



KEY FEATURES

- A high yielding soft wheat - ASFT Biscuit in Northern, South Eastern and Southern Zones
- Quick to main season maturity suited to a main season planting
- Excellent Stripe rust resistance package (MR rating to WA and WA Yr I7+ pathotypes, a significant improvement over all current soft wheat varieties)
- Good Crown Rot rating for the north (MS-S)
- Very good soft wheat grain package with excellent test weight, low screenings and low protein accumulation

BREEDING Pedigree:TEAL/C93.8//9908

The original cross of Impala (C51021) made by Dr Akram Khan, was initially selected by the Value Added Wheat CRC. The line was first received by LongReach Plant Breeders in 2008. Impala has been extensively evaluated by the LongReach Plant Breeders technical team, led by Dr Bertus Jacobs and Dr Marie Appelbee. The line was first entered into National Variety Trials in 2009.

AGRONOMIC FEATURES

Impala is a high yielding variety suited to main season plantings in dryland and supplementary irrigation soft wheat growing areas of NSW.

Impala has a ASFT final classification in Northern, South Eastern and Southern Zones and has been approved for release by Allied Mills and Arnotts as a suitable soft wheat variety that meets all their quality requirements. Impala has a short to medium plant height, with maturity similar to Crusader and Livingston in northern NSW and Lincoln and Ventura in southern NSW. Impala is moderately susceptible (MS) to lodging under highly productive environments.

Disease and Pest Resistance Ratings: Impala and commercial varieties.									
Variety	Disease Ratings							Pest Reaction	
	Stem Rust	Leaf Rust	Stripe Rust	Stripe Rust	Septoria tritici	Crown Rot	Yellow Spot	RLN (<i>P.thornei</i>)	
			WA/Jackie	WA + Yr I7 pt				Res	Tol
Barham	MR-MS	MR-MS	MR	S	S	Sp	MS-S	MS-S	MIp
Bowie	S	-	R-MR	S	MS	S	S	MS-S	MT-MIp
Impala	MR	S	MR	MR	S	MS-S	MS-S	S	MI-I
QAL2000	R-MR	R	R	VS	MR-MS	S-VS	MS-S	MR-MS	MT-MI
QALBis	R-MR	-	R-MR	S-VS	-	S	MS-S	MS-S	I-VI
Rosella	MR-MS	-	MR-MS	MR-MS	MR-MS	MS-S	S	S	-
Yenda	R	-	R-MR	S	MS	S	MR-MS	MS-S	MI-I

Resistance rating: 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, VI =Very Intolerant
 Data sourced NSW DPI 2015 LongReachPlant Breeders. p = Preliminary Data Based on limited data set

NVT MET analysis 2009-2013 for Main Season trials in New South Wales												
New South Wales												
	North East			North West			South East			South West		
Varieties	t/ha	%MY	Count	t/ha	%MY	Count	t/ha	%MY	Count	t/ha	%MY	Count
Barham							3.23	90	39	3.19	93	28
Bowie							2.96	83	17	2.95	86	11
EGA Gregory	4.08	110	35	3.39	109	39	3.84	107	39	3.59	105	28
Impala	4.15	112	35	3.46	111	32	3.99	111	39	3.76	110	28
Orion	3.67	99	34	3.12	100	32	3.58	100	39	3.42	100	28
QAL2000	3.26	88	21	2.96	95	18	3.16	88	27	3.12	91	15
QALBIS	2.47	66	12	2.30	74	9	2.93	82	10	2.91	85	5
Rosella							2.88	80	6	2.92	85	4
Spitfire	3.88	104	35	3.23	104	39	3.60	100	39	3.50	102	29
Sunvale	3.69	99	35	3.06	98	39	3.51	98	39	3.34	98	28
Yenda	3.11	84	4				2.94	82	27	2.93	86	16
Region Mean Yield	3.72		35	3.11		39	3.59		39	3.43		30

NVT MET analysis 2009-2013 for Main Season trials in Qld									
QLD									
	Central QLD			South East QLD			South West QLD		
Varieties	t/ha	%smy	Count	t/ha	%smy	Count	t/ha	%smy	Count
Baxter	3.33	100	20	3.76	100	11	2.90	97	25
EGA Gregory	3.72	111	20	3.97	105	11	3.27	109	25
Impala	3.64	109	13	3.97	105	8	3.27	109	14
Kennedy	3.29	98	20	3.62	96	11	2.82	94	25
Lang	3.31	99	20	3.70	98	10	2.91	97	25
Orion	3.76	112	5	3.84	102	7	3.13	104	8
QALBIS				3.37	89	5			
Spitfire	3.40	102	20	3.88	103	11	3.10	103	25
Sunvale	3.27	98	7	3.76	99	5	2.96	99	12
Site Mean Yield	3.35		20	3.78		11	3.00		25



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