



## Wheat disease update for 2016

Disease resistance ratings for wheat varieties grown in Western Australia are provided below. Additional information on diseases and disease management can be obtained on [agric.wa.gov.au/cropdisease](http://agric.wa.gov.au/cropdisease).

**Table 1. Disease resistance for wheat varieties grown in WA in 2016**

Variety	Grade	Septoria nodorum blotch	Septoria tritici blotch	Yellow spot	Stem rust	Stripe rust	Leaf rust	Powdery mildew	Flag smut	Common bunt	RLN (P. quasitereoides (formerly P. teres)	RLN (p.neglectus)	CCN	Crown Rot
Arrino	ASWN	MSS	MS	MSS	SVS	S	S	MR	MSS	MS	S	S		
Binnu <sup>(d)</sup>	ASWN	MSS	S	MSS	S/RMR	RMR*	MS#	MR	MSS	S	Sp	S		
Bonnie Rock <sup>(d)</sup>	AH	MSS	S	MRMS	MSS	VS	S	S	S	MS	S	S	S	
Bremer <sup>(d)</sup>	AH	MS	S	MSS	RMR	MR*	MR	S	S	RMR				S
Calingiri	ASWN	MSS	S	MSS	S	S	MS#	S	RMR	MRMS	S	SVS		S
Carnamah	AH	MS	SVS	MS	MRMS	S	MS	S	MSS	MS	SVS	SVS	S	
Clearfield Stl <sup>(d)</sup>	APWImi	MRMS	MSS	MSS	RMR	S	SVS	SVS	MS	MS		S		
Cobra <sup>(d)</sup>	AH	MRMS	S	MRMS	RMR	MSS	MR	MSS	MS	SVS	MSp	MSS	MS	S
Corack <sup>(d)</sup>	APW	MSS	S	(MR)	MR	MS	S	SVS	MRMS	MSS	MSS	MSS	RMR	S
Correll <sup>(d)</sup>	APW	S	SVS	SVS	MRMS	MRMS	MSS	MSS	R	MS	S	MSS	MR	S
Cutlass <sup>(d)</sup>	APW			MSS	R	RMR*	RMR						MR	
Eagle Rock <sup>(d)</sup>	AH	MS	S	S	MR	MS	RMR	MSS	S	MRMS	S	MSS	S	
Emu Rock <sup>(d)</sup>	AH	SVS	S	MRMS	MRMS	MRMS	S	S	R	S	MRMS	MSS	MS	MS
Endure <sup>(d)</sup>	APW	MRMS	S	S	RMR	RMR*	MRMS	MSS	R	MSS	Sp	MSS		
Envoy <sup>(d)</sup>	APW	MSS	S	S	MR	RMR*	R#	S	R	MS		VS	MRMS	S

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Eradu <sup>(D)</sup>	ASWN	S	S	MSS	MR	SVS	S	MRMS	MSS	S		MS		
Espada <sup>(D)</sup>	APW	MS	S	MS	MR	R*	R	MSS	MR	S		S	MS	S
Estoc <sup>(D)</sup>	APW	MS	S	MSS	MR	MR*	MRMS#	S	MRMS	MR		SVS	MR	MS
Fortune <sup>(D)</sup>	ASWN	MSS	MS	MS	MS	MS	MRMS	MRMS	R	MR	Sp	MS		S
Frame	APW	MS	MSS	S	MRMS	MS	MS	MRMS	RMR	MS		MSS	MR	
GrenadeCLPlus <sup>(D)</sup>	APWImi	MSS	MSS	S	MR	RMR	MS#	MS	MR	SVS		S^	R	S
Halberd	APW	S	S	S	S	MRMS	MS	SVS	MRMS	S		S^	S	
Harper <sup>(D)</sup>	APW	MS	S	S	MRMS	RMR	MRMS	MSS	RMR	MSS		S^	MRMS	S
Hydra <sup>(D)</sup>	APW	MSS	MRMS	MRMS	MR*	MS	MRMS#	SVS	SVS	VS				
Impress CL Plus <sup>(D)</sup>	APWImi	MSS	S	MRMS	MR	MSS	R	SVS	MSS	RMR				
Justica CL Plus <sup>(D)</sup>	APWImi	MS	SVS	S	MR	RMR*	MS#	MSS	RMR	SVS	SVS	SVS	MS	S
King Rock <sup>(D)</sup>	AH	MSS	S	MRMS	MRMS	RMR*	MRMS	S	SVS	MSS		MSS		S
Kunjin <sup>(D)</sup>	ASFT	MSS	S	MSS	MRMS	MS	MRMS	S	S	MSS		SVS		MSS
Mace <sup>(D)</sup>	AH	MS	S	MRMS	MR	RMR*	MS#	MSS	S	MR	MRMS	MS	MRMS	S
Magenta <sup>(D)</sup>	APW	MRMS	MRMS	(MR)	RMR	MS	R*	MRMS	MSS	S	MSS	MSS	MSS	MSS
Sapphire <sup>(D)</sup>	AH	MSS	MRMS	MSS	RMR	MSS	RMR*	S	MRMS	MS	S	MSS	S	
Scepter <sup>(D)</sup>	AH			MRMS	MR	MR*	MR#						MRMS	
Scout <sup>(D)</sup>	APW	SVS	S	SVS	MR	RMR*	R#	MSS	MR	MSS	Sp	MSS	R	S
Stiletto <sup>(D)</sup>	APW	MS	MSS	S	MR	MSS	S	MSS	MS	MS	MRMS	MS	S	
Supreme <sup>(D)</sup>	ASWN	S	MS	MS	RMR	MR*	RMR	MS	MS	SVS				MSS
Tammarin Rock <sup>(D)</sup>	AH	MSS	S	SVS	MRMS	MSS	MS#	S	RMR	MR	SVSp	MS		
Trojan <sup>(D)</sup>	APW	MS	S	MSS	MRMS	MR	MR	S	SVS	S	MRMSp	MSS	MS	MS

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Wedin <sup>(D)</sup>	ASFT	MSS	MR	MSS	RMR	MS	R*	S	MRMS	MSS	MRMSp	MSS		
Westonia	APW	MSS	SVS	MSS	SVS	VS	MS	S	SVS	S	S	SVS	S	S
Wyalkatchem <sup>(D)</sup>	APW	MSS	S	(MR)	MS	S	MSS#	SVS	SVS	RMR	MSS	MRMS	S	S
Yitpi <sup>(D)</sup>	AH	MS	MRMS	SVS	S	MRMS	MSS	MRMS	MR	S	MS	MSS	MR	S
Zen <sup>(D)</sup>	ASWN	MRMS	MSS	MRMS	MSS	MR	RMR#	SVS	MS	MRMS			S	S

Disease ratings: VS = Very susceptible, SVS = Susceptible to very susceptible, S = Susceptible, MSS = Moderately susceptible to susceptible, MS = Moderately susceptible, MRMS = Moderately resistant to moderately susceptible, MR = Moderately resistant, RMR = Resistant to moderately resistant, R = Resistant. No score '-' = no rating is currently available. p = Provisional assessment. / = Scores separated by '/' indicate the response to the 'currently predominant' and 'alternate' strains of stem rust existing in WA. \* = Some races in eastern Australia can attack these varieties. # = May be more susceptible to the new leaf rust pathotype. ( ) = Higher disease at some sites. Combined RLN ratings from DAFWA, SARDI(^), DPI Vic and DEEDI data. CCN ratings from SARDI data. Wallwork and Zwer (2016) Cereal Variety Disease Guide 2016, Factsheet Feb 2016. R=resistant - nematode numbers will decrease when this variety is grown. MR=moderately resistant - nematode numbers will slightly decrease when this variety is grown. MS=moderately susceptible - nematode numbers will slightly increase when this variety is grown. S=susceptible - nematode numbers will increase greatly when this variety is grown. Crown rot ratings from SARDI data 2009-2014 (Butt, Edmondson, and Wallwork), Qld data 2009-2014 (Bottomley, Herde, Neate, Percy, and Walters) and DPI NSW data 2013-2014 (Simpfendorfer).

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## Important disclaimer

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