5
Grain size	
	8
Grain colour	
	Red
Pollen production	
	7
Pre-flowering stress tolerance	
	6
Post-flowering stress tolerance	
	7
Irrigation	
	Yes
Wide rows	
	Yes

KEY:
Rating Scale 1 - 9
1 - Poor
9 - Excellent

MR-Buster 2021 season, QLD.
Photo credit: @wildman_renee



GRAIN
SORGHUM

MR-BAZLEY

Medium quick maturity grain sorghum

HYBRID ATTRIBUTES

MR-Bazley is a medium-quick maturity grain sorghum which provides growers with reliability in all situations. Market leading pre and post flowering stress tolerance and proven performance through harsh conditions has established this variety's reputation as the only choice for tougher environments.

This hybrid is also suited to limited irrigation and performs well when planted on wider row configurations under dryland conditions. Excellent standability and a high level of tillering when situations allow add to dependability.

The ideal option for all dryland environments and double cropping scenarios, growers looking for a reliable performer will not be disappointed in MR-Bazley.

Days to 50% flower	
Spring	70-75
Summer	65-70
Central QLD	55-60
Midge test rating	
	4
Seedling vigour	
	7.5
Seedling cold tolerance	
	8
Tillering	
	7
Standability	
	8
Grain size	
	8.5
Grain colour	
	Red
Pollen production	
	7
Pre-flowering stress tolerance	
	8
Post-flowering stress tolerance	
	8
Irrigation	
	Limited
Wide rows	
	Yes

KEY:

Rating Scale 1 - 9

1 - Poor

9 - Excellent

"It's [MR-Bazley] really just a good all-rounder. What we like about it is that during a tough season it will tough it out well." David Peters, QLD

GRAIN
SORGHUM

Sorghum yields bolstered by all-rounder crop

IN FOCUS: MR-Bazley & Resolute

With the variable Australian environment regularly putting growers through their paces, cropping farms are perennially on the hunt for a reliable variety to use during tough conditions.

While there is a number of active management techniques that can help mitigate climate risk, the benefits of sturdier products are clear, with seed providers like Pacific Seeds producing varieties that can withstand increasingly harsh environments.

Allora-based grower David Peters and his wife Tanya Peters said that after first using Pacific Seeds' sorghum MR-Bazley over four years ago at their property "Hillcrest", that the product has become their 'true and known' all-rounder product, and they've been using it ever since.

"We recently planted MR-Bazley into two-year long fallow ground after corn, and at the time the conditions were extremely dry," said Mr Peters.

"Thankfully, it rained at just the right time, and the resulting yield came out at just a bit over 10 tonne per hectare – we were thrilled.

MR-Bazley is a medium-quick maturity grain sorghum that provides growers with reliability in all situations. The ideal option for all dryland environments and double cropping scenarios, growers looking for a reliable performer have found great results with MR-Bazley.

"It's really just a good all-rounder. What we like about it is that during a tough season it will tough it out well," said Mr Peters.

"So it's good for both growth ends, it will perform during harsher periods and if conditions are good, it will result in a great yield," said Mr Peters.

In addition to Pacific Seeds all-rounder products like MR-Bazley, growers are also singing praises for sorghum products the company has released – like the new hybrid Resolute.

Resolute incorporates the latest Pacific Seeds genetics to reward growers with high yields and quality across seasons. It also has the stress tolerance that can weather the toughest of conditions.

"We're still keen to try other varieties as well and the new options as they come out, we're eager to try out Pacific Seeds' Resolute," said Mr Peters.

"We're yet to have a crack at this product, but the trial data I've seen is really promising and especially now after seeing it at Foundation Farm.

In late 2019, Pacific Seeds launched Foundation Farm - new farming innovation hub on the Darling Downs in Southern Queensland. The farm has been established to facilitate the testing and proving of new technologies prior to their implementation on farms across Australia.

"It's fantastic having Foundation Farm so close to home, you get to see the newest varieties being grown and get a feel for how those products could work for the area's soil and weather conditions.

"On the sorghum front; my belief is that Pacific Seeds are certainly industry leaders. They've pretty much set the benchmark for seed companies – I don't know any other brands that can match them when it comes to sorghum."



David Peters discussing dryland grain sorghums at the Pacific Seeds Foundation Farm with Brendan Taylor and Cameron Parker

RESOLUTE

A new grain sorghum hybrid from Pacific Seeds

HYBRID ATTRIBUTES

Hybrid with good stress tolerance that can weather the toughest of conditions, but rewards you with high yields and quality in the good seasons

Wide area of adaptation

Very reliable yield and grain size

Excellent height uniformity

Increased yield potential

8+ Midge

Excellent seedling vigour

Suitable for early and late planting

Days to 50% flower

Spring	75-80
Summer	70-75
Central QLD	60-63

Midge test rating	8+
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Seedling vigour	8
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Seedling cold tolerance	8
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Tillering	6
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Standability	7.5
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Grain size	9
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Grain colour	Red
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Pollen production	7
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Pre-flowering stress tolerance	6
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Post-flowering stress tolerance	7
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Irrigation	Yes
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Wide rows	Yes
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KEY:

Rating Scale 1 - 9

1 - Poor

9 - Excellent



GRAIN
SORGHUM

HALIFAX

A new grain sorghum hybrid from Pacific Seeds

HYBRID ATTRIBUTES

Reliable long season hybrid with improved yield potential

Perfect planting partner to help spread the environmental risks

Well suited to irrigation

Wide area of adaptation

Very reliable yield and grain size

Excellent height uniformity

Increased yield potential

Excellent seedling vigour

Days to 50% flower	
Spring	77-82
Summer	72-78
Central QLD	60-66
Midge test rating	
Seedling vigour	8
Seedling cold tolerance	8
Tillering	6
Standability	8
Grain size	9
Grain colour	Red
Pollen production	8
Pre-flowering stress tolerance	8
Post-flowering stress tolerance	8
Irrigation	Yes
Wide rows	Yes

KEY:
Rating Scale 1 - 9
1 - Poor
9 - Excellent



GRAIN
SORGHUM

Utilising the best in igrowth technology

HYBRID ATTRIBUTES

World first imidazolinone tolerant grain sorghum hybrid

Excellent yield potential

Suitable for all sorghum growing regions

Developed in Australia using Pacific Seeds' elite grain sorghum genetics to ensure adaptation to Australian conditions

Excellent yield stability across all environments

igrowth technology provides the option for double cropping back into paddocks which have grown Clearfield tolerant winter crops, avoiding issues with plantback residuals

Days to 50% flower	
Spring	74-78
Summer	70-73
Central QLD	59-62

Midge test rating	5
Seedling vigour	8
Seedling cold tolerance	8
Tillering	8
Standability	7
Grain size	8
Grain colour	Red
Pollen production	8
Pre-flowering stress tolerance	8
Post-flowering stress tolerance	8
Irrigation	Yes
Wide rows	Yes

KEY:
Rating Scale 1 - 9
1 - Poor
9 - Excellent

**"It [Sentinel IG] has helped us control grasses that we've never been able to do before in sorghum – it is a phenomenal advancement in my opinion."
Ted Shooter, QLD**

GRAIN
SORGHUM

Confidence in innovation helps growers chase better yield outcomes

IN FOCUS: Sentinel IG

For long-time members of the agriculture industry, the incredible advancements made in seed technology have helped completely transform and elevate the growing ability of cropping farms.

Particularly as Aussie farmers continue to battle pervasive periods of drought – the emphasis on advancing ag-tech has never been stronger.

Ted and Kerri Shooter are part of a multi-generation farming family, and over the years have trialed a number of different varieties on their farm – with Pacific Seeds' Sentinel IG proving to be a welcome addition to their rotation.

"We've been growing Sentinel IG for the last five years and our most recent yield was excellent and came out to 10.182t/ha at 13.5 per cent moisture, it went on to win first place in the irrigated grain sorghum category at the RASQ Toowoomba show in 2021," said Mr Shooter.

"It's unbelievable under irrigation – when we planted it was extremely dry, and the results after we irrigated were fantastic.

Sentinel IG is Pacific Seeds' world first Imidazolinone-tolerant grain sorghum hybrid and combines the company's proprietary igrowth® trait with excellent top end yield potential to deliver a truly competitive package.

The igrowth® technology in sorghum was developed by Advanta Seeds through mutagenesis methods and provides tolerance to herbicides of the Imidazolinone family. The igrowth® trait is not a GMO.

"We have an entry for the next RASQ Toowoomba show and when I tested the yield of this Sentinel IG rotation it's looking even better than the previous year – sitting at about 10.8t/ha, so it'll be interesting to see how we go."

Offering growers excellent grass weed control, Sentinel IG has high yield potential and suits all sorghum growing regions.

"We used Intervix® on the most recent Sentinel IG crop and that really helped support that grass weed control by reducing the seed bank from the problem weeds and preventing re-germination," said Mr Shooter.

"Our irrigated Sentinel IG also stood up phenomenally this year, despite some pretty tricky conditions.

"We planted on a flood plain and at one stage we had flood water two foot deep running through it – which was pretty nerve wracking. We're glad the yield outcome was so positive.

Pacific Seeds is continuing to explore the application possibilities of its igrowth® technology and is investing in new products that will help bolster growers' yield outcomes.

"We're recently participated in some recent Pacific Seed trials for an igrowth® product. It's still only at the experimental stage, but it was really robust and reliable," said Mr Shooter.

"It's great to be a part of those trials and see what's coming through the pipeline."



Bill Smith Pacific Seeds, Ted Shooter Bellevue Allora and Neil Doyle Olsens Produce yield testing Sentinel IG for the RASQ Toowoomba Show



Field Corn

Pacific Seeds' field corn hybrids are selected for their outstanding yield and agronomic performance.

Our hybrid development program is focused on superior yields, disease tolerance and agronomic characteristics across all Australian corn-growing regions.

Our continuing focus on providing dual-purpose hybrids aims to give corn growers greater flexibility with their marketing options.



PAC 328

YELLOW SEMI DENT



HYBRID ATTRIBUTES

- Quick maturity
- Dual purpose corn (silage/grain)
- First choice for quick silage choice
- Robust stature
- Excellent staygreen

CRM	104
Flowering time	Med-quick
Plant height	Med-tall
Northern leaf blight	7
Common rust	8
Dryland suitability	7
Test weight	6
Yield potential grain	8
Yield potential silage	9
Silage quality	8
Imidazolinone tolerance	No

KEY:
Rating Scale 1 - 9
1 - Poor
9 - Excellent

PAC 440

SOFT YELLOW DENT



HYBRID ATTRIBUTES

- Outstanding grain yield for quicker maturity
- Dual purpose corn (grain/high quality silage)
- Soft starchy grain
- Broad adaptation across inland environments

CRM	108
Flowering time	Med-quick
Plant height	Med-tall
Northern leaf blight	8
Common rust	8
Dryland suitability	7
Test weight	5
Yield potential grain	9
Yield potential silage	8
Silage quality	9
Imidazolinone tolerance	No

KEY:
Rating Scale 1 - 9
1 - Poor
9 - Excellent

FIELD
CORN



FIELD CORN

HYBRID ATTRIBUTES

Medium maturity

Attractive, robust stature

No. 1 silage choice

Large girthy ears

Soft starchy grain

CRM	118
Flowering time	Mid
Plant height	Tall
Northern leaf blight	7
Common rust	5.5
Dryland suitability	7
Test weight	5
Yield potential grain	7
Yield potential silage	9
Silage quality	8
Imidazolinone tolerance	No

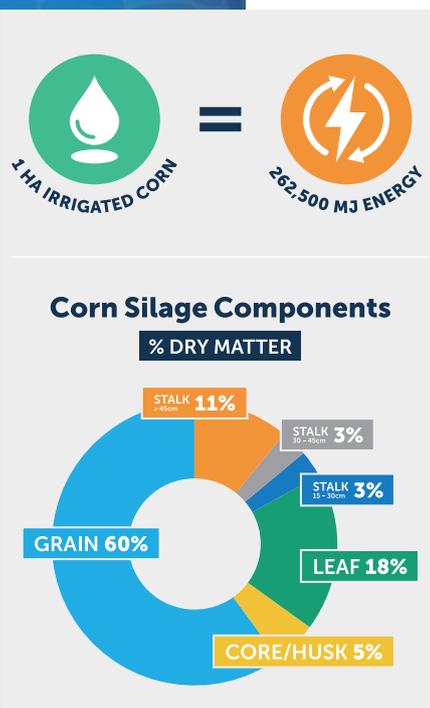
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Rating Scale 1 - 9

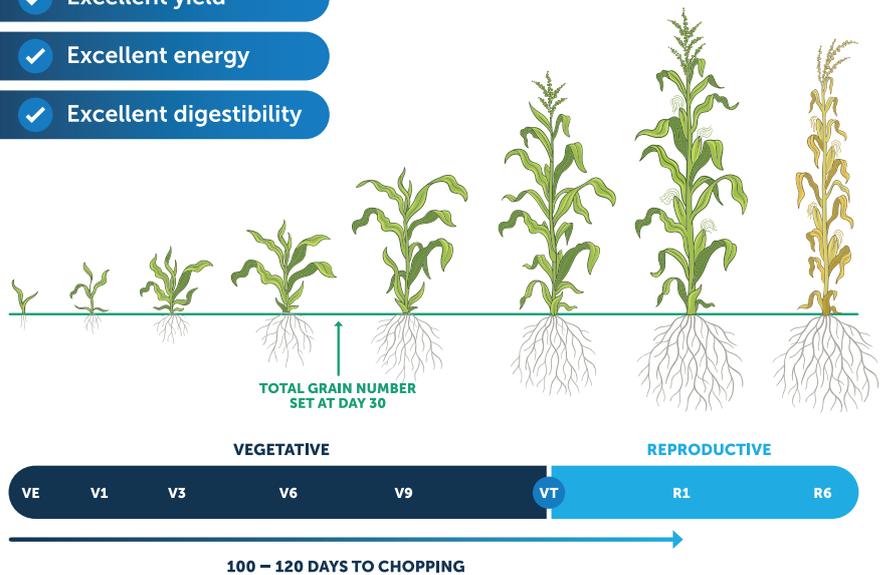
1 - Poor

9 - Excellent

Corn Silage



- ✓ Excellent yield
- ✓ Excellent energy
- ✓ Excellent digestibility



PAC 606IT

YELLOW SEMI DENT



HYBRID ATTRIBUTES

- Medium - quick maturity
- Dual purpose corn (grain/silage)
- Excellent stress tolerance
- Very good disease tolerance package
- Imidazolinone tolerance (IT) for in-crop weed control

CRM	114
Flowering time	Mid
Plant height	Medium
Northern leaf blight	9
Common rust	8
Dryland suitability	9
Test weight	6
Yield potential grain	8
Yield potential silage	8
Silage quality	8.5
Imidazolinone tolerance	Yes

KEY:
Rating Scale 1 - 9
1 - Poor
9 - Excellent

PAC 804

HARD ENDOSPERM

New multi-purpose corn hybrid from Pacific Seeds



HYBRID ATTRIBUTES

- Medium-maturing, multi-purpose corn (food grade/silage/grain)
- Large blocky grain
- Robust stature with excellent stalk strength
- Pendulous ears during drydown to prevent weathering
- Very good stability across a range of environments

CRM	118
Flowering time	Mid
Plant height	Tall
Northern leaf blight	7
Common rust	9
Dryland suitability	8
Test weight	8
Yield potential grain	8
Yield potential silage	8.5
Silage quality	8
Imidazolinone tolerance	No

KEY:
Rating Scale 1 - 9
1 - Poor
9 - Excellent

FIELD
CORN

Dairy still going strong on PAC 606IT

IN FOCUS: PAC 606IT

Shepparton dairy farmer Duncan Crawford has been fuelling his 800 Holsteins on corn silage from varieties PAC 606 and PAC 606IT for six seasons and he doesn't plan on changing the program anytime soon.

Mr Crawford said that's because it produces high quality, high yielding silage and the maturity is ideal.

"We've been growing PAC 606 and its replacement PAC 606IT for six seasons now under the two centre pivots," he said.

"We can hit our target of 23 tonnes per hectare of dry matter most seasons and it's great for putting condition on the cows.

"Having a CRM of 114 also maximises the growing period, so it gives us a chance to grow a decent crop and then get early autumn growth after harvest.

"There are varieties with a shorter CRM available, but we find the 114 maximises yield and when it comes off, it's not so late we can't sow the winter crop."

Duncan runs 'Fenton Hall' with his wife Emily and father Ross, milking the 800 cows on a 60-unit rotary with auto draft.

They also grow wheat for silage, Lucerne, perennial ryegrass, Italian ryegrass, and buy in grain to supplement the diet.

Mr Crawford said they run three 1000t earth bunkers at the property – one for pasture, one for Lucerne and one for corn.

"We aim to plant the corn in early November and harvest in March, so then we have feed in the bunkers to supplement the herd over winter."

Previously, the farmers stuck to that window, seeding 47ha of PAC 606IT in November with chicken manure into a paddock out of Italian ryegrass that was strip tilled before sowing. Mr Crawford said it was a hot, dry season, with tight water allocations to go with it.

"It was a terribly dry, awful, hot summer season and it was a pretty tight year for water too. Luckily enough we filled our cobs."

That season, Shepparton received 28mm in November, 37mm in December, 7mm in January, 7mm in February and 5mm in March – a growing season rainfall total almost half that of the annual median.

Each month's annual median temperature was exceeded in that period, making it tough going for the corn.

Despite all this, the family harvested the corn at the end of March and averaged 22t/ha DM from the 47ha block.

"Getting close to our usual 23t/ha DM target was pretty remarkable given how harsh the season was. In the best seasons we can get the 606IT to push 26t/ha DM.

The paddock was then sown to wheat, which produced silage, and the Crawford's then went onto sow their seventh season of Pacific Seeds corn.





Summer Forage

Whether it's for grazing, hay or silage production, we offer a versatile range of summer forage products.

The hybrids we create through our summer forage breeding program maximise productivity and increase feed quality across a range of livestock industries. These are released if they're proven, through rigorous research, to have an advantage over existing commercial varieties.



BMR OCTANE

SUMMER FORAGE

BMR Octane is a proven sorghum x Sudan forage hybrid. BMR Octane has been specifically bred and developed for Australia's tough conditions.

It offers excellent digestibility and palatability through the BMR trait, coupled with strong seedling vigour and good standability. BMR Octane's late maturity provides exceptional adaptability for grazing or hay production.

- Enhanced digestibility and palatability
- High energy content
- Reduced lignin content
- Excellent milk production
- BMR advantage

CHARACTERISTICS & RATINGS

- Late maturity
- 90 - 100 days to flower
- 30,000 - 35,000 seeds/kg

Palatability	9
Digestibility	9
Speed of regrowth	8
Stalk sweetness	7
Standability	7
Leaf disease resistance	8
Suitability to finish cattle	9
Pit silage	7
Round bale silage	9
Milk production	9
Hay	8
Sheep	7
Autumn/winter standover	5
Quick spring feed	7
Ideal height to commence grazing (m)	1

KEY: Rating Scale 1-9
1 - Poor
9 - Excellent
** - not recommended

SOWING RATES & SOIL TEMPERATURE

Soil temperature for sowing	16° C and rising
Marginal dryland (kg/ha)	3 - 5
Favourable dryland (kg/ha)	5 - 10
Irrigation or high rainfall (kg/ha)	10 - 20

"We've been really happy with Sprint and Octane because it's cost effective and fills the feed gap."
Thomas Glltrap, VIC

BMR ROCKET

SUMMER FORAGE

BMR Rocket is a fast-growing sorghum x Sudan forage hybrid. BMR Rocket's growth, fine stem, prolific tillering and regrowth, plus the added benefit of BMR make this hybrid a great all rounder.

BMR Rocket is well suited for making hay, round bale silage or for grazing with cattle or sheep.

- Quick feed
- Reduced lignin content
- Increased productivity across multiple end uses
- High energy levels
- BMR advantage

Palatability	9
Digestibility	9
Speed of regrowth	9
Stalk sweetness	7
Standability	7
Leaf disease resistance	8
Suitability to finish cattle	9
Pit silage	7
Round bale silage	9
Milk production	9
Hay	9
Sheep	9
Autumn/winter standover	5
Quick spring feed	9
Ideal height to commence grazing (m)	1

CHARACTERISTICS & RATINGS

- Quick maturity
- 60 - 75 days
- 30,000 - 35,000 seeds/kg

KEY: Rating Scale 1-9

1 - Poor

9 - Excellent

** - not recommended

SOWING RATES & SOIL TEMPERATURE

Soil temperature for sowing	16° C and rising
Marginal dryland (kg/ha)	3 - 5
Favourable dryland (kg/ha)	5 - 10
Irrigation or high rainfall (kg/ha)	15 - 25

BMR Rocket, 43 days after planting ready to feed
Photo credit: @tomferg88



SUGARGRAZE

SUMMER FORAGE

Sugargraze is an easy to manage and versatile hybrid. Sugargraze has a proven track record as a sweet sorghum combining good productivity, excellent sugar levels and adaptability.

It is ideal for both early or late sowing as it can be utilised at any stage during summer, autumn, or early winter as required.

- Very high dry matter production
- Excellent sugar levels
- Ideal choice for pit silage
- Versatile and easy to manage
- Wide chopping window for quality silage

CHARACTERISTICS & RATINGS

- Late maturity
- 90 - 105 days to flowering
- 30,000 - 35,000 seeds/kg

Palatability	8
Digestibility	8
Speed of regrowth	5
Stalk sweetness	9
Standability	8
Leaf disease resistance	7
Suitability to finish cattle	9
Pit silage	9
Round bale silage	2**
Milk production	6
Hay	3**
Sheep	4
Autumn/winter standover	9
Quick spring feed	6
Ideal height to commence grazing (m)	1.5

KEY: Rating Scale 1-9

1 - Poor

9 - Excellent

** - not recommended

SOWING RATES & SOIL TEMPERATURE

Soil temperature for sowing	16° C and rising
Marginal dryland (kg/ha)	3 - 5
Favourable dryland (kg/ha)	5 - 10
Irrigation or high rainfall (kg/ha)	15 - 20

“A number of my customers who have sales and show cattle, and they always go for the Sugargraze, because they know it’s the best quality and will be a hit with their cattle.” Warren Folker, QLD

Aussie cattle seek out sorghum sugar rush

IN FOCUS: Sugargraze

With the 'paddock to plate' phenomenon proving to be a valuable tool for the Australian livestock industry, cattle farmers are singing the praises of certain forage varieties that are helping sweeten the paddock side of the equation before heading to the plate.

Wyreema Queensland-based grower Warren Folker is a third generation farmer whose upbringing in the dairy industry helped guide him to his current passion for hay.

Mr Folker is a renowned specialist hay producer for livestock in the Darling Downs region and says the key to his success has been growing Pacific Seeds' sweet sorghum hybrid – Sugargraze.

"I've been growing Sugargraze for donkey's years, and of all the varieties I've trialled on my property, this is the pick of the whole lot of them," said Mr Folker.

"It's just so much leafier and sweeter and makes beautiful hay. You can see that it's a big hit with the cattle.

"When I'm putting hay bales out in the feeders, the moment I bring Sugargraze out, the cattle can actually smell it and they will leave the other feeders and make a beeline for Sugargraze.

"They actually fight over it and ultimately cattle are the greatest judges for which varieties suit them best.

Sugargraze has a proven track record as a sweet sorghum combining good productivity, excellent sugar levels and adaptability. Sugargraze's sweet stems and high protein content, make this product a clear favourite with growers.

"The secret for growing the best hay, is to plant it really thick and then cut it at 150cm high – what you end up with is a really leafy, soft, sweet product, whereas other products I've seen are a lot stalkier and courser," said Mr Folker.

"I think the common thought is to grow sweet sorghums as high as you can, to maximise the number of hay bales – but you really do lose that quality.

"The protein and sugar content really helps fatten cattle up – I call it cow candy.

"I can't confirm if Sugargraze affects the final flavour of the meat, but one of my long-time customers says he can tell which steers have been given Sugargraze as part of their diet.

While Mr Folker's main venture is in hay, he also breeds Speckle Park cattle as a passion project – one of the most highly sought after breeds.

"Some of my cattle I sell as show steers, and I've got a number of people that buy meat off me privately, the rest I just send to market," said Mr Folker.

"You haven't tried meat until you have Speckle Park meat, it's just absolutely beautiful.

"When I'm grazing them you know that nine times out of ten they'll go straight to the sweeter bales first, and Sugargraze of course is a favourite.

"We even have some new neighbours who live directly across from our Sugargraze paddock and they even made a comment, 'is that that crop there that we can smell the sweet smell' and I said yeah that's what it is. It's just amazing."



SPRINT

Sprint is a fast growing, quick maturity Sudan x Sudan grass forage hybrid. Being a sudan type hybrid, prussic acid levels are generally lower than other forage sorghums.

Sprint's fine stem, high tillering makes this hybrid well suited for grazing cattle or sheep along with hay production.

- High dry matter production
- Quick feed and regrowth
- Prolific tillering, fine stem
- Multiple cuts for hay production
- Very well suited for sheep and cattle

CHARACTERISTICS & RATINGS

- Quick maturity
- 60 - 75 days to flower
- 49,000 - 67,000 seeds/kg

SOWING RATES & SOIL TEMPERATURE

Soil temperature for sowing	16° C and rising
Marginal dryland (kg/ha)	3 - 5
Favourable dryland (kg/ha)	5 - 10
Irrigation or high rainfall (kg/ha)	20 - 25

Palatability	8
Digestibility	8
Speed of regrowth	9
Stalk sweetness	5
Standability	8
Leaf disease resistance	7
Suitability to finish cattle	7
Pit silage	5
Round bale silage	8
Milk production	6
Hay	9
Sheep	9
Autumn/winter standover	5
Quick spring feed	9
Ideal height to commence grazing (m)	1

KEY: Rating Scale 1-9

1 - Poor

9 - Excellent

** - not recommended

SUPERDAN 2

SUMMER FORAGE

Superdan 2 is a late maturing Sudan x Sudangrass forage hybrid. Being a sudan type forage, this hybrid generally has lower levels of prussic acid compared to other forage sorghums.

Superdan 2 traits include high tillering with fine stems, excellent for grazing cattle and sheep or hay production.

- Quality hay production
- High tillering, fine stems
- Outstanding dry matter yields
- Excellent regrowth from cutting or grazing

CHARACTERISTICS & RATINGS

- Late maturity
- 80 - 90 days to flower
- 60,000 - 66,000 seeds/kg

SOWING RATES & SOIL TEMPERATURE

Soil temperature for sowing	16° C and rising
Marginal dryland (kg/ha)	3 - 5
Favourable dryland (kg/ha)	5 - 10
Irrigation or high rainfall (kg/ha)	10 - 20

Palatability	8
Digestibility	8
Speed of regrowth	8
Stalk sweetness	5
Standability	8
Leaf disease resistance	7
Suitability to finish cattle	7
Pit silage	3
Round bale silage	8
Milk production	6
Hay	9
Sheep	9
Autumn/winter standover	5
Quick spring feed	8
Ideal height to commence grazing (m)	1

KEY: Rating Scale 1-9

1 - Poor

9 - Excellent

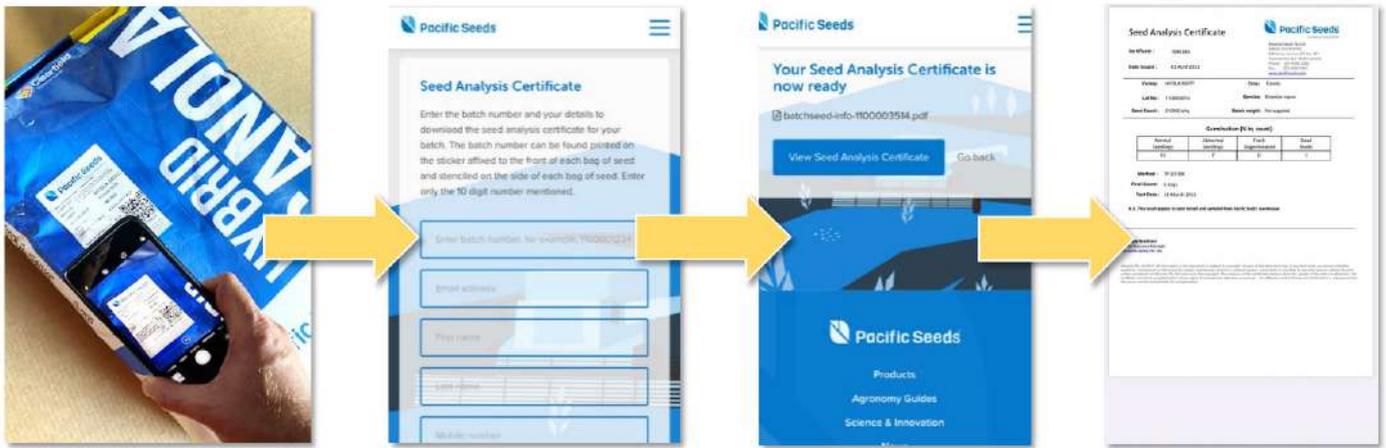
** - not recommended



New Tools

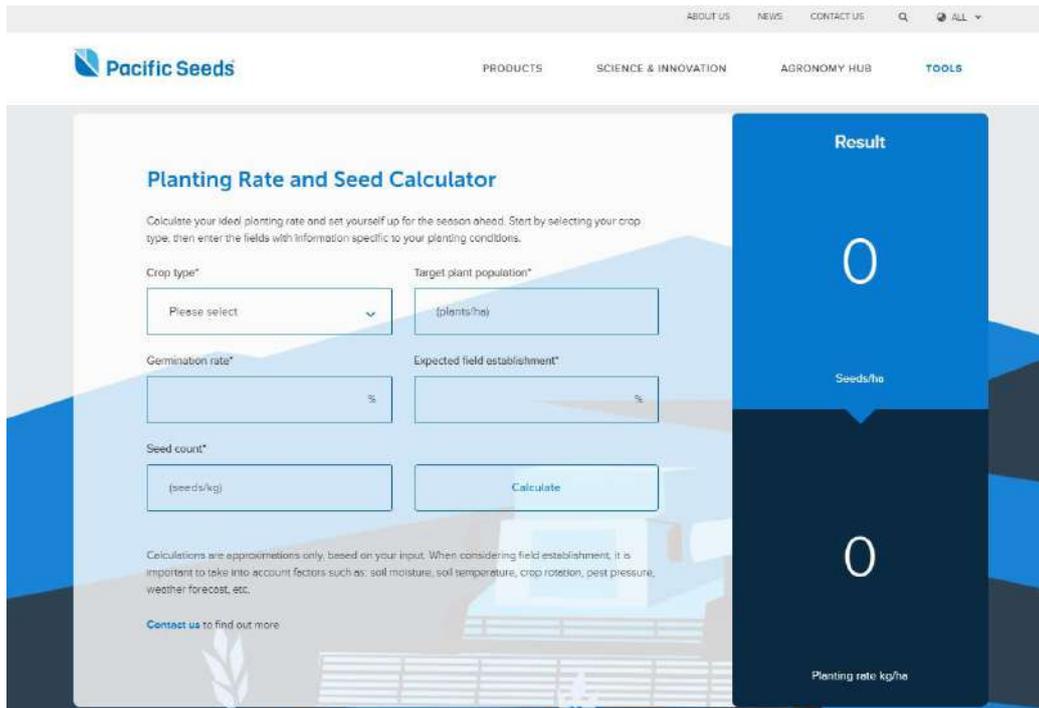
Seed Analysis Certificate

You can now access your seed quality information and seed analysis certificate through the Pacific Seeds website or by scanning the QR code on your seed bag. Customer data will be recorded for tracing purposes in the unlikely event of a product recall. For more information and full instructions visit www.pacificseeds.com.au/seed-quality.



Planting Rate and Seed Calculator

Calculate your ideal planting rate and set yourself up for the season ahead. Visit www.pacificseeds.com.au/seed-calculator for more information and full instructions.



Australian growers are set to reap the benefits from a new farming innovation hub in Allora, Southern Queensland.

Foundation Farm has been established by Pacific Seeds to test and prove new farming technologies, methods and systems at a practical level offering confidence to growers before implementation on their own properties.

Minister for Agriculture, Drought and Emergency Management and Federal Member for Maranoa David Littleproud officially launched Foundation Farm in February 2021 and said cross-industry collaboration was key to driving innovation and benefits for farmers.

“As our population grows and farmers face new climate challenges, it has never been more important for like-minded organisations, researchers and growers to work together to not only overcome these challenges but identify and implement opportunities for Australian agriculture to continue to prosper as a result,” Minister Littleproud said.

Pacific Seeds Managing Director Barry Croker believes Foundation Farm will assist in driving improvements to efficiency, sustainability and ultimately profit for Australia’s agricultural industry.

“Foundation Farm is a long-term vision for Pacific Seeds and part of our unwavering commitment to innovation and seeing grower’s full farming potential realised,” said Mr Croker.

“The new initiative provides an opportunity to look at the very foundations of a farm’s operation, and ask what can be done differently to not only improve production today, but to also anticipate the challenges growers may face in 10-15-20 years’ time as our climate changes and technology evolves.

“Foundation Farm is about working collaboratively as an industry to utilise the best people or agronomists and researchers research, technology and products in order to continually evolve how a farm operates for the better.”

Research, practical applications, and the sharing of knowledge are the cornerstones of Foundation Farm. Activities will be based around five key pillars: new technology, sustainable farming practices, crop protection, crop agronomy and training.

Located across 80 acres outside of Allora, Foundation Farm provides opportunities for dryland and irrigated cropping systems, with a focus on grain sorghum, field corn and forage sorghum farming applications.

Foundation Farm is a practical and highly valuable resource for educating growers, agronomists and agricultural technology providers.

For more information about Foundation Farm, to register your interest in field day or to get involved as a partner, please contact Trevor Philp, Summer Grains Agronomist, Ph: 0427 568 517





Foundation Farm at Allora, Queensland, was officially launched in February 2021 followed by a week of field days, industry guest speakers, demonstrations and tours.

Grain Sorghum Hybrids

	MR-TAURUS	MR-BUSTER	MR-BAZLEY	RESOLUTE	HALIFAX	SENTINEL IG
Days to 50% flower						
Spring	70-74	73-77	70-75	75-80	77-82	74-78
Summer	66-69	69-72	65-70	70-75	72-78	70-73
Central QLD	55-58	57-60	55-60	60-63	60-66	59-62

Midge test rating	6	4	4	8+	7	5
Seedling vigour	7.5	7	7.5	8	8	8
Seedling cold tolerance	8	7	8	8	8	8
Tillering	6	7	7	6	6	8
Standability	8	7.5	8	7.5	8	7
Grain size	9	8	8.5	9	9	8
Grain colour	Bright Red	Red	Red	Red	Red	Red
Pollen production	7	7	7	7	8	8
Pre-flowering stress tolerance	8	6	8	6	8	8
Post-flowering stress tolerance	8	7	8	7	8	8
Irrigation	Yes	Yes	Limited	Yes	Yes	Yes
Wide rows	Yes	Yes	Yes	Yes	Yes	Yes

Key: Rating Scale 1-9, 1=Poor to 9=Excellent

Field Corn

	PAC 328	PAC 440	PAC 624	PAC 606IT	PAC 804
	Yellow Semi Dent	Soft Yellow Dent	Soft Yellow Dent	Yellow Semi Dent	Hard Endosperm
CRM	104	108	118	114	118
Flowering Time	Med - Quick	Med - Quick	Mid	Mid	Mid
Plant Height	Med - Tall	Med - Tall	Tall	Medium	Tall
Northern leaf blight	7	8	7	9	7
Common rust	8	8	5.5	8	9
Dryland sustainability	7	7	7	9	8
Test weight	6	5	5	6	8
Yield potential gain	8	9	7	8	8
Yield potential silage	9	8	9	8	8.5
Silage quality	8	9	8	8.5	8
Imidazolinone tolerance	No	No	No	Yes	No

Key: Rating Scale 1-9, 1=Poor to 9=Excellent

Summer Forage

	BMR OCTANE	BMR ROCKET	SUGARGRAZE	SUPERDAN 2	SPRINT
Soil temperature for sowing	16° C and rising				
Marginal dryland (kg/ha)	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5
Favourable dryland (kg/ha)	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10
Irrigation or high rainfall (kg/ha)	15 - 20	15 - 25	15 - 20	10 - 20	20 - 25

Palatability	9	9	8	8	8
Digestibility	9	9	8	8	8
Speed of regrowth	8	9	5	8	9
Stalk sweetness	7	7	9	5	5
Standability	7	7	8	8	8
Leaf disease resistance	8	8	7	7	7
Suitability to finish cattle	9	9	9	7	7
Pit silage	7	7	9	3	5
Round bale silage	9	9	2**	8	8
Milk production	9	9	6	6	6
Hay	8	9	3**	9	9
Sheep	7	9	4	9	9
Autumn/winter standover	5	5	9	5	5
Quick spring feed	7	9	6	8	9
Ideal height to commence grazing (m)	1	1	1.5	1	1

Key: Rating Scale 1-9, 1=Poor to 9=Excellent, **= not recommended

FOR CURRENT INFORMATION ON PACIFIC SEEDS VARIETIES,
CONTACT TOOWOOMBA HEAD OFFICE ON (07) 4690 2666
OR VISIT US ONLINE AT PACIFICSEEDS.COM.AU



pacificseeds.com.au

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