



NEW GRAIN VARIETIES

Main Season Wheat

Vixen. An AH quality wheat with stable grain quality in tough years that rivals Scepter as a variety. Ideal sowing window is mid to late May. Disease profile is MRMS to Stripe Rust, Stem Rust and Yellow Leaf Spot. This variety is however susceptible to CCN.

Devil. Exceptional yield potential AH wheat, very similar to Scepter. Broadly adapted and excellent performance in long-term InterGrain and NVT trials, particularly in 2018. AH(N) – Australian Hard Noodle classification – advantageous where segregation and potential pricing premiums are available. Strong yellow spot resistance (MRMS) and good stripe rust (MR) resistance. Very good physical grain characteristics. Similar grain size to Scepter and hectolitre weights similar to Mace

Rockstar (Intergrain) and Catapult (AGT): These two are grouped together because they are almost identical in their profile. Both are mid to late maturity for a late April early May sowing and looking to replace Trojan in the higher rainfall areas. They are AH quality (an improvement over trojan) with a stable top end yield and good resistance to stem rust, stripe rust, CCN and yellow leaf spot with septoria resistance rating okay (MSS)

Long Season Wheat

RGT Accroc; is a bearded, medium-long growing season winter wheat with potential for high yields in the medium and high rainfall zone. Its combination of earlier maturity, high yields and good grain quality has made it desirable for growers in this region. The variety has a good disease resistance profile with very good resistance to stripe rust and good resistance to wheat stroke mosaic virus. With short stiff straw, harvest quality is good producing large bold grain with a high thousand grain weight.

SF Adagio; is a bearded, medium-long growing season winter wheat developed for southern Europe, with a potential for high yields and good protein in the medium and high rainfall zone. Good BYDV resistance with excellent leaf and stripe rust resistance. Stem rust will need to be managed in prone areas.

DS Bennett; is a high yielding awnless winter wheat with an ASW classification in VIC, southern NSW and SA. Is ideal for graze and grain production with the ideal sowing time from mid-March through to May. Good disease resistance package.

Barley

IGB1709T CL - Exceptionally high yielding, early to mid-flowering, potential malt, imidazolinone (IMI) tolerant barley. Represents an overall improvement compared to SPARTACUS CL for disease resistance. Good net form net blotch resistance and scald resistance. Improved spot form net blotch resistance. Strong lodging tolerance and a low-medium head loss risk. Excellent grain plumpness (larger than SPARTACUS CL) and hectolitre weight. **Seed will be available to growers in 2021.** Has been accepted into the Barley Australia malt accreditation program, with earliest potential accreditation in March 2021

RGT Planet; is a high yielding spring barley introduced into Australia in 2017 with huge top end yield. It has a strong agronomic package that combined with its yield potential makes it a great economic option for Australian barley

growers. Received malt accreditation early 2019. Its downfalls are a susceptibility to net form net blotch in favourable conditions (controlled easily enough using a robust fungicide strategy) and a tendency to high screenings in tight finishes.

Bottler; is a new high yielding, mid to long season malt barley. It is a high fermentability malting type barley with medium height straw. Bottler has shown adaptability to a range of HRZ and MRZ environments and has proven high yield potential. It exhibits resistance to Powdery Mildew and Net Form of Net Blotch.

Canola Clearfield

Saintly CL is a new Clearfield hybrid Canola previously known as HSHC1503CL from Heritage Seeds. Saintly CL is a mid to early-mid maturity option expected to be a direct competitor to Hyola 575CL and 44Y90 (CL). Saintly CL offers an exciting combination of outstanding yield potential, high oil percentage and reliable blackleg package.

45Y93 CL This early flowering mid maturity Y Series® hybrid exhibits extremely high yield potential to set a new benchmark in this segment. The early flowering mid maturity makes this hybrid a perfect choice for high yielding environments with the tendency to see heat during flowering.

45Y93 replaces 45Y91, is recommended for plantings with a cooler, longer finish

Canola – Mid Season Triazine Tolerant

HyTtec Trophy: An early-mid maturing canola which has shown exceptional yield performance against both current hybrid and open-pollinated TT varieties.

HyTtec Trident is an early variety very similar in profile to Trophy

InVigor T4510: Outperforming other Triazine Tolerant hybrids, in both favourable and tough conditions. Good alternative to Bonito, Stingray, 44T02. Exceptional vigour, with an early-mid maturity, ideal in a medium rainfall situation.

HYOLA 559TT: Hyola 559TT has shown to be one of the most adapted and popular triazine tolerant hybrids across the 1.5t/ha to 2.5t/ha environments around Southern Australia. It has shown multi-seasonal adaptation with a very high oil content to provide growers with a complete agronomic package.

SF Turbine TT and Ignite TT: The first in a new series of TT hybrids to be introduced by Seed Force with a BF resistance group. SF Turbine TT is a mid to early maturity and has excellent early vigour and gets up and establishes quickly for maximum weed competition. SF Ignite is later maturity, with better top end yield to suit the higher rainfall areas.

Faba Beans

PBA Bendoc: This cultivar can tolerate **some** group B chemistry, increasing the ability to control various broad leaf weeds in crop, or sow into soils holding group B residues. Bendoc is also considered resistant to Ascochyta Blight, producing small to medium sized seeds suited to Middle East market requirements.

PBA Marne: A high yielding, early flowering variety, perfect for areas with a short season that may be prone to heat and moisture stress. Resistant to pathotype 1 Ascochyta. Medium plant height with good standability. Medium sized seed well suited to the middle east markets.

PBA Amberley (New) is a mid-season flowering faba bean that has high yield potential in the higher rainfall areas. It has a greater level of resistance to chocolate spot than all current varieties and is also resistant to both pathotypes 1 and 2 of ascochyta blight. This improved resistance offers the potential to reduce the risk and cost of faba bean production in high rainfall areas where foliar fungal diseases are a major constraint. Seed is light brown and medium in size and suitable for co-mingling with the current faba bean varieties for export to the major food markets in the Middle East.

Field Peas

Butler and Pearl continue to exhibit high yields, now being considered the industry standards.

PBA Pearl: Pearl is a semi-leafless and semi dwarf variety with an erect growth habit. This cultivar has good early vigour with flowering occurring early to mid-season. This is considered a low risk option for those who experience Bacterial Blight when compared to Kaspera, however is not as tolerant as Percy. Pearl also has good lodging resistance.

PBA Butler: Similar seed and plant features to Kaspera with high levels of Bacterial Blight Resistance (same as PBA Ora). Butler exhibits vigorous plant growth, high yielding capacity and broad adaptation. It is considered a semi-leafless, semi-dwarf cultivar with a mid to late flowering window and early maturity. This cultivar is considered resistant to pod shatter with superior grain quality marketable as a 'Kaspera type'.

Lentils

PBA Hallmark XTA is the highest yielding herbicide tolerant lentil; 5-12% long term yield advantage over PBA Hurricane XTA. Hallmark and Hurricane have similar herbicide tolerance. Tolerant to applied imazethapyr at label rate. Improved tolerance to applied flumetsulam. Improved tolerance to residual levels of su and imi herbicide. High early vigour. Mid flowering, mid maturity. High resistance to botrytis grey mould (R/MR). Moderate resistance to ascochyta blight

Lupins

Coyote. A higher yielding alternative to Juriein and Mandelup, being widely grown across WA already.

PBA Bateman. A narrow leaf lupin originating from the Eastern states. This is an early flowering variety with good resistance to pod shattering. Bateman has been considered the benchmark for yield in high rainfall zones.

Oats

Kowari is a dwarf milling oat variety bred out of the Matika line by SARDI and released in 2017. Kowari has improved B-glucan content (5.2% (DM basis) compared to 4.4% for Mitika), lower screenings than all other varieties, good 1000 grain weight, high protein and groat percentage and a competitive grain yield. Low hull lignin also means it is one of the better choices for use as a stockfeed, with increased weight gain over high lignin varieties.

Bilby is available for the 2020 growing season and looks to have a very similar profile to **Kowari**, with a slightly higher yield potential in the higher rainfall areas. Has not been approved with milling classification in SA yet, but has classification in WA and it should only be a matter of time.

By Michael McGurk

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