

# VARIETY GUIDE QUEENSLAND & NEW SOUTH WALES



pacificseeds.com.au

# GAUGE WHAT YOU NEED FROM PACIFIC SEEDS WHEAT

The Pacific Seeds range of wheats for NSW and QLD have been bred to encompass the full range of maturities for News South Wales and Queensland to give growers choice in their program while still providing the quality and agronomic package needed for success.

From dual purpose winter type, Kittyhawk (most suited to southern NSW) to quicker maturing Hellfire and Mustang, the Pacific Seeds wheat range has been bred to achieve APH quality in your paddock.



# Delivering wheat solutions that consider your local conditions

Pacific Seeds is committed to producing wheat varieties that put more money in the pocket of Australian wheat growers. A wide range of options delivers choice when it comes to growers identifying the variety that best suits their needs.

Our wheat varieties are recognised for their excellent quality and grain size. Many of these products are used by millers to produce bread, biscuits and noodles for the Australian and international markets.

Whether you are looking for early or late planting options, reliability in tough conditions or exceptional protein accumulation, we have a wheat variety that will meet your local environmental conditions and long-term business goals.





### LongReach STEALTH LPB15-2757

### VARIETY ATTRIBUTES

Slow-Spring maturing variety suitable for late April to early May planting

High and stable yielding variety with APH classification in NSW/Qld and premium grain package

Excellent Crown Rot resistance MRMS(p) making LRPB Stealth a class above most APH varieties available in the market

Solid disease package suitable for all growing areas in NSW and Qld

LRPB Stealth is medium plant height with a similar growth and yield accumulation pattern to Lancer

### Queensland and New South Wales A new variety from Pacific Seeds

DISEASE F	RESIST	ANCE
Stem Rust		R
Leaf Rust		RMR/S
Stripe Rust East		RMR
Yellow Spot		MS
Septoria tritici		MS
Crown Rot		MRMSp
Prat.thornei	Res	S
Prat.thornei	Tol	MTMI
Prat.neglectus	Res	MS
Prat.neglectus	Tol	MI
Black Point		MRMSp

Resistance ratings: VS = Very Susceptible S = Susceptible, MS = Moderately Susceptible MR = Moderately Resistant, R = Resistant Tol Rating: T = Tolerant, MT = Moderately Tolerant, MI = Moderately Intolerant, I = Intolerant Data sourced NVT and LongReach Plant Breeders Feb 2021. p = Preliminary Data Based on limited data set. Leaf Rust - varieties with a second rating separated by a / show the reaction to the LR\_24 pathotype if it is present.



### LRPB / Sydney University Crown Rot Nursery 2018 - 19 Stem Browning Rating at Maturity (0 = No Browning, 9 = Heavy Browning)

\*2-49 is a public breeding line that has been shown to display high levels of Crown Rot resistance

LRPB Stealth is the result of a targeted cross to increase Crown Rot resistance in widely grown APH germplasm. LRPB Stealth has shown increased levels of Crown Rot resistance over well regarded varieties currently available on the market across multiple years when assessed in disease nurseries.

### YIELD PERFORMANCE

NVT Northern Early S	Season MET Analysis 2	2016-2020 Selec	ted Varietie	es			
	Maturity	All Northern	NE NSW	NW NSW	CQ	SWQ	SEQ
EGA Gregory	Mid - Slow Spring	104.6	101.2	101.9	113.3	105.3	102.0
LRPB Flanker	Mid - Slow Spring	108.2	103.6	104.9	121.0	108.1	104.2
LRPB Lancer	Slow Spring	103.3	101.9	103.2	110.8	100.9	98.1
LRPB Reliant	Mid - Spring	107.8	103.8	105.3	117.4	108.1	105.3
LRPB Stealth	Slow Spring	107.5	103.4	105.1	118.4	107.2	103.6
Sunmax	Slow-V.Slow Spring	100.1	101.8	100.7	88.0	103.5	109.9
Suntime	Slow Spring	102.5	102.1	102.7	101.9	102.7	103.6
Average Yield (t/ha)		3.12	3.69	3.17	2.83	2.79	3.38
Trials in Analysis		94	18	25	19	24	8

NVT Southern NSW E	arly Season MET Anal	ysis 2016-2020 Se	lected Varieties	
	Maturity	All Sth NSW	SE NSW	SW NSW
LRPB Trojan	Mid Spring	105.3	104.7	105.7
Beckom	Quick - Mid Spring	105.9	105.5	106.2
LRPB Flanker	Mid - Slow Spring	94.8	94.2	95.3
EGA Gregory	Mid - Slow Spring	91.7	90.9	92.3
Coolah	Mid - Slow Spring	102.0	102.0	102.0
LRPB Stealth	Slow Spring	101.9	101.2	102.5
LRPB Lancer	Slow Spring	99.1	98.0	100.0
LRPB Nighthawk	Very Slow Spring	100.5	101.5	99.7
Average Yield t/ha		4.88	4.56	5.15
Trial in Analysis		46	21	25



LRPB Stealth has been shown to hold 1-2 days longer to head emergence than Lancer in warmer Northern enviroments and quicken itself in the cooler southern environments. This indicates a stronger vernalisation requirment than its Lancer parent.

L-R: LRPB Flanker, LRPB Lancer, LRPB Stealth - Tulloona Early Season NVT Trial 2019



# LongReach HELLFIRE

### VARIETY ATTRIBUTES

Quick-Mid Spring maturity for main season planting like Spitfire

11% yield increase over LRPB Spitfire while maintaining similar protein accumulation

Large grain, high protein and low screenings make LRPB Hellfire a standout grain package

Premium quality profile with APH classification in NSW and Qld

Solid disease package suitable for all main season growing areas in NSW and Qld

Medium plant height and good standability

DISEASE	RESIST	TANCE
Stem Rust		MR
Leaf Rust		MSS
Stripe Rust East		MR
Yellow Spot		MSS
Septoria tritici		S
Crown Rot		MSS
Prat.thornei	Res	MSS
Prat.thornei	Tol	MI
Prat.neglectus	Res	MSS
Prat.neglectus	Tol	TMT
Black Point		MS

Resistance ratings: VS = Very Susceptible S = Susceptible, MS = Moderately Susceptible MR = Moderately Resistant, R = Resistant Tol Rating: T = Tolerant, MT = Moderately Tolerant, MI = Moderately Intolerant, I = Intolerant Data sourced NVT and LongReach Plant Breeders Feb 2021. p = Preliminary Data Based on limited data set. Leaf Rust - varieties with a second rating separated by a / show the reaction to the LR\_24 pathotype if it is present.



🗕 🍋 LRPB Spitfire

- - Suntop

LRPB Hellfire

Grain Protein at Northern NSW and QLD Mains Season NVT Sites 2019-20

### YIELD PERFORMANCE

Northern Main Season NVT ME	T Analysis 2016-2020	Selected Variet	ies				
	Maturity	All Northern	NE NSW	NW NSW	CQ	SWQ	SEQ
LRPB Reliant	Mid Spring	103.6	103.0	102.8	102.3	106.8	102.1
LRPB Hellfire	Quick-Mid Spring	105.7	105.0	106.1	104.9	107.0	104.5
LRPB Mustang	Quick Spring	100.7	101.4	102.5	96.8	101.8	99.8
LRPB Flanker	Mid Spring	102.0	101.6	101.6	102.6	103.3	99.5
Coolah	Mid Spring	102.8	104.5	104.3	99.1	103.3	100.8
EGA Gregory	Mid Spring	99.2	99.7	99.0	98.4	100.3	97.0
LRPB Spitfire	Quick-Mid Spring	93.5	93.2	92.5	95.4	92.1	96.5
Sunchaser	Mid Spring	101.5	102.0	101.7	99.7	102.1	102.2
Sunprime	Quick-Mid Spring	100.0	100.6	99.6	100.1	99.3	101.0
Suntop	Mid Spring	102.4	101.7	101.9	101.1	104.7	103.4
Average Predicted Yield (t/ha)		3.22	3.14	2.77	3.38	3.69	3.34
Trials in Analysis		107	22	28	8	22	27

NSW DPI Time Of Seeding Trial Wagga 2018 LSD (Genotype x TOS) 0.49 t/ha







# LongReach MUSTANG VARIETY ATTRIBUTES

Quick maturity for main season planting like Spitfire

Has shown an average yield increase over Spitfire of 11% in 61 LongReach Qld/NSW trials over 7 years

APH quality in NSW and Qld to suit all main season growing areas

Outstanding shorter canopy to make on farm management and stubble handling easier

Excellent major gene Stripe Rust resistance (RMR)

Has coped well with Crown Rot (MSS) and RLN (MTMI) in tough seasons in the north

### Queensland and New South Wales

### Now Free to Trade

Please complete the grower sales declaration form - available from our Pacific Seeds website

DISEASE	RESIST	TANCE
Stem Rust		MRMS
Leaf Rust		MSS
Stripe Rust East		RMR
Yellow Spot		MSS
Septoria tritici		S
Crown Rot		MSS
Prat.thornei	Res	MSS
Prat.thornei	Tol	MTMI
Prat.neglectus	S	
Prat.neglectus	Tol	MI
Black Point		MS

Resistance ratings: VS = Very Susceptible S = Susceptible, MS = Moderately Susceptible MR = Moderately Resistant, R = Resistant Tol Rating: T = Tolerant, MT = Moderately Tolerant, MI = Moderately Intolerant, I = Intolerant Data sourced NVT and LongReach Plant Breeders Feb 2021. p = Preliminary Data Based on limited data set. Leaf Rust - varieties with a second rating separated by a / show the reaction to the LR\_24 pathotype if it is present.



### AGRONOMIC FEATURES

The cross (EGA Gregory/LPB1117) aimed to combine Gregory's broad adaption with the superior canopy of a high yielding breeding line. The end result has been a quick maturity APH wheat with a shorter canopy to make management easier.

Plant vigour is typical of other APH varieties with Mustang being a conservative tillering variety that has an erect open canopy. Mustang has a compact plant type throughout the season that ends up similar in height to Lancer at maturity.

Mustang has a sound grain package with a good grain size and has an APH classification throughout NSW and Qld.

LongReach phenology trials have shown that LRPB Mustang tracks very similar to Spitfire at all seeding times. Mustang has shown the ability to move faster when stress comes to maximise yield.

LRPB Mustang has excellent major gene resistance to Stripe Rust (RMR) and good resistance to Stem Rust (MRMS). Mustang has moderate Yellow Spot resistance (MSS) and Black Point resistance (MS) which is an improvement over Gregory.

Crown Rot screening over the last three years has consistently shown Mustang to have useful Crown Rot resistance (MSS). Mustang has also shown good RLN (P.thornei) tolerance (MT-MI) that looks at least equal to Spitfire (MT-MI).

Northern Main Season NV	Г MET Analysis 2016-	2020 Selected	l Varieties				
	Maturity	All Northern	NE NSW	NW NSW	CQ	SWQ	SEQ
LRPB Hellfire	Quick-Mid Spring	105.7	105.0	106.1	104.9	107.0	104.5
LRPB Spitfire	Quick-Mid Spring	93.5	93.2	92.5	95.4	92.1	96.5
LRPB Mustang	Quick Spring	100.7	101.4	102.5	96.8	101.8	99.8
Sunprime	Quick-Mid Spring	100.0	100.6	99.6	100.1	99.3	101.0
LRPB Flanker	Mid Spring	102.0	101.6	101.6	102.6	103.3	99.5
Coolah	Mid Spring	102.8	104.5	104.3	99.1	103.3	100.8
EGA Gregory	Mid Spring	99.2	99.7	99.0	98.4	100.3	97.0
LRPB Reliant	Mid Spring	103.6	103.0	102.8	102.3	106.8	102.1
Sunchaser	Mid Spring	101.5	102.0	101.7	99.7	102.1	102.2
Suntop	Mid Spring	102.4	101.7	101.9	101.1	104.7	103.4
Average Predicted Yield (t/ha)		3.22	3.14	2.77	3.38	3.69	3.34
Trials in Analysis		107	22	28	8	22	27





APH (NNSW/Qld) and AH (SNSW) with similar planting window to Suntop Mid season maturity, yield performance is best when planted in the main season window A reliable grain package with good grain size and test weight, as well as showing lower screenings than Suntop Reliant is a Gregory/Crusader cross, it has the tillering habit of Gregory and the tightly packed heads of Crusader Good resistance to Stem Rust (R), Leaf Rust (RMR), Stripe Rust East (MR) Shorter canopy height with good resistance to lodging

Performs well under crown rot pressure (MS) and leading tolerance to RLN (T-MT)



Now Free to Trade

Please complete the grower sales declaration form available from the Pacific Seeds website

A high yielding variety suited to NSW and Qld

Mid late maturity with similar plasticity to EGA Gregory

APH classification in Northern Zone and South Eastern Zone

Good level of resistance to Stripe Rust East (RMR), Stem Rust (RMR) and Leaf Rust (RMR/MSS)

A reliable grain package, good test weights with sound grain size

Flanker is taller than Gregory and is suited to dryland rather than irrigation production



Now Free to Trade Please complete the grower sales declaration form available from the Pacific Seeds website

A mid to late maturing line which is responsive to temperature

APH classification in Northern and South Eastern Zones (All NSW and Qld)

Excellent grain package with good protein delivery, good grain size and low screenings

Solid Stripe Rust resistance package based on Adult Plant Resistance (RMR East), very good resistance to Stem (R) and Leaf rust (RMR/MRMS)

Shorter canopy height with good resistance to lodging

Performs well under crown rot pressure (MSS) and leading tolerance to RLN (TMT)

### Bundella grower lands a top crop with Lancer

It was an uncertain season for Bundella grower Andrew Campbell, but a few good decisions along the way and planting a quality wheat variety like Pacific Seeds Lancer helped him harvest a top crop.

Mr Campbell, who runs cattle and cropping property 'Rockgedgiel' with his wife Kimberley and parents Colin and Meg, said deciding to plant into a paddock with a full moisture profile helped protect it from the lack of in-crop rain.

"In 2018, we dry sowed 350 hectares and the season was very average. We ended up stripping 1.5t/ha. Coming into 2019, the full profile mixed with a bit of rain in March set up the paddock well. There was a lot going on at the time and we were about to have our third child, so we sowed the wheat in the third week of April, which is pretty early for Lancer. The paddock had a good slope on it so there was a chance of frost, but with the elevation, we thought it should be fine."



He said the season outlook was ordinary but rain at the end of April improved the situation.

"It got in and up, and after 30mm in late April, it never looked back. The winter was mild, and although it didn't have a lot of in-crop rain at 94mm, it put on a lot of biomass. In September and October, we were looking at it asking the question, 'How much moisture is left, do we bale it?' There were good returns on hay but ultimately we didn't want to deal with thousands of bales in the paddock, and there is always value in retained stubble."

Mr Campbell harvested the crop on 8 November and yields were nearing 6t/ha in the best parts.

"We made the decision to let it go and that decision paid off, with the crop yielding 5.5t/ha on the top end of the paddock and lightening off at the bottom. The average was 4.4t/ha."

Screenings were 1.3 – 2 per cent, test weights were 83kg/hL and protein was 10-11pc.

The family has been growing wheat there for many years, and in that time, have been able to experiment with many different types.

"We used to grow Ellison for a time, then we moved onto Gregory, then Suntop and Coolah. They were all good varieties for the time, but a few people around the district started growing Lancer and I had a look at it too in 2017. I like it as a whole package. It's a mid to late maturing type but you can sow it early if you need to and it's tough. No matter the season, it always seems to yield."

The Campbell's have finished planting 80ha of Dawson oats and 250ha of Bennet wheat to feed their 450 weaners, 70 first calvers and 500 cows and will now focus on the Lancer. They have included dual purpose wheat in past cropping rotations, growing Marombi, Wedgetail and Sunlamb, and will plant 100ha of Kittyhawk for the first time.

"Kittyhawk has been looking like a good option here, so we'll give it a graze and then lock it up for grain. After we put that in, we'll sow Lancer to 280 hectares of long fallow country."



# LongReach KITTYHAWK

## VARIETY ATTRIBUTES

A high yielding dual purpose wheat variety suited to all areas that grow Wedgetail

Premium classification; APH (NSW/Qld) and AH (SA/Vic)

Slow maturity (long season) with three winter genes. Suited to early planting similar to Wedgetail

Improved disease resistance over Wedgetail especially for Stripe Rust (RMR) Stem Rust (MRMS) and Leaf Rust (MS)

Significant test weight (4-6Kg/Hl) improvement over Wedgetail and Illabo with a solid grain package

### Now Free to Trade Please complete the grower sales declaration form available from the Pacific Seeds website

DISEASE F	RESIST	ANCE
Stem Rust		MRMSs
Leaf Rust		MRMS
Stripe Rust East		RMR
Yellow Spot		MRMS
Septoria tritici		MRMS
Crown Rot		SVS
Prat.thornei	Res	S
Prat.thornei	Tol	
Prat.neglectus	S	
Prat.neglectus	Tol	МТМІ
Black Point		MRMS

Resistance ratings: VS = Very Susceptible S = Susceptible, MS = Moderately Susceptible MR = Moderately Resistant, R = Resistant Tol Rating: T = Tolerant, MT = Moderately Tolerant, MI = Moderately Intolerant, I = Intolerant Data sourced NVT and LongReach Plant Breeders Feb 2021. p = Preliminary Data Based on limited data set. Leaf Rust - varieties with a second rating separated by a / show the reaction to the LR\_24 pathotype if it is present.



### LONGREACH NIGHTHAWK LPB14-0392 VARIETY ATTRIBUTES

A slow maturing Spring wheat with a unique set of maturity holds that allows it to be planted earlier in areas that don't suit the traditional winter wheat types

AH classification in South East Zone

High tiller number and semi prostrate early growth habit which may aid as part of an integrated weed management solution

Medium tall in height with good standability in high production situations

DISEASE R	ESIST	ANCE
Stem Rust		RMR
Leaf Rust		MSS
Stripe Rust East		MR
Yellow Spot		MRMS
Septoria tritici		MSS
Crown Rot		MSSp
Prat.thornei	Res	MS
Prat.thornei	Tol	
Prat.neglectus	MSS	
Prat.neglectus	Tol	IVI
Black Point		MS

Resistance ratings: VS = Very Susceptible S = Susceptible, MS = Moderately Susceptible MR = Moderately Resistant, R = Resistant Tol Rating: T = Tolerant, MT = Moderately Tolerant, MI = Moderately Intolerant, I = Intolerant Data sourced NVT and LongReach Plant Breeders Feb 2021. p = Preliminary Data Based on limited data set. Leaf Rust - varieties with a second rating separated by a / show the reaction to the LR\_24 pathotype if it is present.

### AGRONOMIC FEATURES

LongReach Plant Breeders phenology studies show that LRPB Nighthawk has the strong photoperiod controls of a "Very Slow Spring Wheat" this has been confirmed through the GRDC MESW project. LRPB Nighthawk has an early growth habit similar to dual purpose Winter wheats like LRPB Kittyhawk, but it can break the vegetative cycle earlier in Spring than LRPB Kittyhawk. LRPB Nighthawk is an option that opens the seeding window earlier in main season environments to capitalise on early break years.



# Wheat Suggested Sowing Timetables Queensland

									+:								
			Ap	oril			З	ay			٦U	ne			با	yl	
		1	2	3	4	1	2	Σ	4	1	2	Σ	4	1	2	3	4
Central Highlands	EGA Gregory, LRPB Flanker, LRPB Lancer, LRPB Stealth	ш	т	С	С	С	С	$\cap$	-								
	LRPB Reliant	m	m	E	E	С	С	С	С	С	С	-	-				
more Northern areas)	LRPB Crusader, LRPB Spitfire, LRPB Mustang, LRPB Dart		m	т	Е	m	С	С	С	С	С	-	F				
Central Highlands	EGA Gregory, LRPB Flanker, LRPB Lancer, LRPB Stealth			ш	Е	С	С	С	С	L							
	LRPB Reliant					Е	E	С	С	С	С	$^{\circ}$					
known to be more frost prone)	LRPB Crusader, LRPB Spitfire, LRPB Mustang, LRPB Dart					m	E	C	С	С	С	0	$\cap$	Г			
Maranoa, Balonne	EGA Gregory, LRPB Flanker, LRPB Lancer, LRPB Stealth				E	н	С	С	С	С	С	С					
Western Downs - South West	LRPB Reliant					Е	С	С	С	С	С	$^{\circ}$	$\cap$	-	-		
	LRPB Crusader, LRPB Spitfire, LRPB Mustang, LRPB Dart						E	С	С	С	С	0	0	-	-		
Darling Downs	EGA Gregory, LRPB Flanker, LRPB Lancer, LRPB Stealth						ш	$\cap$	С	-							
(Northern, uplands)	LRPB Reliant							m	m	С	С	$\cap$	$\cap$	$\cap$	$\cap$		-
	LRPB Crusader, LRPB Spitfire, LRPB Mustang, LRPB Dart								m	m	0	0	$\cap$	$\cap$	0		-
Darling Downs	EGA Gregory, LRPB Flanker, LRPB Lancer, LRPB Stealth								m	С	С	$\cap$	-				
High frost risk	LRPB Reliant									m	m	0	$\cap$	$\cap$	0	$\cap$	-
(Central, Southern)	LRPB Crusader, LRPB Spitfire, LRPB Mustang, LRPB Dart										т	0	0	0	0	С	
Central Burnett	EGA Gregory, LRPB Flanker, LRPB Lancer, LRPB Stealth					m	Е	С	С	С	-						
South Burnett & West Moreton	LRPB Reliant							E	m	С	С	$\cap$	$\cap$	-	-		
	LRPB Crusader, LRPB Spitfire, LRPB Mustang, LRPB Dart								m	0	0	$\cap$	$\cap$	-	-		

EARLY CONVENTIONAL LATE

Wheat Suggested Sowing Timetables New South Sales

						Plains					Slopes		District	NORTHERN NSW			
Valleties	Variatias		LRPB Hellfire, LRPB Spitfire, LRPB Mustang	LRPB Impala, LRPB Oryx, LRPB Reliant	EGA Gregory, LRPB Flanker, LRPB Lancer, LRPB Stealth	LRPB Kittyhawk, LRPB Nighthawk	LRPB Hellfire, LRPB Spitfire, LRPB Mustang	LRPB Impala, LRPB Oryx, LRPB Reliant	EGA Gregory, LRPB Flanker	LRPB Lancer, LRPB Stealth	LRPB Kittyhawk, LRPB Nighthawk			Varieties			
												1					
											m	2	March	Mai	Mar	Mar	
											m	Σ					
						m					С	4					
						$\cap$					С	1					
						0				т	С	2	April				
						$\cap$			т	$\cap$	0	Σ		ril			
-	ס				m	0			0	0	$\cap$	4		P			
an ching	antinn			m	$\cap$	-		т	$\cap$	$\cap$	С			anting			
	time			$\cap$	0			$\cap$	$\cap$	0	L	N	Ma	y time			
by vv			m	$\cap$	0		m	$\cap$	-	-		ω	Ÿ	by we			
	5DKc		0	$\cap$	-		0	$\cap$				4		eeks			
			0	$\cap$			0	0									
			$\cap$	-			$\cap$	-				$\sim$	June				
							$\cap$					ω		une	une		
							-					4					
							-										
												Ν	Jul				
												ω	<				
												4					

			Plains				Slopes		District	SOUTHERN NSW		
LRPB Hellfire, LRPB Spitfire, LRPB Mustang	LRPB Impala, LRPB Oryx, LRPB Reliant	EGA Gregory, LRPB Flanker, LRPB Lancer, LRPB Stealth	LRPB Kittyhawk, LRPB Nighthawk	LRPB Hellfire, LRPB Spitfire, LRPB Mustang	LRPB Impala, LRPB Oryx, LRPB Reliant	EGA Gregory, LRPB Flanker, LRPB Lancer, LRPB Stealth	LRPB Kittyhawk, LRPB Nighthawk			Varieties		
								1	March			
							н	2				
							т	Σ				
			m				0	4				
			$\cap$				0					
			С				С	2	April			
		m	$\cap$			m	0	Σ				
		0	0			0	0	4		Pla		
	m	0	-		m	$\cap$	0			anting		
m	0	0		m	0	$\cap$		N	Ma	time k		
m	$\cap$	0		0	0	0		Σ	$\leq$	oy we		
$\cap$	$\cap$			$\cap$	$\cap$			4		eks		
$\cap$	-			$\cap$	0							
0	-			$\cap$				$\sim$	Jun			
0								Σ	Ċ	0		
								4	C.			
									July			
								2				
								2				
								+				

EARLY CONVENTIONAL



# OATS

Pacific Seeds is driven by the desire to help Australian farmers succeed through cutting-edge solutions. Comet, Drover and Taipan take forage oats to new heights.

All three varieties are highly productive, each boasting their own unique traits and advantages designed to help your crop, your livestock and your business flourish.





Scan the QR Code to access the Pacific Seeds Grazing Oats Guide for agronomy advice to help maximise your crop performance.

# **COMET** ATTRIBUTES

### Key features

- Semi erect variety with leaf rust resistance
- $\bullet$  Establishes in warmer soils (up to 28°C) more readily than most varieties
- Ideal for early plantings for high quality autumn feed
- High dry matter production under dryland and irrigated conditions
- It will maintain vegetative growth well into late spring
- Ideal companion to Drover to complete your oats program
- Suitable for grazing and hay production

### Plant type

Comet is a semi erect forage oats variety providing quick early feed. Under favourable growing conditions Comet will produce for multiple grazings.

### Grazing management

Comet is ideally suited to cattle, particularly in a continuous grazing situation. For best results in a rotational grazing system it should not be grazed below the growing point located just above the highest node. Heavy grazing will result in poor regrowth. However, frequent grazing will help crop performance and minimise leaf rust development.

### Soil temperature requirement

A major factor affecting the successful germination and establishment of oats is soil temperature. With early autumn sowing, warm soil may prevent seed from germinating. Laboratory tests and field experience have shown effective germination and establishment with maximum soil temperatures up to 28°C.

Dryland plantir	ig rates	
CQ & Western Qld		25-40 kg/ha
Southern Qld		25-50 kg/ha
N & C NSW		25-50 kg/ha
S NSW & Vic	dryland irrigated	55-100 kg/ha 50-100 kg/ha
Tasmania		100 kg/ha

Maturity	Medium-late
Plant Type	Semi Erect
Leaf rust reaction	Resistant
Time to first grazing	Medium-quick
Don't graze below	10 - 15cm
Early winter feed	****
Winter Feed	***
Spring Feed	****
Grazing - Cattle	Very Good
- Sheep	Good
- Horses	Very Good

### QUICK START QUALITY FEED



### KEEPS 'EM IN WINTER AND SPRING FEED

# **DROVER** ATTRIBUTES

In replicated cutting trials Drover has shown slightly lower dry matter yields than Taipan in the initial growth but higher yield through the winter months. Drover is slightly earlier to flower than Taipan.

### Key features

- Good warm soil emergence (up to 28°C)
- Produces large quantities of winter feed
- Will remain vegetative into late spring
- High dry matter production
- Good choice for grazing and hay
- Intermediate growth habit

### Background

Drover was selected for its high level of dry matter production and regrowth ability.

### Plant type

Drover is a grazing oat with very good post grazing recovery. It has an intermediate growth habit similar to that of Warrego. Drover also has relatively low growing points which makes it suitable for high stocking rates for all classes of livestock.

### Leaf rust resistance

Drover is now susceptible to the current races of leaf rust. However, good grazing or cutting management will reduce the impacts of leaf rust. Wider row spacings of at least 45cm will also minimise the effects of rust.

### Grazing management

Drover is suitable for all classes of livestock, hay or silage production. For best regrowth do not graze below the growing point located just above the highest node.

Planting	rates
$C \cap C M$	octorio

CQ & Western	Qld	25-40 kg/ha
Southern Qld		25-50 kg/ha
N & C NSW		25-50 kg/ha
S NSW & Vic	dryland	55 - 100 kg/ha
	irrigated	50 - 100 kg/ha
Tasmania	-	100 kg/ha

Maturity	Medium-late
Plant Type	Intermediate
Leaf rust reaction	Susceptible
Time to first grazing	Medium
Don't graze below	10 - 15cm
Early winter feed	***
Winter Feed	****
Spring Feed	****
Grazing - Cattle	Very Good
- Sheep	Good
- Horses	Very Good

### STRIKES FAST AND HANGS ON

# TAIPAN

### ATTRIBUTES

### Key features

- Erect plant with exceptionally quick early growth and high dry matter yields
- Establishes in warmer soils (up to 29°C) more readily than most varieties
- Good drought tolerance
- Produces large quantities of autumn and early winter feed
- Ideal for grazing
- It will maintain vegetative growth well into late spring

### Background

Taipan was released under PBR in 2002. It was selected \_\_\_\_\_\_ because of its exceptionally quick germination and \_\_\_\_\_\_ establishment and its ability to hang on in tough growing conditions.

### Plant type

Taipan is an erect oat providing quick, early growth. Under favourable growing conditions it can be grazed early in the season.

### Rust resistance

Taipan is now susceptible to the current races of leaf rust. However, good grazing or cutting management will reduce the impacts of leaf rust.

Wider row spacings of at least 45cm will also minimise the effects of rust.

### Grazing management

Taipan is ideally suited to cattle, particularly in a continuous grazing situation. For best results in a rotational grazing system it should not be grazed below the growing point located just above the highest node. Heavy grazing will result in poor regrowth. However, frequent grazing will help crop performance and minimise leaf rust development.

### Good drought tolerance

Taipan has demonstrated an ability to continue growing even in adverse conditions. It can handle hot dry conditions better than many other varieties, maintaining green palatable feed well into late spring.

### Planting rates

CQ & Westerr	ı Qld	25-40 kg/ha
Southern Qld		25-50 kg/ha
N & C NSW		25-50 kg/ha
S NSW & Vic	dryland	55 - 100 kg/ha
	irrigated	50 - 100 kg/ha
Tasmania		100 kg/ha

Late
Erect
Susceptible
Quick
10 - 15cm
****
***
****
Very Good
Good
Very Good



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

### WHEAT & OAT ASSOCIATES

Shepherd Grain Moree, NSW Ph: 02 5733 2822

PB Agrifood Toowoomba, QLD Ph: 07 4633 5555 Auswest Seeds Forbes, NSW Ph: 1800 224 987

Woods Seeds Pty Lte Goondiwindi, QLD Ph: 07 4670 0400 Hart Bros. Seeds Junee, NSW Ph: 02 6924 7206

Galleon Grains Pty Ltd Springsure, QLD Ph: 07 4984 6141 Baker Seed Company Rutherglen, VIC Ph: 02 6032 9484

Agrocorp Dalby, QLD Ph: 07 4669 9500



### Growing possibilities

### pacificseeds.com.au



### PLANT BREEDERS RIGHTS

Pacific Seeds Wheat & Oat varieties are protected by Plant Breeders Rights (PBR). In regard to propagating material (planting seed) of this variety, any unauthorised commercial production or reproduction, conditioning for propagation, offering for sale, sale, import, export or stocking of propagating material is an infringement under the *Plant Breeders Rights Act 1994*.

### End Point Royalty (EPR) Wheat

Each time a grower purchases Pacific Seeds wheat seed, the grower agrees to comply with the Variety Licence and Royalty Agreement, including agreement to pay the EPR. EPR is payable on all grain production, except on seed retained by the grower for replanting by the grower. The majority of the EPR will be paid by Advanta Seeds to the Breeder (LongReach Plant Breeders) for investment in future wheat breeding programs.

The information provided in this publication is intended as a guide only. Advanta Seeds Pty Ltd ('Advanta Seeds') (including its officers, employees, contractors and agents) can not guarantee that every statement is without flaw of any kind. While Advanta Seeds has taken all due care to ensure that the information provided is accurate at the time of publication, various factors, including planting times and environmental conditions may alter the characteristics and performance from plants.

Advanta seeds shall not be for any person of on instant interminormation for any loss, injury, damage of other consequence which solver in the sub-or your use of your use of your use of your use of any claim whatsoever arising out of the supply or use of or reliance upon the products and information which appear in this publication. To the maximum extent permitted by law, the liability of Advanta Seeds for any claim whatsoever arising out of the supply or use of or reliance upon the products and information in this publication (including liability for breach of any condition or warranty implied by the Trade Practices Act 1974 or any other law) is limited at its discretion, to the replacement of the products, the supply of equivalent products or the resupply of the publication. For application to specific conditions, seek further advice from a local professional. © Advanta Seeds 2021.