

Condo[®]



- ✓ Elite yielding 'quick' maturing variety for south and central west NSW
- ✓ High and stable grain yield in low-medium rainfall areas
- ✓ Excellent physical grain quality package
- ✓ AH quality classification
- ✓ Good stem and leaf rust resistance
- ✓ Good CCN and black point resistance
- ✓ Tolerant of acid soils
- ✗ Moderately susceptible/susceptible to stripe rust



Breeding

Condo[®] was tested as VX1634, and is derived from a cross between a high yielding AGT breeding line and Young[®].

Plant Characteristics

Condo[®] is a fully awned spring wheat. Condo[®] is early maturing, slightly quicker than Corack[®] and Spitfire[®], quicker than Ventura[®], similar to Livingston[®] and H45[®], and slower than Emu Rock[®]. Condo[®] has a tall plant type with medium straw strength, and offers good tolerance to acid soils.

Adaptation and Fit

Condo[®] is well adapted to low and medium rainfall regions of central west NSW and north central/north eastern Victoria. Condo[®] has consistently yielded well in low-medium rainfall environments (Table 1). Condo[®] is suited to growers looking for an early maturing AH quality variety with a solid disease resistance package and very good physical grain quality.

Grain Quality

Condo[®] has an AH quality classification in the South Eastern Zone (sNSW) and the Southern Zone (Vic). Condo[®] is less susceptible to pre-harvest sprouting than Lincoln[®] and Ventura[®], but more susceptible than Corack[®] and Livingston[®]. Condo[®] has excellent grain size and test weight, and carries good resistance to black point.

Disease Profile

Condo[®] offers a good disease resistance profile, with high levels of resistance to stem and leaf rust. Condo[®] is moderately susceptible/susceptible to stripe rust, and therefore vigilant monitoring of crops will need to be carried out by growers, as well as the application of appropriate fungicides aimed at preventing infection by stripe rust. Condo[®] is moderately resistant to CCN, while being moderately susceptible to yellow leaf spot, Septoria *tritici* blotch and root lesion nematode (*P. thornei*). See Table 2 for detailed disease ratings.

Table 1. Predicted yields of Condo[®] and control varieties (yield % of trial mean) in southern NSW/northern Vic regions from NVT long term MET analysis (2009-2013).

Variety	South West NSW	South East NSW	North Central Vic	North East Vic
Condo[®]	113	116	110	109
Corack [®]	104	104	106	106
Dart [®]	101	98	103	105
Emu Rock [®]	102	101	104	104
Lincoln [®]	105	107	104	103
Livingston [®]	103	103	101	99
Spitfire [®]	102	100	103	105
Suntop [®]	109	111	107	106
<i>Mean yield (t/ha)</i>	<i>3.4</i>	<i>3.6</i>	<i>3.6</i>	<i>3.7</i>

Table 2. Disease ratings for Condo[®] and control varieties.

Variety	Stem Rust	Stripe Rust	Leaf Rust	CCN	Yellow Leaf Spot	Septoria tritici Blotch	Black Point	Acid Soils Tolerance
Condo[®]	MR*	MS-S*	MR*	MR*	MS*	MS*	MR*	MT*
Corack [®]	MR	MS	MS	R-MR	MR	S-VS	MS-S	T-MT
Dart [®]	MR	MR	MR	S	MS	VS	MR-MS	MT
Emu Rock [®]	MR-MS	MR-MS	MS-S	MS	MR-MS	S-VS	MS	-
Lincoln [®]	MR	R-MR	MR	S	MS	S	MR-MS	MT-MI
Livingston [®]	MR-MS	MR-MS	R	MS	MS	S-VS	MR-MS	I
Spitfire [®]	MR	MR	MS	MS	MS-S	MS-S	S	MT-MI
Suntop [®]	MR	MR	R	S	MS-S	MS	MR	MT

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, -=Insufficient Data, *=Preliminary rating, to be used with caution. Source: NSW DPI Winter Crop Variety Sowing Guide 2014.



Seed Availability

Commercial quantities of Condo[®] may be available through AGT Affiliates, or your local seed retailer. Please consult the AGT website for AGT Affiliate contact details.

Growers who purchase seed from a recognised seed retailer will be able to trade Condo[®] seed with other growers upon the completion of a Licence Agreement as part of AGT's Seed Sharing Initiative.



PBR and EPR

Condo[®] is 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. Condo[®] growers will be subject to a Growers Licence Agreement that acknowledges that an EPR of \$3.25/tonne + GST has to be paid on all production other than seed saved for planting.



Acknowledgements

Condo[®] was bred and selected by AGT's Wagga Wagga (formerly Horsham) wheat breeding programme. The name Condo continues in the breeding programmes tradition of naming wheat varieties after towns and localities (Condobolin).



More Information

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