

# GROW

Carrs' Seeds Latest News  
November 2020

## Trading Hours

Mon - Fri  
8.30am - 5.30pm

## NEW Seed Varieties

### Barley

**Maximus CL barley** will be replacing Spartacus CL. It is higher yielding, more competitive and has a better overall disease tolerance. Like Spartacus, it has strong lodging tolerance and short coleoptile length, however head loss risk is lower. It has the potential to be malt with the earliest accreditation in March 2021. EPR of \$4.25/tonne + GST

The new **Clearfield compass type (IGB1908 OR IGB1967)** is predicted to be a very popular barley variety. As indicated by the name it is very similar to Compass in both yield and agronomic characteristics with good grain plumpness. Maturity is classified as quick-mid. It is only available for planting as a feed variety in 2021.

**Beast barley** is a compass type which is suited to the low to medium rainfall environments. It has great early vigour, good grain size and performs well in tight finishes. It is a potential malt variety and has an EPR of \$4/tonne + GST

**Laperouse barley** is a mid-maturing variety with the potential for early sowing. It is being released as a feed variety with the potential to be malt. It is suited to the medium to high rainfall environments. Other attributes include good straw strength and lodging resistance and good net blotch resistance. EPR of \$3.80/tonne + GST.

### Wheat

**Ballista** is an AH quality wheat and has a quick-mid maturity. It isn't as quick as Vixen but earlier than Scepter. Data shows an improvement in yield over Scepter and Vixen in the Mallee and it also has better CCN resistance than Vixen. EPR of \$3.50/tonne + GST.

**Rockstar wheat (AH)** is a mid-slow variety with a similar maturity to Trojan. It is well suited to early sowing with a moderate plant height. It also offers good stem rust, stripe rust and yellow leaf spot resistance. EPR of \$3.25/tonne + GST.

**Catapult wheat** is classed as a mid-slow AH variety. It is a very late variety for our area being later than Trojan and Rockstar. It is an excellent choice for dry sowing due to its flexible sowing date. It also has good pre-harvest sprouting tolerance. EPR of \$3.25/tonne + GST.

**Denison wheat** is a cross between Mace and Corack. This APW variety is slow-very slow maturing, fitting mid-April sowing. EPR of \$3.40/tonne + GST.

**Hammer CL wheat** is the highest yielding AH clearfield variety. It has a quick-mid maturity and is closely related to Mace. It also has good disease resistance to CCN and yellow leaf spot. EPR of \$4.25/tonne + GST.

## DIARY DATES

Disease & Resistance  
Workshop

Cummins  
23rd & 24th Nov

Agronomists and grain growers are invited to discuss the cutting edge of cereal and canola disease and fungicide resistance management in a 2-day GRDC-supported workshop, brought to you by the Australian Fungicide Resistance Extension Network (AFREN).

Contact

[erica@icanrural.com.au](mailto:erica@icanrural.com.au)  
to Register

November 2020

MO	TU	WE	TH	FR	SA	SU
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6



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## NEW Seed Varieties cont.



The new **44Y94 canola** is replacing 44Y90 for the 2021 season. It is higher yielding and offers similar agronomic traits. It is, however, slightly shorter in height and has an added blackleg resistant group, C.

**HyTtec Trifecta canola** was released last year and is one of the top yielding TT varieties with great early vigour. It is a mid-maturing variety and is group ABD for blackleg resistance. EPR of \$10/tonne + GST.

**Enforcer CT canola** is a Clearfield + Triazine tolerant hybrid due to be released next year. It has blackleg resistance groups ABDF and has a high yield potential with an early-mid maturity.

**44Y27 RR | Roundup Ready Hybrid** variety that is a 3-4 Maturity (Early to Early -mid ), with blackleg resistance rating R/MR-R, blackleg group **B** . Very high yield .

**45Y28 RR | Roundup Ready Hybrid** variety that starts flowering between 45Y93 & 45Y91, with blackleg resistance rating MR-R , blackleg group **BC** .

**Hyola® 410XX** Early – Mid Truflex® Suited to the low to medium rainfall zones. Blackleg rating R-MR, grouping ABD. Similar in yield to 44Y90.

**Xseed Condor (Truflex)** is a mid maturity Hybrid variety with a blackleg rating of R and blackleg group of ABD. Condor has the benefits of Truflex herbicide technology.

**Xseed Raptor (Truflex)** is an Early Mid Hybrid variety with a blackleg rating of R and blackleg group of AD . Raptor has the benefits of Truflex technology to give you a wider spray window.

**Hyola Garrison XC canola** is a Clearfield + truflex hybrid. The truflex technology allows up to 3 applications (rate dependant) of glyphosate up to the start of flowering. It has a quad-gene blackleg grouping of ABDF. It is early-mid maturity and has good lodging resistance.



**Kingbale oats** are the world's first imi-tolerant oat variety. They are a tall, mid-maturing variety with good early vigour. Kingbale have a similar disease and agronomic profile to Wintaroo. There is currently limited yield data and seed will be available in 2021, pending a Sentry registration.

**PBA Kelpie XT** are a large red **lentil** with tolerance to imi herbicides. It is an early-mid maturity and has good early vigour. It's most appealing attribute is that it is the highest yielding imi-tolerant variety in our environment.

**Coyote** are the latest **lupin** variety to hit the market. They are metribuzin tolerant and have a 12% yield increase over Jurien and Mandelup. The maturity is slightly later than Mandelup. EPR of \$3/tonne + GST.



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Pasture

New **Seraph SU Strand Medic** (Trialled as PM250) which also has useful Powdery Mildew Resistance. Tolerant to SU herbicide residues, quite a unique feature for a pasture species being more compatible after a Clearfield crop if residues are an issue. Hard seeded and once established will self regenerate. Suits alkaline sandy loams in areas of annual rainfall >275 ml.

**Kraken Forage Barley** is a direct Moby replacement. Kraken is a 2 row, white seeded awn less forage variety with good early vigour and elite tillering.

**Studenica Vetch** is a unique white flowered vetch with tremendous early vigour and much improved winter production suited to frosty short season areas 250mm+ rainfall, it features fantastic early vigour, Seedling frost tolerance with White flowers from 'Blancfleur' parentage.

*This year there are too many new seed varieties to have a complete list in our newsletter, these are some that grabbed our attention. If you would like some information on which varieties would suit your farming system, please give us a call on the numbers below;*

Office | 08 86762016 |

Agronomists Denis Pedler 048 762016 | Bridget Heal 0429 435 529 |



## - Frost -



The photo to the left shows some frost affected wheat grain collected north of Karkoo.

As you can clearly see the grain is shrivelled and deformed, it also has a spongy feeling when squeezed and does not exude any milk or dough.

Other symptoms of frost include; tan coloured anthers that are banana shaped, they should normally look bright yellow and straighter.

Frost affected ovaries are a dull brown when they should be a bright white. A healthy stigma is normally white and feathery, when frost affected it has a crumpled appearance. The wheat head will also appear bleached.



The photo above is of healthy plump grain, as you can see, they are green in colour and when squeezed exude milky dough.



PIONEER® BRAND

## SUPER SWEET SUDAN

A unique Australian product, bred for Australian conditions.

### NEXT GENERATION HYBRID:

Pioneer® brand hybrid Super Sweet Sudan (SSS) is quick to graze and sustains multiple and intensive grazing. SSS produces high quality hay and round bale silage suitable for sheep and cattle. Adaptable for early or late planting.

### KEY FEATURES

- **Grow more with less** – High quality, smaller seed means you plant more hectares with less kilograms
- **Wide area adaption**
- **Very fast growth and regrowth**
- **Prolific tillering habit**
- **Superfine stems**
- **Super sweet and leafy**
- **Super high-quality hay**
- **Highly palatable** at all stages of maturity and growth
- **Suited for dryland situations** and intensive irrigation

### PRIMARY USE:

Cattle and sheep plus intensive or non intensive grazing produces highly palatable hay plus round bale silage.

Early seedling vigour	7
Beef grazing	9
Dairy grazing	9
Sheep grazing	9
Hay making	9
Fast feed	9
Late Summer/carry over feed	7
Pit silage	5
Round bale silage	9

**RATING:**  
1 = poor  
9 = excellent



## ARE YOU PREPARED?

*SmartBar* Fire Fighter Units are made to be durable, versatile and easy to use.

Designed to fit and slip onto most standard and one tonne utilities, they are portable via your vehicle to ensure that you will have a rapid response wherever the fire may be.

They are supplied with a Davey pump and Honda 5.5hp motor (single or twin propeller), with a three-way ball valve for quick suction change over.

Designed to suit your needs, our Fire Fighter Units are available in 400L or 600L and also as a bare unit. 400L and 600L bare unit tanks come with a screw on lid, breather and spill catchment area.

Each of our units also include moulded handles, tie down points and a storage shelf for gloves and masks.

PLANT TYPE AND PLANTING INFORMATION				
	Genetic type hybrid	Approximate time to flower	Soil temperature required for sowing	Seed count (seeds/kg)
SSS	sweet sudan x sudan	57-62	15°C+	77,500 to 96,000 seeds/kg

PLANTING RATES			FEED QUALITY	
Marginal Dryland	Favourable Dryland	Irrigated	Initial grazing height	Regrowth grazing
2-5 kg/ha	6-12 kg/ha	12-20 kg/ha	50-80 cm	70-110 cm

SSS has been developed in Australia for local conditions. It is the only true super sweet sudan-by-sudan hybrid forage on the market in Australia. Since 2012 this unique product has proven that it has wide area adaptability and flexibility due to the highly palatable sweet stems and excellent leaf mass at all stages of maturity. These features give you grazing and haymaking flexibility that other summer forages will struggle to match.

Studies have shown that sudan-type forages pose a lower risk of prussic acid toxicity to livestock than sorghum or sorghum-cross type forages giving even more flexibility to your grazing or haymaking operations.

With SSS requiring soil temperatures at planting of 15°C and rising, it is an excellent early plant option. Quick early growth means fast to graze and fast regrowth will provide multiple sweet fine-stemmed tillers. SSS has the ability to maintain multiple grazings for sheep and cattle while also providing the opportunity to make high quality hay. For best weight gains SSS should be initially grazed at 50-80 cm tall. Either stock with high animal numbers or strip-graze the paddock for best results. Unlike many other summer forages, if you do find yourself in the position where a field is going to head due to an unforeseen delay in grazing, the SSS is usually still very palatable due to the super sweet fine stems.



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