



Your partner in the paddock.

SPRING SOWING GUIDE



SW0348

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Plant with confidence
with S&W Establishment Guarantee*



MILLET & FORAGE SORGHUM



Rebound Forage Millet

Fast growing summer forage millet
Annual Spring & Summer Option

Features & Benefits

- Fast growing summer grass
- Safe, good quality feed
- Excellent regrowth after cutting
- Plant on 14 degrees Celsius soil temperatures and rising

Seed rate	kg/ha
Dryland	10-15
High rainfall/Irrigation	30-40

Seed treatment*
None/XLR8™ optional



Calibre BMR Forage Sorghum

Early to mid-maturing BMR forage sorghum. Reduced lignin results in higher feed intake and improved livestock weight gains.

Features & Benefits:

- 12 gene BMR
- Highly digestible forage
- Excellent yield potential
- Increased livestock weight gain
- High quality dry matter

Seed rate	kg/ha
Dryland	4-8
High rainfall/Irrigation	15-20

Seed treatment*

Enhanced or Standard

Usage

Dairy or beef operations looking for hay or silage options.

Hay



Digestibility



Palatability



Standability



Early seeding vigour



Cattle grazing



Dairy



Sheep grazing



Carry over feed



Pit silage



Round bale silage



Rating scale: 1-9

1 - not recommended / 9 - excellent

Sweet As

Forage Sorghum

Sweet As is a late maturing hybrid with a high sugar content in the leaves and stems, high growth rates and yield potential.

Features & Benefits:

- Large seed size
- Late maturing
- High sugar content
- Good standability

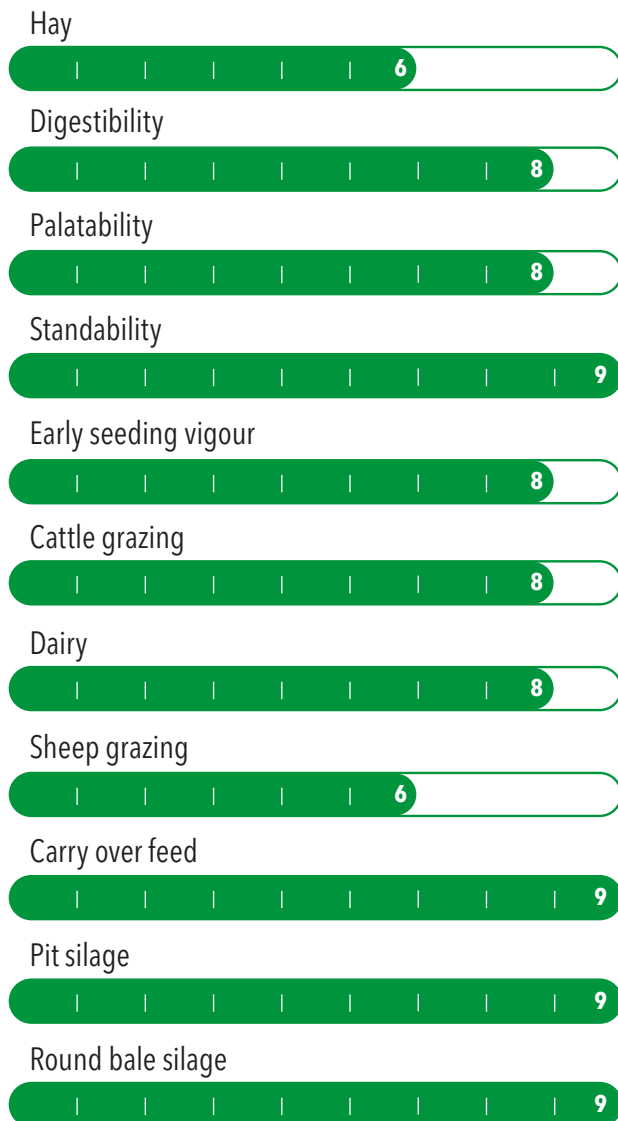
Seed rate	kg/ha
Dryland	4-8
High rainfall/Irrigation	15-20

Seed treatment*

Enhanced or Standard

Usage

Grazing, silage, green chop and stand over feed.



Rating scale: 1-9

1 - not recommended / 9 - excellent



Jake Graham

JIMBOUR STATION, DARLING DOWNS, QLD

"We were impressed by the initial bulk of growth and the regrowth"

"Sweet As" At Jimbour Station

There are many mouths to feed at Jimbour Station on the Darling Downs, with breeders and backgrounding cattle coming and going throughout the year. Grass country is relieved of some of the pressure by the cultivation country.

Summer forage is therefore essential in the summer subtropical grass growing window. During the spring of 2021, station manager Jake Graham allocated 350 acres for "Sweet As" Forage Sorghum planting.

However, as was the case for many producers, the wet weather wouldn't allow them to get a planting window until the end of October.

Once planted, the rains arrived, with some of the paddocks having water across them when the crop was young. Even though some areas did "wash out" slightly, favourable summer growing conditions allowed it to get up and running very quickly.

In early January, 800 backgrounders were introduced to the Sweet As when a break in the weather allowed. "The cattle loved it, despite it being past its ideal grazing height, the cattle chewed the stems right down and didn't waste much of the plant," Jake noted. "We were impressed by the initial bulk of growth and the regrowth, which meant we could rest our recently planted pasture paddocks through until April and put valuable kilo's on the steers." For silage, grazing, or standover feed, you can't go wrong with Sweet As.

Chomper

Forage Sorghum

Mid-maturing sorghum x sudan forage with good leaf to stem ratio providing good quality feed with proper management.

Features & Benefits:

- Large seed size
- Good early season vigour
- Quick regrowth after cutting or grazing
- High leaf to stem ratio

Seed rate kg/ha

Dryland 4-8
High rainfall/Irrigation 15-20

Seed treatment*

Enhanced or Standard

Usage

Suitable for grazing, hay, haylage and greenchop.

Hay



Digestibility



Palatability



Standability



Early seeding vigour



Cattle grazing



Dairy



Sheep grazing



Carry over feed



Pit silage



Round bale silage



Rating scale: 1-9

1 - not recommended / 9 - excellent



Matt Welsh

HUNTINGTON CHARBRAYS, TAROOM, QLD

"This hay has helped feed the 2021 sale bulls and the palatability of the leaves/stems has been very impressive, we will definitely grow it again."

Chomper Prevails In Tough Taroom Summer

Matt and Luke Welsh of Huntington Charbrays, breeders of Taroom stud cattle, understand the importance of forage sorghum hay in the shed. After the big dry of 2018-19, the "La Nina" summer of 2020 was looking like it could have been the break they needed to stockpile some bales.

During early November planting rains of 28mm, Luke Welsh planted 8 kilograms of Chomper Forage Sorghum per hectare in his River paddock. It was time for the rain to come. However, the next six weeks were dry, resulting in a mix of struck plants and some still waiting to germinate.

Eventually, 30mm of rain fell in mid-December, which hit the remaining seed, and then the wait for more rain began. Without any decent in-crop rainfall and February nearly elapsed, Luke was faced with the dilemma of spraying out his best hay-producing paddock and opting for an oats crop. To its credit, Chomper held on and when 75mm followed by 38mm arrived, a flourish of green appeared in his paddock.

To make things worse, the Grasshoppers arrived in March. These took to any of the fresh new shoots that were present and certainly reduced the yield of hay dramatically. At the start of May, between showers, the Chomper was cut, raked, and put into 5x4 round bales. "This hay has helped feed the 2021 sale bulls and the palatability of the leaves/stems has been very impressive. We will definitely grow it again," Matt said.

FlexiGraze™

Forage Sorghum

Ultra-late flowering sudan x sudan forage sorghum. Ideally suited to hay production with its finer stems and high leaf to stem ratio.

Features & Benefits:

- Ultra late flowering
- Low prussic acid risk
- Excellent for grazing and hay production
- Fine leaves for highly palatable hay

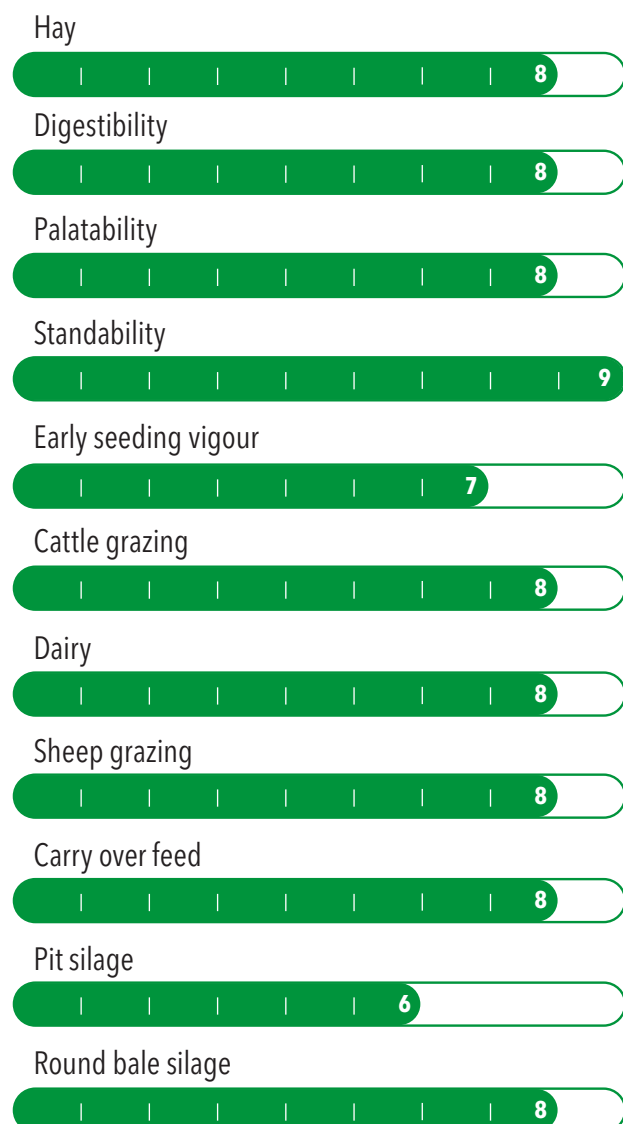
Seed rate	kg/ha
Dryland	8-15
High rainfall/Irrigation	20-30

Seed treatment*

Enhanced or Standard

Usage

Suitable for grazing, hay, haylage and greenchop.



Rating scale: 1-9

1 - not recommended / 9 - excellent



Kody Kajewski

DALBY, QLD

"...The cows will sniff out a bale of FlexiGraze over the Nudan."

FlexiGraze™ For Hay And Grazing

During wet weather or when new cattle spend time in the yards, Kody Kajewski grows forage sorghum on his property near Dalby, Queensland, to sell to the local hay market and feed his own stock.

Despite having the option of irrigation, the summer growing season in 2021 was so wet he didn't require it.

In his selection process, Kody looks for fine stem varieties that produce as much bulk as possible off the paddock. In past summers, "Nudan" has been the mainstay of his program. Kody allocated a small spot for some "FlexiGraze™" to go in beside.

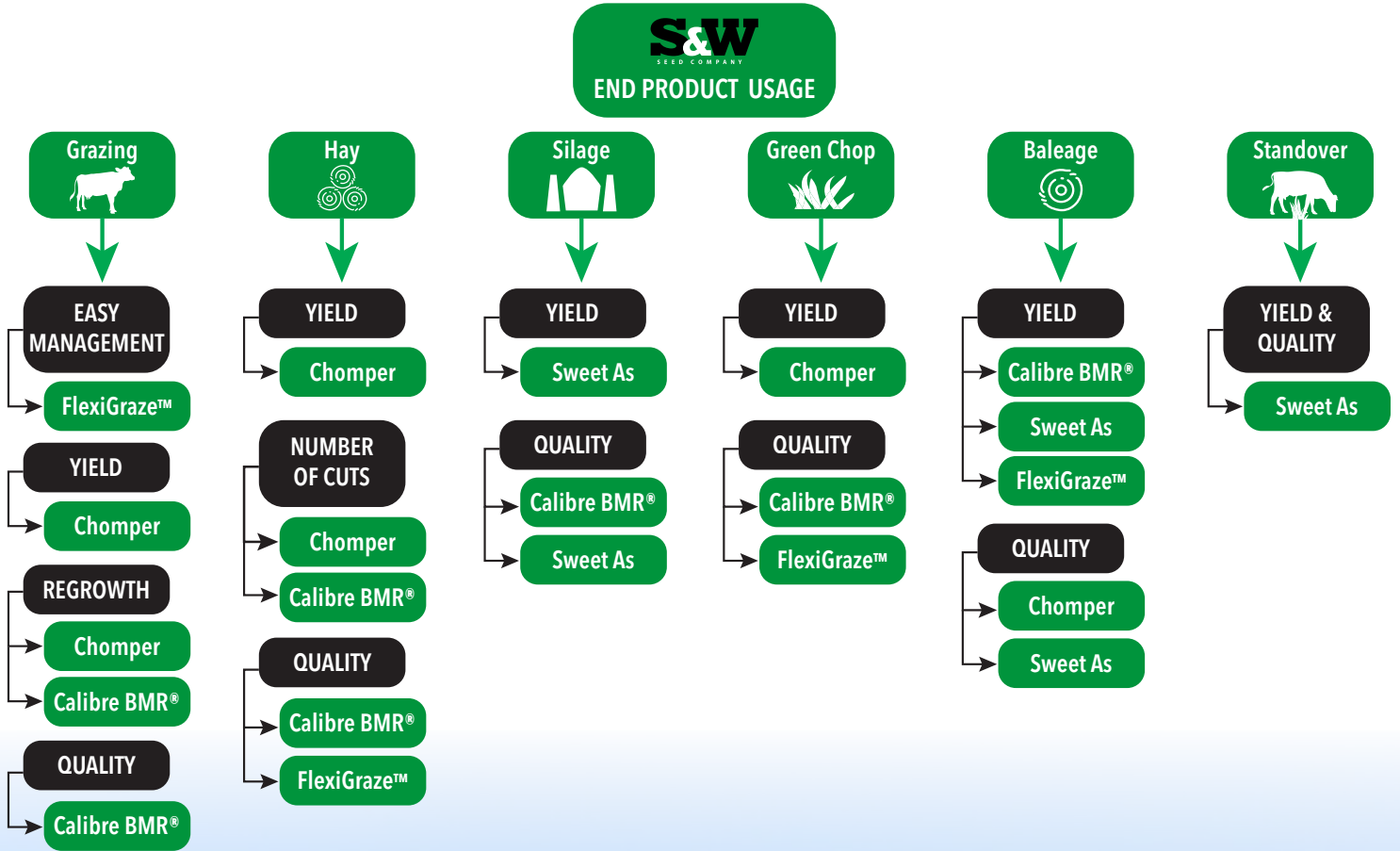
In late November, planting began with decent early rains leading to a successful start, and wet conditions continued throughout the growing season. The first cut was baled in February with a lucky break in the weather, allowing the 4x4 round bales to be taken off the paddock and stored.

In the first cut yield data, "Nudan" led, but the second cut later in the season was where things got interesting.

"The FlexiGraze™ recovered quickly from the cutting and shot away again with lots of tillers," claimed Kody. On the 2nd cut, he found the FlexiGraze™ had evened up the score. "Best of all the FlexiGraze™ didn't push out all the heads as the Nudan had," said Kody. The FlexiGraze™ demonstrated the "photo period sensitivity" trait of this variety.

"Interestingly, we also find the cows will sniff out a bale of FlexiGraze™ over the Nudan when we put them in the hay feeder. They really demolish it," Kody noted. "We also found this on the piece we grazed where the cattle chewed it right to the ground, even when there was green grass on the edges of the paddock."

Choose your ideal Forage Sorghum to best suit your needs...



CLOVER & PASTURE LEGUMES

Renegade Red Clover

Big yielding, short-term red clover

Features & Benefits:

- Tetraploid type
- Erect growing 'hay type'
- High yielding
- Good disease tolerance
- Excellent hay type for top end forage yield and annual mixes



Seed rate	kg/ha
Dryland	3-4
High rainfall/Irrigation	5-8

Seed treatment*

Goldstrike®

Casper White Clover

Early maturing variety with large leaf size

Features & Benefits:

- Early maturing variety
- Large leaf trait
- Excellent permanent pasture option
- Quick recovery from grazing, suits rotational grazing systems with a grass base



Seed rate	kg/ha
Dryland	3-4
High rainfall/Irrigation	5-8

Seed treatment*

Goldstrike®

Jumbo White Clover

Late maturing 'Ladino' type

Features & Benefits:

- 'Ladino' type with large leaves
- Excellent recovery from grazing
- High heat tolerance gives 'year-round' production
- Highly digestible feed for animal performance



Seed rate	kg/ha
Dryland	3-4
High rainfall/Irrigation	5-8

Seed treatment*

Goldstrike®

Riesling White Clover

Early maturing variety with high stolon density

Features & Benefits:

- High stolon density
- Strong root system
- Highly persistent in higher rainfall environments
- Highly digestible forage



Seed rate	kg/ha
Dryland	3-4
High rainfall/Irrigation	5-8

Seed treatment*

Goldstrike®

FORAGE HERBS & BRASSICA



Compass Chicory

Chicorium intybus

SHORT TERM CHICORY

Seeding Rate	kg/ha	Seed Treatment*
Dryland	3	None / XLR8™ optional
High Rainfall/Irrigation	5	

Features & Benefits

- Short term type
- Excellent establishment vigour
- High digestibility and preferred intake
- Lowers bloat potential in pasture mixes



Ranger® Plantain

Plantago lanceolata

PERENNIAL GRAZING PLANTAIN

Seeding Rate	kg/ha	Seed Treatment*
Dryland	1-3	None / XLR8™
High Rainfall/Irrigation	4-8	

Features & Benefits

- Nutrient accumulator
- Highly palatable and digestible forage
- Improved livestock weight gains
- Excellent source of trace elements and drenching properties



Balance® Chicory

Chicorium intybus

TRUE PERENNIAL-TYPE CHICORY

Seeding Rate	kg/ha	Seed Treatment*
Dryland	3	XLR8™
High Rainfall/Irrigation	5	

Features & Benefits

- True perennial type
- Highly digestible dry matter
- Excellent pasture mix option
- Lowers bloat potential in pasture mixes



Samurai White Mustard™

Sinapis alba

EARLY/MID MATURING FLORAL RESOURCE

Seeding Rate	kg/ha	Seed Treatment*
Dryland	2-8	XLR8™ optional
High Rainfall/Irrigation	8-20	

Features & Benefits

- Abundant floral production
- Sustained flowering period
- High levels of attraction to bees and other beneficial insects
- Additional soil borne disease mitigation



Bouncer Hybrid Forage Brassica

Brassica napus

EARLY-MATURING HYBRID FORAGE BRASSICA

Seeding Rate	kg/ha	Seed Treatment*
Dryland	3	None / XLR8™ optional
High Rainfall/Irrigation	5	

Features & Benefits

- Leafy turnip
- Very quick to graze, 5 weeks from emergence
- Quick to recover from grazing
- No ripening of forage required before grazing



Smart Radish

Raphanus sativus L

TILLAGE TYPE RADISH WITH 'PULL-DOWN' BULB

Seeding Rate	kg/ha	Seed Treatment*
Dryland	5	Fungicide / XLR8™ optional
High Rainfall/Irrigation	8	

Features & Benefits

- 'Pull-down' bulb grows further into the ground
- Very quick to establish
- Increases water infiltration in soils and reduces compaction
- Highly digestible forage source



Subzero Hybrid Forage Brassica

Brassica napus

LONG SEASON WITH COLD TOLERANCE

Seeding Rate	kg/ha	Seed Treatment*
Dryland	5	XLR8™
High Rainfall/Irrigation	8	

Features & Benefits

- Leafy rape
- Withstands frosts as a mature plant
- Spring or autumn sowing option
- Quick to establish
- Nine weeks to first grazing



Surge Buckwheat™

Fagopyrum esculentum

EARLY VIGOUR COVER CROP

Seeding Rate	kg/ha	Seed Treatment*
Dryland	40-60	XLR8™ optional
High Rainfall/Irrigation	60-80	

Features & Benefits

- Scavenger of phosphorous and calcium
- Quality weed suppressant
- Attractive to bees with prolific flowering capacity and high nectar flow
- Fast establishment

SUNFLOWER

SuperSun 66 Sunflower

Hybrid polyunsaturated black seeded sunflower.

RATING SCALE

Standability



Disease resistance



Adaption



Weed competitiveness



Grown on soil moisture



Irrigation



TSV resistance



Rating scale: 1-9

1 - not recommended / 9 - excellent



Proven to perform under marginal dryland in tough seasonal conditions



Semi pendulous head reduces sunburn, head rot and bird damage



Excellent yield potential under favourable conditions with access to premium human consumption markets (dehulling)

Seeding Rate

	kernels/ha
Marginal dryland	25,000-35,000
Dryland	35,000-45,000
High Rainfall/Irrigation	55,000-65,000

Seed Treatment

Cosmos Insecticide

SOWSMART BLENDS

Spring Silage SOWsmart® Blend

Min Rainfall (mm)	350
Soil Type	Suitable to most
Seeding Rate	120-180 kg/ha
Usage	Fodder conservation

S&W Overland™ Forage Oats	50%
Forage Peas	50%



GRAIN SORGHUM

Tanami Grain Sorghum



- M Medium - quick maturity red grain sorghum
- Low tillering with excellent flag leaf separation
- Best suited for stored soil moisture or "watered up" irrigation situations due to lower tillering

Features & Benefits:

- Highly drought tolerant
- High yield with good level midge resistance
- Semi-Compact head type
- Good head exertion allowing easy harvest

Seed rate

Marginal dryland	kg/ha	1.5-2.5
Dryland		2.5-5
High rainfall/Irrigation		4-6
Soil temp for optimal establishment		16°C↑

Seed treatment*

Enhanced

Usage

Feed and grain.

RATING SCALE

Midge rating



Stability



Seedling vigour



Grain size



Tillering



Irrigation

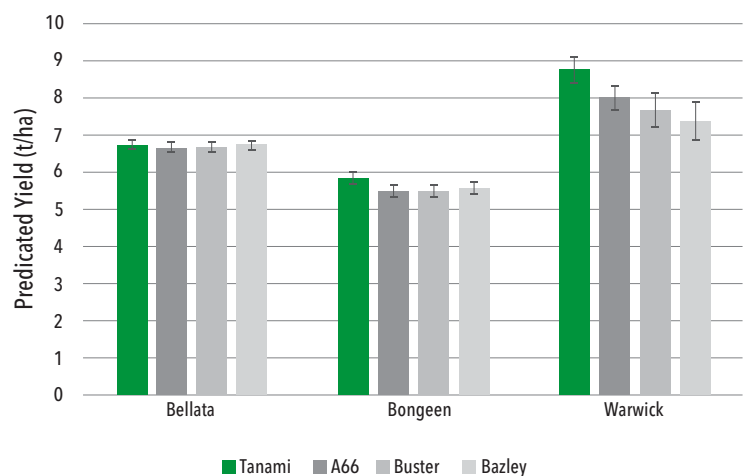


Rating scale: 1-9

1 - not recommended / 9 - excellent



TRIAL RESULTS



Data collected as part of the S&W Seed Company Australia Research and Development program

GRAIN SORGHUM

Gibson Grain Sorghum



- Medium maturity red grain sorghum
- Moderate tillering with larger grain size & higher grain test weight
- Will benefit from late rain or supplementary irrigation to maximise grain size

Features & Benefits:

- Good head exertion
- High yield with excellent midge resistance
- Semi-Compact head type
- Drought tolerant
- Highly adapted to most grain sorghum growing regions

Seed rate

Marginal dryland	1.5-2.5
Dryland	2.5-5
High rainfall/Irrigation	4-6
Soil temp for optimal establishment	16°C↑

Seed treatment*

Enhanced

Usage

Feed and grain.



RATING SCALE

Midge rating



Stability



Seedling vigour



Grain size



Tillering



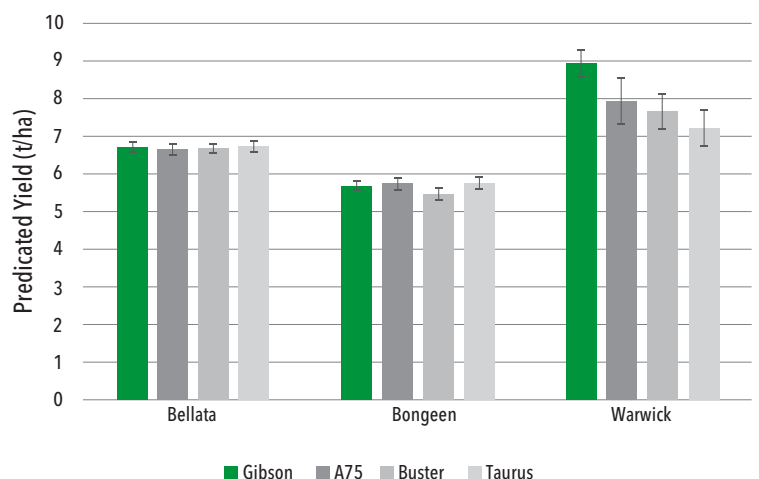
Irrigation



Rating scale: 1-9

1 - not recommended / 9 - excellent

TRIAL RESULTS



Data collected as part of the S&W Seed Company Australia Research and Development program

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*S&W Seed Treatments:

XLR8™ includes: Poncho Plus®

Goldstrike® includes: rhizobia inoculation, micronutrient package, Aprin® XL fungicide

Standard includes: Thiram®

Enhanced includes: Thiram®, EpivioC®, Cruiser 350FS®