2019 — 2020 Victoria Variety Guide

AGT

Constantly searching for better field crop varieties.

Our work at AGT is a search for the exemplary.

An intensive process of inter-crossing, field and laboratory experimentation, data collection and analysis, and genetic selection over many years culminates in the creation of each of our new field crop varieties. This exhaustive and innovative process leads to new varieties that greatly impact upon the profitability, sustainability and prosperity of grain growers all over the country.

Contents

Varieties displaying the ℗ symbol are protected by Plant Breeders Rights (PBR) and all production (except seed saved for planting) is liable to an End Point Royalty (EPR), which funds future plant breeding. Growers of PBR protected varieties will be subject to a Growers License Agreement that acknowledges that an EPR has to be paid on all production other than seed saved for planting.

Variety data

Wheat Yield

NVT long term MET analysis 2014-2018
Grain yield as % of region average

		Main Season Series				Early Sown Series		Long Season Series
		Mallee	Wimmera	North Central	North East	North East	South West	South West
Early and mid maturities	Arrow®	104	105	102	101			
	Chief CL Plus®	98	99	99	101			
	Corack®	101	104	103	102			
	Grenade CL Plus®	98	96	96	95			
	Havoc®	98	103	100	100			
	Kord CL Plus®	98	95	98	96			
	Razor CL Plus®	106	107	100	100			
	Vixen®	115	114	109	109			
	Wallup®	93	96	97	98			
Mid and late maturities	Beckom®	108	107	108	109	108	107	
	Catapult®*	113	108	108	108	115	114	
	Coolah®	97	94	103	103	106	103	
	Cutlass®	105	101	105	107	108	107	103
	Derrimut®	101	98	99	99		97	
	Elmore CL Plus®	99	95	98	98	99	97	
	Scepter®	114	111	110	109	109*	106*	
	Scout®	103	102	104	105		101	
	Sheriff CL Plus®	105	104	102	102		102	
	Trojan®	107	107	105	106	109	107	109
	Yitpi®	98	95	97	97			
Winters	EGA Wedgetail®			99	99	94	98	98
	Illabo®					101	106	106
	Longsword®					101	104	95
	Kittyhawk®			91	90	93	97	99
	Trial mean (t/ha)	2.5	4.1	4.0	4.7	5.0	5.6	5.4

MET Multi Environment Trial, a comprehensive statistical analysis across sites and years used to predict the performance of varieties over a broad range of growing conditions.

* Yield based on one year of data.

NVT National Variety Trials, a national program of comparative crop variety testing with standardised trial management, data generation and collection, funded by the Grains Research & Development Corporation (GRDC).

Disease, agronomic and grain quality ratings

		Quality Classification	Stem Rust	Stripe Rust	Leaf Rust	Yellow Leaf Spot	Septoria Tritici Blotch	Powdery Mildew	CCN	Crown Rot	Black Point	Acid Soils	Height	Lodging	Sprouting
Early and mid maturities	Arrow(ф)	AH	S	S	SVS	MRMS	S	SVS	MS	S	MS	MTMI	Short-Medium	MR	S
	Chief CL Plus(ф)	APW	MR	S	MR	MRMS	MSS	SVS	MS	MSS	MS	—	Medium	MR	S
	Corack(ф)	APW	MR	MS	SVS	MRMS	S	SVS	RMR	S	S	TMT	Short-Medium	MR	S
	Grenade CL Plus(ф)	AH	MR	MRMS	S	S	S	MSS	R	S	MSS	TMT	Medium	—	S
	Havoc(ф)	AH	S	MR	S	MRMS	S	S	S	S	MS	MTMI	Short	MR	S
	Kord CL Plus(ф)	AH	MR	MRMS	MS	MSS	MSS	MSS	MR	S	MRMS	MT	Medium	—	SVS
	Razor CL Plus(ф)	ASW	MRMS	MS	S	MSS	SVS	MSS	MR	S	MS	TMT	Short-Medium	MR	MSS*
	Vixen(ф)	AH	MRMS	MRMS	SVS	MRMS	S	SVS	S	S	MS	—	Medium	MR	—
	Wallup(ф)	AH	MRMS	MRMS	SVS	MSS	S	MR	MR	S	MSS	I	Medium	MR	S
Mid and late maturities	Beckom(ф)	AH	MRMS	MRMS	MSS	MSS	S	S	R	S	MRMS	TMT	Short	MRMS	MSS
	Catapult(ф)*	AH	MR*	MRMS*	S*	MRMS*	MSS*	S*	—	—	—	MT	Medium	—	—
	Coolah(ф)	AH	MR	RMR	MR	MSS	MSS	MSS	S	MSS	S	MT	Medium-Tall	MRMS	S
	Cutlass(ф)	APW	RMR	MS	R	MSS	MSS	MSS	MR	S	MS	TMT	Medium-Tall	MRMS	S
	Derrimut(ф)	AH	MR	MSS	MSS	S	SVS	MSS	R	MSS	MSS	—	Short-Medium	MRMS	S
	Elmore CL Plus(ф)	AH	MR	MRMS	RMR	S	MSS	MS	S	S	MS	I	Medium	MRMS	S
	Scepter(ф)	AH	MRMS	MSS	MSS	MRMS	S	SVS	MRMS	S	MS	TMT	Medium	MR	MSS
	Scout(ф)	AH	MRMS	MS	MS	SVS	S	MRMS	R	MSS	S	MTMI	Medium	MRMS	MS
	Sheriff CL Plus(ф)	APW	MS	MSS	SVS	MRMS	S	SVS	MS	S*	MRMS	—	Medium	MR	—
	Trojan(ф)	APW	MRMS	MR	MR	MSS	MS	S	MS	MS	MS	MTMI	Medium	MR	MSS
	Yitpi(ф)	AH	S	MRMS	S	SVS	MSS	MS	MR	S	MS	TMT	Medium-Tall	MS	MS
Winters	EGA Wedgetail(ф)	APW	MRMS	MS	MSS	MSS	MSS	—	S	S	MS	TMT	Medium	MR	S
	Illabo(ф)	AH	MS	RMR	S	MS	MSS	MRMS	MS*	S*	MRMS	MT*	Short	MR*	S*
	Longsword(ф)	FEED	MR	MR	MSS	MRMS	MSS	MRMS	MRMS	S	MS	MT*	Medium	MR	—
	Kittyhawk(ф)	AH	MRMS	RMR	MS	MRMS	MRMS	MS	S	SVS	MRMS	MTMI	Medium	MR	S

R Resistant
MR Moderately Resistant
MS Moderately Susceptible
S Susceptible

VS Very Susceptible
T Tolerant
MT Moderately Tolerant
MI Moderately Intolerant

I Intolerant
VI Very Intolerant
* Provisional ratings

Source / NVT and AGT data.

Durum Yield

Yield and disease resistance ratings
NVT long term MET analysis 2014-2018
Grain yield as % of region average

	Yield - Wimmera (4.8t ave.)	Quality Classification	Stem Rust	Stripe Rust	Leaf Rust	Septoria Tritici Blotch	CCN	Yellow Leaf Spot	Crown Rot	Black Point
Aurora(ф)	105	ADR	RMR	RMR	R	MRMS	MSS	MRMS	VS	MSS
Bitalli(ф)*	110	ADR	MR	RMR	MR	MRMS	MS	MRMS	S	MRMS
Hyperno(ф)	103	ADR	RMR	MR	RMR	MRMS	MS	MRMS	SVS	MS
Saintly(ф)	102	ADR	MR	MR	MRMS	S	MS	MRMS	VS	MS
Spes(ф)	104	ADR	RMR	RMR	R	MRMS	MRMS	MRMS	VS	MS
Vittaroi(ф)	91	ADR	MR	MR	MR	MRMS	MSS	MRMS	VS	MSS
Westcourt(ф)*	108#	ADR	RMR	RMR	RMR	MRMS	—	MRMS	—	—

R Resistant
MR Moderately Resistant
MS Moderately Susceptible
S Susceptible
VS Very Susceptible
* Provisional ratings
# Yield based on one year of data

Source / NVT and AGT data.

Wheat varieties

Beckom®

- AH quality classification
- Mid-season maturity
- Very high and stable grain yield
- Acid soil (aluminium) tolerance
- Good resistance to stem and stripe rust
- Short conservative plant type

Beckom® is a high performing AH variety, particularly when used in an early to mid sowing window.

Beckom® offers some planting date flexibility as it has moderate photoperiod and vernalisation requirements, allowing growers to plant Beckom® confidently from the beginning through to the third week of May. Generally at a mid May planting at Roseworthy, Beckom® flowers five days later compared to Mace®.

Beckom® has moderate grain size, however screenings losses may become an issue in seasons when grain fill is curtailed by a combination of heat shock and drought stress. Appropriate time of planting is therefore important. Both AGT and NVT data suggest that sowing Beckom® in the first two weeks of May will maximise potential yield while reducing the risk of downgrading due to screenings losses. Short in height, Beckom® produces plants with moderate early vigour and straw strength, but with good threshability.

Tested as	V06008-14
Breeding	Young® as the major parent, Annuello and Stylet as minor parents
Released	Spring 2015
EPR	$3.25 + GST/tonne
Seed Availability	AGT Affiliates, Retailers, Seed Sharing™

Catapult®

- The highest yielding choice for late April sowing
- Very flexible sowing window
- Safer option for sowing dry when germination date is unknown
- Wide adaptation, will fit the front end of most growers' cropping programs
- Excellent choice for wheat on wheat situations
- Very good physical grain characteristics with an AH quality classification
- A great alternative to Trojan®, Cutlass® and Yitpi®

Sometimes in breeding, you get unexpected but very exciting results. Out of a standard Mace® cross, Catapult® (tested as RAC2484) has emerged as an exceptionally unique combination of features that we believe will help growers increase productivity, while providing flexibility that has not been available previously.

Growers are continually looking for earlier sowing options that don't compromise on yield, to compliment high yielding main season varieties like Scepter® so that an increase in over-all farm yield is achieved. Catapult® may be viewed as a 'longer season' Scepter®, allowing growers to achieve Scepter®-like yields when sown in late April. When sown around ANZAC day, Catapult® has consistently out-yielded Trojan®, Cutlass® and Yitpi® (and other varieties used in this sowing window). This very high yield potential relative to other varieties has been recorded across a large range of growing conditions and environments, highlighting Catapult's® very wide suitability for most cropping programs.

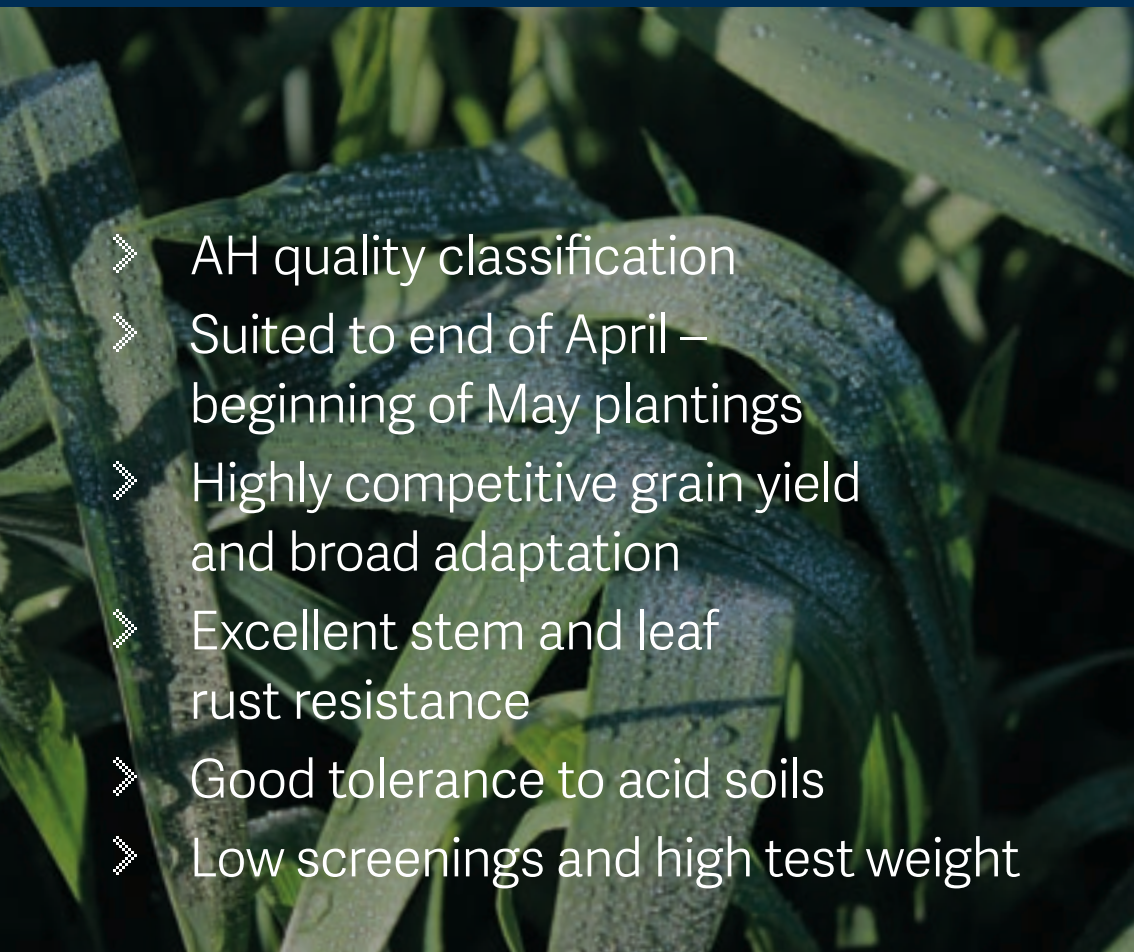
These days, much of the wheat crop is planted dry. In many instances germination of dry sown crops may be delayed considerably if the arrival of the break in the season is unknown, and therefore variety choice for these situations is very important. A variety like Catapult® is a great choice for dry sowing because it maintains its high yield over a wide range of germination dates, including well into May where it remains competitive with the benchmark variety Scepter®.

Catapult® is also one of the best choices for use in wheat on wheat rotations. Apart from Catapult®, there are no other wheat varieties that combine this maturity type with CCN resistance, yellow leaf spot resistance and AH quality. It's this unique combination that supports Catapult's® use as a second wheat in a rotation, a practice very common in low rainfall or Mallee type environments.

Catapult® is very closely related to Scepter® and shares its physical grain quality characteristics of high test weight, low screenings and AH quality classification.

Tested as	RAC2484
Breeding	Mace® x Corack®
Released	Spring 2019
EPR	$3.25 + GST/tonne
Seed Availability	AGT Affiliates, Retailers

Coolah$^{\Phi}$



- AH quality classification
- Suited to end of April – beginning of May plantings
- Highly competitive grain yield and broad adaptation
- Excellent stem and leaf rust resistance
- Good tolerance to acid soils
- Low screenings and high test weight

Coolah$^{\Phi}$ is a higher yielding alternative to the popular NSW variety EGA Gregory$^{\Phi}$. However it is also well adapted to mid-high rainfall areas of Victoria and backs up this adaptation with a solid disease package of resistance to each of the rusts and intermediate resistance to yellow leaf spot.

Coolah's$^{\Phi}$ current stripe rust resistance rating (RMR) is based on the commonly occurring stripe rust pathotype. However, a new stripe rust pathotype with virulence for the Yr33 resistance gene (which Coolah$^{\Phi}$ carries) was detected in 2017. Preliminary 2018 disease data from NVT pathologists have rated Coolah$^{\Phi}$ at a RMR resistance level to the new pathotype. However as this rating is preliminary growers are urged to monitor crops of Coolah$^{\Phi}$ for stripe rust throughout the season.

With tolerance to acid soils, Coolah$^{\Phi}$ has performed well across acidic, neutral and alkaline soils.

The maturity of Coolah$^{\Phi}$ is driven by moderate photoperiod and vernalisation requirements and can be safely sown in late April to early May in most environments. Sown in this window, Coolah$^{\Phi}$ will maximise early moisture availability whilst still avoiding most of the frost risk of mid spring.

Tested as	V07176-69
Breeding	EGA Gregory$^{\Phi}$ as the major parent and an AGT breeding line as the minor parent
Released	Spring 2016
EPR	$3.50 + GST/tonne
Seed Availability	AGT Affiliates, Retailers, Seed Sharing™

Cutlass$^{\Phi}$

- Maturity similar to Yitpi$^{\Phi}$
- Higher yielding than other mid-late maturing varieties
- CCN resistant
- Good stem and leaf rust resistance
- Boron tolerant
- Better yellow leaf spot resistance than Yitpi$^{\Phi}$
- APW quality classification

Modern farming systems call for a suite of varieties with a range of maturities in order to make use of suitable sowing conditions and to maximise yield. The mid maturing variety Scepter$^{\Phi}$ is the most popular wheat in farmer's paddocks at the moment, but what variety choices do you have when a mid to late April sowing opportunity presents itself, or when you know you need a later maturing variety to reduce your risk of frost damage?

Yitpi$^{\Phi}$ has been a favourite for over 15 years, but is now out-classed for yield. Estoc$^{\Phi}$ fits the maturity target, but is still substantially out-classed by Scepter$^{\Phi}$. Trojan$^{\Phi}$ is competitive for yield, but is not a true Yitpi$^{\Phi}$ maturity type.

We believe that Cutlass$^{\Phi}$ will fill the void for early sowing. Cutlass$^{\Phi}$, similar to Yitpi$^{\Phi}$, uses strong photoperiod sensitivity to maintain sowing date flexibility. In most areas, like Yitpi$^{\Phi}$, Cutlass$^{\Phi}$ should suit a sowing window from mid April to mid May.

Importantly, Cutlass$^{\Phi}$ is substantially higher yielding. From 2014 to 2018 in Victoria, Cutlass$^{\Phi}$ out performed Yitpi$^{\Phi}$ by 6-10%, depending on region. We believe that this yield, combined with better leaf rust, stem rust and yellow leaf spot resistance should make Cutlass$^{\Phi}$ a clear choice when picking a wheat for earlier sowing or frost avoidance. Cutlass$^{\Phi}$ is APW, but when its superior yield is considered, it is a better value option than either Estoc$^{\Phi}$ or Yitpi$^{\Phi}$.

Tested as	RAC2069
Breeding	Fang (a Spear type) as the major parent, Carnamah and Stylet as minor parents
Released	Spring 2015
EPR	$3.00 + GST/tonne
Seed Availability	AGT Affiliates, Retailers, Seed Sharing™

Illabo$^{\Phi}$

- Dual purpose winter wheat for grazing and grain production
- The highest yielding EGA Wedgetail$^{\Phi}$ alternative available
- AH quality classification
- Mid winter maturity, 2-3 days quicker than EGA Wedgetail$^{\Phi}$
- Excellent resistance to stripe rust
- Good resistance to black point and stem rust

Mixed farming has traditionally had a strong presence in many regions of Victoria. The mixture of cropping and livestock have benefited farmers, helping to improve profits while also assisting in risk management. Dual purpose wheats offer many benefits to farmers in a mixed enterprise, and EGA Wedgetail$^{\Phi}$ has been the variety of choice for many seasons now.

Illabo$^{\Phi}$ is the first variety to be released from our dedicated winter wheat breeding program at Wagga Wagga, and has been bred with the intent of offering growers an improved version of EGA Wedgetail$^{\Phi}$. The main improvement that Illabo$^{\Phi}$ offers over EGA Wedgetail$^{\Phi}$ is yield. In long term NVT early sown trials across Victoria, Illabo$^{\Phi}$ has outperformed both EGA Wedgetail$^{\Phi}$ and another EGA Wedgetail$^{\Phi}$ alternative, Kittyhawk$^{\Phi}$ by 7-8%. Illabo$^{\Phi}$ also offers an improved disease resistance package over EGA Wedgetail$^{\Phi}$, with better stripe rust and black point resistance.

Like its parent EGA Wedgetail$^{\Phi}$, Illabo$^{\Phi}$ requires a period of cold temperatures (vernalisation) before moving from vegetative to reproductive growth, and this maturity trigger allows Illabo$^{\Phi}$ to be sown early in the cropping program with the aim of producing increased dry matter to fill early feed gaps.

Grazing trial data collected from AGT's Kabinga Research farm at Collingullie showed that during the period from emergence to the appearance of the first node, Illabo$^{\Phi}$ produced equivalent amounts of dry matter to that of EGA Wedgetail$^{\Phi}$ and produced an extra 18-26% over Kittyhawk$^{\Phi}$, depending on sowing date.

To maximise grain only yield, Illabo$^{\Phi}$ appears ideally suited to mid-late April sowing in high yield environments, and mid-April planting in low yield environments.

Tested as	V09150-01
Breeding	EGA Wedgetail$^{\Phi}$ as the major parent
Released	Spring 2018
EPR	$3.50 + GST/tonne
Seed Availability	AGT Affiliates, Retailers, Seed Sharing™

Longsword®

- A unique 'quick' maturing dual purpose winter wheat
- Wide sowing window, most suited to April sowings
- Widely adapted but mainly suits low-medium rainfall environments
- Good physical grain quality package with low screenings and high test weights
- Excellent stem and stripe rust resistance
- Good yellow leaf spot resistance
- FEED quality classification

The first of its kind, Longsword® is a 'quick finishing' winter wheat, quicker than EGA Wedgetail® and Illabo®. Unlike other long season varieties, Longsword® has Mace® as its major parent, a variety that is specifically suited to low and medium rainfall areas. But unlike Mace® (a traditional spring wheat), Longsword® has three winter genes, meaning that it is a true winter variety with a stronger vernalisation (cold) requirement before flowering can occur. However, once this requirement is met, Longsword® progresses through grain-fill quite quickly, similar to its parent Mace®.

This unique maturity offers many advantages to growers: it allows a flexible and wide sowing window, while helping to avoid stresses of drought and heat through grain fill that slower maturing winter wheat varieties experience. It also allows a longer safe period for grazing, helping to alleviate the feed-gap often faced by mixed farmers.

Grain of Longsword® is only deliverable as FEED into the bulk handling system. Although we are committed to releasing high performing milling grade wheat varieties, we believe Longswords® uniqueness still offers value to growers who are looking to sow earlier than what spring wheats allow, for those requiring grazing value out of their variety, or those that have access to a grain market outside of the traditional bulk handling system.

Tested as	RAC2341
Breeding	Mace® as the major parent with a Merinda® type as the minor parent
Released	Spring 2017
EPR	$2.75 + GST/tonne
Seed Availability	AGT Affiliates, Retailers, Seed Sharing™

Scepter®

- Mace® replacement
- Elite yielding, with improved yield over Mace®
- AH quality classification
- Mid season maturity, slightly later than Mace®
- Good physical grain quality package
- CCN and yellow leaf spot resistance equal to Mace®
- Improved stripe rust resistance over Mace®

In 2010 Mace® was released to Victorian growers presenting a big step forward in performance and profitability to other main season varieties. Higher yield, AH quality and better CCN resistance saw it grow in popularity, being widely grown from WA through to southern NSW. Scepter® builds on the success of Mace®, and will offer even larger gains in performance and further adaptability to Victoria.

We see Scepter® as the successor to Mace®. With Mace® as its major parent, Scepter® looks and behaves very similar to Mace®, so will likely fit into the same position in your rotation. Scepter® has the added benefit of improved leaf rust and stripe rust resistance, and is about two days later to flower. You will still need to keep an eye out for stripe rust infection in Scepter®, but hopefully the small improvement in resistance is enough to help in reducing reliance on fungicides.

Tested as	RAC2182
Breeding	Mace® as the major parent, a Kukri® / Janz / Wyalkatchem® breeding line as the minor parent
Released	Spring 2015
EPR	$3.25 + GST/tonne
Seed Availability	AGT Affiliates, Retailers, Seed Sharing™

Clearfield® wheat varieties

'CL Plus' wheat varieties have been specifically developed to carry two genes for tolerance to Clearfield® Intervix® herbicide. Intervix® is a member of the imidazolinone chemical family with Group B mode of action, offering one-pass post-emergent knockdown and residual control of many major grass and broadleaf weeds including brome grass, barley grass, wild oat, Indian hedge mustard, muskweed, wild radish, wild turnip, and suppression of annual ryegrass.

Clearfield® Plus
Production System for Wheat

Elmore CL Plus$^{\phi}$

- AH quality classification
- Mid-season maturity
- Tolerant to Clearfield® Intervix® herbicide
- Used for in-crop weed control or as a plant back option following Imi herbicides
- Well adapted to medium rainfall environments
- Good resistance to leaf, stem and stripe rust

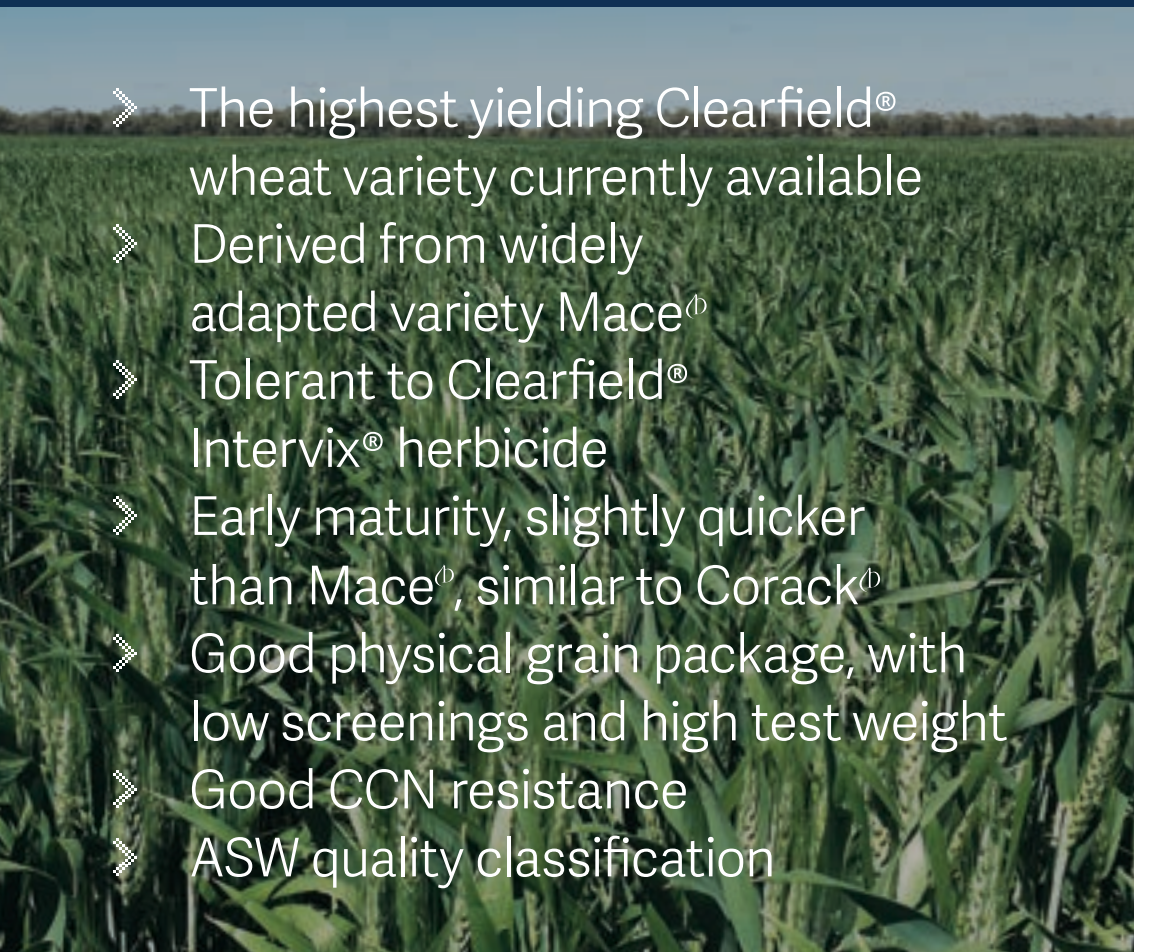
Elmore CL Plus$^{\phi}$ is one of the best performing AH Clearfield® tolerant wheat varieties in Victoria, particularly suited to the North East region, and may fit into farming systems either for in-crop broad spectrum weed control or as a tool for the management of group B (Imi) herbicide residues.

Elmore CL Plus$^{\phi}$ offers a mid-season planting opportunity, with best performance expected from sowing from the second to the fourth week of May.

Elmore CL Plus$^{\phi}$ has moderate grain size and screenings losses which can be minimised by sowing in the appropriate planting window to avoid excessive heat shock and drought stress. Elmore CL Plus$^{\phi}$ offers a moderate early vigour, good straw strength, good threshability, and high test weights.

Tested as	VX4338R
Breeding	Annuello and a 2-gene Clearfield® tolerant donor
Released	Spring 2012
EPR	$3.55 + GST/tonne
Seed Availability	AGT Affiliates, Retailers

Razor CL Plus$^{\phi}$



- The highest yielding Clearfield® wheat variety currently available
- Derived from widely adapted variety Mace$^{\phi}$
- Tolerant to Clearfield® Intervix® herbicide
- Early maturity, slightly quicker than Mace$^{\phi}$, similar to Corack$^{\phi}$
- Good physical grain package, with low screenings and high test weight
- Good CCN resistance
- ASW quality classification

The Clearfield® production system involving cereal varieties that are tolerant to Intervix® herbicide continues to play an integral part of in-crop weed management throughout Victoria. However, until now, there has been a significant yield gap between the best Clearfield® varieties (Kord CL Plus$^{\phi}$, Grenade CL Plus$^{\phi}$), and the best non-Clearfield® varieties (Mace$^{\phi}$, Scepter$^{\phi}$).

Razor CL Plus$^{\phi}$ addresses this issue, offering yields competitive with Mace$^{\phi}$ and Scepter$^{\phi}$, along with tolerance to Intervix® herbicide.

We believe that Razor CL Plus$^{\phi}$ offers the best overall package of yield, adaptation and disease resistance out of all of the currently available Clearfield® varieties. Razor CL Plus$^{\phi}$ has an ASW quality classification, and therefore growers will have to determine whether the yield advantage that Razor CL Plus$^{\phi}$ offers over other Clearfields® generates additional income in their unique situation. Does the yield advantage of Razor CL Plus$^{\phi}$ outweigh the potential price split between ASW and higher grades? How often do you achieve higher quality grades on your farm? Are you intending to grow a Clearfield® variety on a paddock that is set up to achieve higher protein grades, or are you using these varieties on poorer, problem paddocks? Answering these questions may help you decide if a high yielding, ASW, Clearfield® wheat variety has a fit in your program.

Tested as	RAC2517
Breeding	Mace$^{\phi}$ and a 2-gene Clearfield® tolerant donor
Released	Autumn 2018
EPR	$3.30+ GST/tonne
Seed Availability	AGT Affiliates, Retailers

Durum

Bitalli®

- The highest yielding durum variety currently available
- ADR quality classification
- Very good physical grain characteristics with low screenings and high test weight
- Early-mid maturity providing good adaptation in tough finishes to the growing season
- Small improvement in crown rot resistance over other varieties
- Good levels of black point resistance

Bitalli® is one of our first durum variety releases in over ten years, and we believe that it has been worth the wait.

Bitalli® represents our breeding aim of producing a 'low risk' durum variety, combining adaptation to a range of environments and growing conditions, excellent grain quality with low screenings risk and high test weights, and improved levels of straw strength. Most importantly however, Bitalli® has achieved our goal of developing a durum variety that sets a new yield benchmark across all Southern Australian durum growing environments.

Bitalli® is derived from a Saintly® cross, maturing 1-2 days later than Saintly®, and a few days earlier than Aurora®. Unlike Saintly®, Bitalli® is a fully awned variety.

The disease profile of Bitalli® is comparable with most durum varieties currently on the market, with good resistance to most foliar diseases. Provisional pathology data suggests that Bitalli® may offer a slight improvement in crown rot resistance over other varieties. As crown rot is a major constraint on durum production, even a small improvement in this trait is likely to benefit growers.

Bitalli® has an ADR quality classification in the Southern Zone (SA/Vic) and produces grain with low screenings similar to Aurora® and Saintly®, and substantially better than Hyperno®.

The naming convention we use for our durum varieties is Melbourne Cup winners, with 'Bitalli®' taking the cup in 1923.

Tested as	AGTD088
Breeding	Saintly® as the major parent
Released	Spring 2019
EPR	$3.50 + GST/tonne
Seed Availability	AGT Affiliates, Retailers

Westcourt®

- High yielding across the Southern durum growing region
- ADR quality classification
- Mid-season maturity, similar to Caparoi®
- Very good physical grain characteristics with low screenings
- Excellent disease resistance package

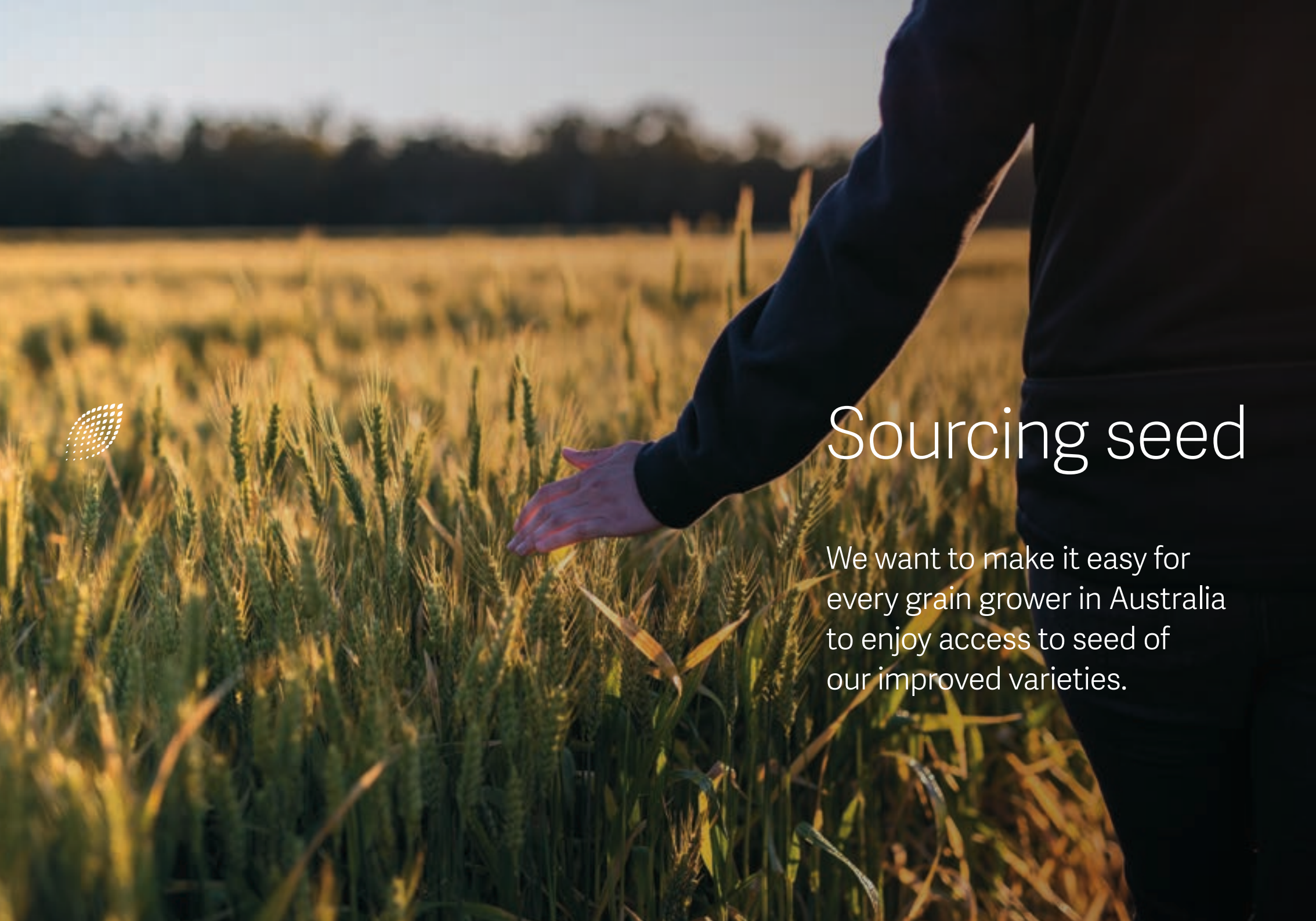
Westcourt® is our first durum variety released primarily for the Northern durum growing region, however should still offer Southern durum growers value as a high yielding, widely adapted variety with a robust disease resistance package and excellent grain quality.

Westcourt® offers yields that are competitive with leading variety Aurora® across the Southern Zone, although slightly lower than newly released variety Bitalli®.

Compared to Bitalli®, Westcourt® is later maturing, and will therefore likely suit planting dates towards the front of your durum program.

The naming convention we use for our durum varieties is Melbourne Cup winners, with 'Westcourt' winning the famous race in 1917.

Tested as	AGTD090
Breeding	Combination of unreleased breeding lines
Released	Spring 2019
EPR	$3.50 + GST/tonne
Seed Availability	AGT Affiliates, Retailers, Seed Sharing™



Sourcing seed

We want to make it easy for every grain grower in Australia to enjoy access to seed of our improved varieties.

AGT Affiliates

AGT Affiliates are responsible for production, grading, sales and distribution of all our new and existing varieties. AGT Affiliates offer both wholesale and retail sales capacity and thereby growers can access seed of our varieties from AGT Affiliates directly, or through most agricultural merchandising retail stores. AGT does not sell seed direct to growers, nor does AGT earn any income from the sale of seed.

AGF Seeds

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www.tatiaraseeds.com.au

AGT Seed Sharing™

An initiative first developed by AGT, Seed Sharing™ is a low cost way of introducing our improved genetics into your program. Seed Sharing™ is a licensed farmer to farmer trading scheme whereby grain of selected AGT varieties may be traded between farmers to use as seed.

Farmers who have grown a crop using commercial seed purchased from a recognised seed retailer or AGT Affiliate may sell seed to another farmer at a price or arrangement negotiated between them, providing they complete an AGT Seed Sharing™ License Agreement form. End Point Royalties are not charged on seed sold through Seed Sharing™.

Seed Sharing™ is allowed for all AGT wheat, triticale and durum varieties except Clearfield® Plus wheat varieties.

For the full terms and conditions and to download the AGT Seed Sharing™ License Agreement visit: agtbreeding.com.au/sourcing-seed/seed-sharing

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