

# APPENDIX 1

## ACRONYMS AND ABBREVIATIONS

<b>AH</b>	Australian Hard
<b>ANOVA</b>	Analysis of variance
<b>APW</b>	Australian Premium Wheat
<b>AWEX</b>	Australian Wool Exchange
<b>CEC</b>	cation exchange capacity
<b>CLF</b>	Clearfield®
<b>CONV</b>	conventional
<b>CSIRO</b>	Commonwealth Scientific and Industrial Research Organisation
<b>CTF</b>	controlled traffic farming
<b>CV</b>	coefficient of variation
<b>D</b>	dwarf
<b>DGT</b>	diffusive gradients in thin-films
<b>DPIRD</b>	Department of Primary Industries and Regional Development Western Australia
<b>E</b>	early
<b>EC</b>	electrical conductivity
<b>EID</b>	electronic identification
<b>EM</b>	early mid
<b>EMI</b>	Eastern Market Indicator
<b>eNVD</b>	electronic National Vendor Declarations
<b>EPR</b>	end point royalty
<b>ESP</b>	exchangeable sodium percentage
<b>ESTLI</b>	Eastern States Trade Lamb Indicator
<b>FIS</b>	frost induced sterility
<b>FS</b>	floret sterility
<b>GM</b>	genetically modified
<b>GPS</b>	global positioning system

<b>GRDC</b>	Grains Research and Development Corporation
<b>GS</b>	growth stage
<b>GSR</b>	growing season rainfall
<b>HI</b>	Harvest Index
<b>HOC</b>	humus organic carbon
<b>HRZ</b>	high rainfall zone
<b>IAM</b>	individual animal management
<b>ICC</b>	Irrigated Cropping Council
<b>IBS</b>	incorporated by sowing
<b>IMP</b>	immobilisation potential
<b>IPM</b>	integrated pest management
<b>IWM</b>	integrated weed management
<b>KPI</b>	key performance indicator
<b>L</b>	late
<b>LDL</b>	livestock data link
<b>LER</b>	Land Equivalent Ratio
<b>LM</b>	late mid
<b>LPA</b>	Livestock Production Assurance
<b>LSD</b>	least significant difference
<b>M</b>	mid
<b>MAP</b>	mono-ammonium phosphate
<b>MB</b>	microbial biomass
<b>ML</b>	mid late
<b>MR</b>	moderately resistant
<b>MRMS</b>	moderately resistant to moderately susceptible
<b>MS</b>	moderately susceptible
<b>MSA</b>	Meat Standards Australia

<b>MSS</b>	moderately susceptible to susceptible
<b>MT</b>	moderate tall
<b>N</b>	nitrogen
<b>NDVI</b>	normalised difference vegetation index
<b>NFAS</b>	National Feedlot Accreditation Scheme
<b>NFNB</b>	Net Form Net Blotch
<b>NIR</b>	near-infrared
<b>NLIS</b>	National Livestock Identification System
<b>NS</b>	not significant
<b>NS</b>	north-south
<b>NSP</b>	N supply potential
<b>NUE</b>	N use efficiency
<b>NVT</b>	National Variety Trials
<b>OP</b>	open-pollinated
<b>P</b>	phosphorus
<b>PAW</b>	plant available water
<b>PBA</b>	Pulse Breeding Australia
<b>PBI</b>	phosphorus buffering index
<b>PGR</b>	plant growth regulator
<b>POC</b>	particulate organic carbon
<b>PPT</b>	P-Pickle™
<b>PSPE</b>	post-sow pre-emergence
<b>R</b>	resistant
<b>reps</b>	replicates
<b>RLEM</b>	Red Legged Earth Mite
<b>RMR</b>	resistant to moderately resistant
<b>ROC</b>	resistant organic carbon

<b>ROI</b>	return on investment
<b>RR</b>	Roundup Ready®
<b>RWA</b>	Russian Wheat Aphid
<b>S</b>	sulphur
<b>S</b>	susceptible
<b>SADGA</b>	South Australian Durum Growers Association
<b>SARDI</b>	South Australian Research and Development Institute
<b>SE</b>	south east
<b>SFNB</b>	spot form of net blotch
<b>SFS</b>	Southern Farming Systems
<b>Sig. diff.</b>	significant difference
<b>SOM</b>	soil organic matter
<b>SVS</b>	susceptible to very susceptible
<b>T</b>	tall
<b>TD</b>	tall dwarf
<b>TOS</b>	time of sowing
<b>TSW</b>	thousand seed weight
<b>TT</b>	triazine tolerant
<b>UAV</b>	unmanned aerial vehicle
<b>VL</b>	very late
<b>VNTFA</b>	Victorian No-Till Farming Association
<b>VRA</b>	variable rate application
<b>VRT</b>	variable rate technology
<b>VS</b>	very susceptible
<b>WUE</b>	water use efficiency
<b>Z</b>	Zadok's scale
<b>Zn</b>	zinc