

Wheat Receival Standards SA Season 2005/2006

- The following standards apply to all AWB Limited wheat receivals and to wheat receivals for other clients wishing to adopt these Standards.
- This chart is designed as a quick reference guide only. For a full description of each Standard refer to section 4 in the Commodity Classification Manual.
- Nil is a zero level in a half litre sample, or detected at any stage of the receival process.

CATEGORY		BIN Grades		LIMITS/TOLERANCE					
		H1	H2	APW1	ASW1	AGP1	FED 1		
		Test Code							
1	VARIETY	VR	Check Wheat Variety Codes Summary Chart						
2	TEST WEIGHT	Min (Kg/hl) TW	74			68	62		
3	MOISTURE CONTENT	Max % MO	13.5						
4	PROTEIN	Min % PR	13.0%	11.5%	10.5%	NA			
5	UNMILLABLE MATTER								
	SCREENING ASSESSMENT (BELOW) Screenings. The total material passing through a 2mm screen.	Max (% by weight) SC	5.0	5.0❖ Subject to DBS	5.0❖ Subject to DBS	5.0❖ Subject to DBS	10.0	15.0	
	UNMILLABLE MATERIAL ABOVE THE SCREEN Unmillable material remaining above the screen	Max (% by weight) SA	0.6	0.6	0.6	0.6	1.2	2.6	
	SMALL FOREIGN SEEDS All seeds (which are not wheat) passing through a 2mm screen and which do not have a tolerance in Type 1-8 (See below)	Max (% by weight) SS	0.6	0.6	0.6	0.6	1.2	1.2	
6	DEFECTIVE GRAINS MAXIMUM % BY COUNT, 300 GRAIN SAMPLE UNLESS OTHERWISE STATED		No Falling Number Equipment on site						
A	SPROUTED GRAINS (300 grain sample)	Max % by count SP	NIL						NA
	Site daily running sample		300	300	300	300	200	NA	
	Minimum falling number (Seconds)		Falling number equipment is on site						
		FN	300	300	300	300	200	NA	
B1	STAINED GRAINS of which (300 grain sample)	Max % by count FS	5	5	5	5	15	50	
B2	PINK GRAINS (300 grain sample)	Max % by count PF	2	2	2	2	5	5	
C	DRY GREEN, SAPPY OR FROST DISTORTED GRAINS (300 grain sample)	Max % by count GS	1	1	1	1	10	NA	
D	HEAT DAMAGED, BIN BURNT OR STORAGE MOULD AFFECTED GRAINS	Entire Load	NIL						
E	FIELD FUNGI AFFECTED GRAINS	Max Count Per half litre	NIL						
F	ROTTED GRAINS	Entire Load	NIL						
G	GRAINS INFECTED WITH BALL SMUT (STINKING SMUT OR BUNT)	Entire Load	NIL						
H	INSECT DAMAGED GRAINS (300 grain sample)	Max % by count ID	1	1	1	1	2	4	
I	STAINING DUE TO MOIST PLANT MATERIAL (300 grain sample)	Max % by count MP	1	1	1	1	5	NA	
J	HEAD SCAB AFFECTED GRAINS (300 grain sample)	Max % by count	1						
K	TAKEALL AFFECTED GRAINS (300 grain sample)	Max % by count TA	1	1	1	1	1	NA	
L	WHITE GRAIN DISORDER (300 grain sample)	Max % by count WG	2	2	2	2	5	NA	
7	CONTAMINANTS – MAXIMUM COUNT PER ½ LITRE UNLESS OTHERWISE STATED								
A	PICKLING COMPOUNDS	Entire Load	NIL						
B	CHEMICALS NOT APPROVED FOR GRAIN - Where a grower nominates, or you suspect, that a chemical has been applied to the grain, then contact your Business Centre for advise.	Entire Load	NIL						
C	SEED CONTAMINANTS Tolerances for "Seed contaminants" apply to whole seeds or their equivalent in pieces per ½ litre (above & below the screen). Tolerances stated in the table refer to the total of all seeds named in each type, EXCEPT for Type 1 which are tolerances for individual seeds. Any seed pods detected must be opened and the seeds counted for inclusion in the tolerance specified.								
	Type 1 Individual (Per half litre)	Max Per Species S1	8						
	Type 2 Total (Per half litre)	Max S2	NIL						
	Type 3a Total (Per half litre)	Max 3A	2						
	Type 3b Total (Per half litre)	Max 3B	4						
	Type 3c Total (Per half litre)	Max 3C	8						
	Type 4 Total (Per half litre)	Max S4	20						
	Type 5 Total (Per half litre)	Max S5	40						
	Type 6 Total (Per half litre)	Max S6	10	10	10	10	50	50	
	Type 7 Total (Per half litre)	Max S7	1	1	1	1	10	100	
	Type 8 Total (Per half litre)	Max S8	50	50	50	50	150	400❖	
	❖ No limit for Durum in Feed								
D	ERGOT	Max	Total No. of pieces in ½ litre not to exceed 2cm in length						
(1)	RYEGRASS ERGOT – (when aligned end to end.)								
(2)	WHEAT ERGOT – The tolerance refers to the number of pieces per half litre.	Max	1						
E	Objectionable Material (ENTIRE LOAD)								
(a)	Sticks A stick is defined as ligneous material greater than 1cm in length and 0.5cm in diameter								
(b)	Stones A stone or gravel is defined as being greater than 2mm in length and or diamete		NIL						
(c)	Odour A commercially unacceptable odour is defined as sour or musty odour imparted on the wheat that is not considered natural, which may or may not be physically detectable through the presence of foreign material								
(d)	Water The addition of water to grain prior to delivery is a prohibited practice								
(e)	Other Foreign material such as animal excreta, glass, concrete or metal								
F	TAINTING AGENT – Arises from contaminants imparting a smell or taint to wheat, including, but not limited to, plant parts and seeds of Eucalyptus spp.	Entire Load	NIL						
G	Other Non-Objectionable Material	Max (% by weight) OM	0.1	0.1	0.1	0.1	0.1	0.2	
H	EARTH AND SAND								
(1)	Sand applies to grains of sand between 16 to 2mm in size (count per ½ litre)	Max ES	20	20	20	20	50	50	
(2)	Earth applies to any clod of earth less than 5mm in diameter (count per ½ litre)	Max EA	1	1	1	1	3	6	
I	GRAIN INSECTS								
(1)	Live Stored Grain Insects (Including Live Pea Weevil).	Entire Load	NIL						
(2)	Dead stored grain Insects (except dead Pea Weevil, maximum of 3 for all grades).	Count Per ½ litre Max	5						
J	EARCOCKLE - Number of galls	Count Per ½ litre Max EC	10	10	10	10	15	50	
K	FIELD INSECTS								
(1)	Tolerances are for dead or live field insects and refer to whole bodies or body portions. With the exception of Grasshoppers six legs, three body parts or two wings or part thereof, constitutes one entire insect respectively.	Count Per ½ litre Max	3						
(2)	Sitona Weevil.	Count Per ½ litre Max	10						
L	SNAILS "Snails" tolerances refer to whole bodies, substantially whole (more than half) snail shells, irrespective of size (live or dead)	Max SNR & SRC Count Per ½ litre	1	1	1	1	10	10	
M	LOOSE SMUT - Tolerances for this contaminant refer to the number of blackened pieces of the wheat ear.	Count Per ½ litre Max	3						