

AUH2 & AUW1 WHEAT Receival Standards SOUTH AUSTRALIA Season 2009/2010

AUH2 – Australian Hard Varieties Utility Grade

AUW1 – Various Varieties EXCEPT FEED Utility Grade

The following standards are based on **GTA Standards** and apply to wheat receivals for ALL clients wishing to receive into ABB Grain Ltd S&H. These standards are to be applied on individual truck loads and must not be averaged over a number of loads.

CATEGORY		BIN GRADES Test Code	AUH2	AUW1
1	VARIETY Check Wheat Variety Code Summary Chart	VR		
2	TEST WEIGHT	Min (Kg/hl) TW	71	68
3	MOISTURE CONTENT	Max % MO	13.5	13.5
4	PROTEIN	Min % PR	11.5	10.5
5	UNMILLABLE MATTER			
	UNMILLABLE MATERIAL BELOW THE SCREEN (SCREENINGS) Screenings. The total material passing through a 2.0 mm screen after 40 shakes	Max (% by weight) SC	10	25
	UNMILLABLE MATERIAL ABOVE THE SCREEN Whiteheads (Grain Removed) Chaff, Backbone, Wild Radish Pods, Milk Thistle pods and other seed pods not otherwise listed	Max (% by weight) SA	1.2	2.6
	SMALL FOREIGN SEEDS All seeds (which are not wheat) passing through a 2mm screen and to which do not have a tolerance in Type 1-8 (See below)	Max (% by weight) SS	1.2	1.2
6	DEFECTIVE GRAINS MAXIMUM % BY COUNT, 300 GRAIN SAMPLE UNLESS OTHERWISE STATED			
A	SPROUTED GRAINS	NO Falling Number Unit on Site (300 grain sample) Max % by count SP	NIL	NIL
	Falling number site daily running sample (Sec) Min		250	250
	Falling number (Sec) Min	Falling number equipment on site FN	250	250
B1	STAINED GRAINS (including Staining Due to Moist Plant Material) of Which	(300 grain sample) Max % by count FS	15	15
B2	PINK STAINED	(300 grain sample) Max % by count PF	2	5
C	DRY GREEN OR SAPPY	(300 grain sample) Max % by count GS	2	5
D	FROST DAMAGED GRAINS	(300 grain sample) Max % by count FR	2	10
E	INSECT DAMAGED GRAINS	(300 grain sample) Max % by count ID	1	2
F	TAKEALL AFFECTED GRAINS	(300 grain sample) Max % by count TA	2	1
G	HEAT DAMAGED, BIN BURNT, STORAGE MOULD AFFECTED GRAINS, ROTTED GRAINS	Entire Load	NIL	NIL
H	GRAINS INFECTED WITH BALL SMUT (STINKING SMUT OR BUNT)	Entire Load	NIL	NIL
I	OVER DRIED DAMAGED GRAINS	(300 grain sample) Max % by count	NIL	NIL
J	FIELD FUNGI AFFECTED GRAINS (Includes Black Field Fungi, Head Scab & White Grain Disorder)	Max count per ½ litre FF	20	40
7	CONTAMINANTS – MAXIMUM COUNT PER ½ LITRE UNLESS OTHERWISE STATED			
A	PICKLING COMPOUNDS	Entire Load	NIL	
B	CHEMICALS NOT APPROVED FOR STORED GRAIN - Where a grower nominates, or you suspect, that a chemical has been applied to the grain, then contact your Business Centre for advice.	Entire Load	NIL	
C	FOREIGN SEED CONTAMINANTS Tolerances for Foreign 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.			
	Type 1 Individual (Per half litre)	Max Per Species S1	8	8
	Type 2 Total (Per half litre)	Max S2	NIL	NIL
	Type 3a Total (Per half litre)	Max 3A	2	2
	Type 3b Total (Per half litre)	Max 3B	4	4
	Type 3c Total (Per half litre)	Max 3C	8	8
	Type 4 Total (Per half litre)	Max S4	20	20
	Type 5 Total (Per half litre)	Max S5	40	40
	Type 6 Total (Per half litre)	Max S6	50	50
	Type 7 Total (Per half litre)	Max S7	10	10
	Type 8 Total (Per half litre)	Max S8	150	150
D	ERGOT			Total No. of pieces in ½ litre not to exceed 2cm in length
(1)	RYEGRASS ERGOT – (when aligned end to end.)	Max RE		
(2)	CEREAL ERGOT – The tolerance refers to the number of pieces per half litre.	Max CE		1
E	OBJECTIONAL MATERIAL (ENTIRE LOAD)			NIL
(a)	Sticks A stick is defined as ligneous material greater than 1cm in length and 0.5cm in diameter. Note that stubble greater than 3cm in length and 1cm in diameter is defined as a stick.			
(b)	Stones A stone or gravel is defined as being greater than 2mm in length and or diameter.			
(c)	Odour A commercially unacceptable odour is defines 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)	Tainting Agents Any contaminant that imparts a smell or taint to wheat, includes but is not limited to, plant parts and seed of <i>Eucalyptus spp.</i>			
(e)	Restricted Animal Material Presence of meat meal, blood meal, poultry offal meal or any other animal proteins. Restricted material also includes carcasses of dead animals such as rats and mice.			
(f)	Other Foreign material such as animal excreta, glass, concrete or metal.			
(g)	Water The addition of water to grain prior to delivery is a prohibited practice.			
F	OTHER NON-OBJECTIONABLE MATERIAL	Max % by weight OM	0.1	0.1
G	(1) SAND applies to grains of sand between 0.06mm to 2mm in size	Count per ½ litre Max ES	50	50
(2)	EARTH – 5 mm Maximum in diameter	Count per ½ litre Max EA	3	3
H	STORED GRAIN INSECTS		NIL	NIL
(1)	Live Grain Insects , including Live Pea Weevil	Entire Load		
(2)	Dead Stored grain Insects	Count per ½ litre Max DI	5	5
(3)	Pea Weevil Dead	Count per ½ litre Max PW	3	3
I	EARCOCKLE - Number of galls	Count per ½ litre Max EC	10	15
J	FIELD INSECTS			
(1)	Tolerances are for Dead or Alive 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 FI	3	3
(2)	Sitona Weevil - Live or dead	Count per ½ litre Max SI	10	10
K	SNAILS – Dead or Alive Tolerances refer to whole bodies, substantially whole (more than half) snail shells, irrespective of size	Count per ½ litre Max SNR & SRC	1	10
L	LOOSE SMUT - Tolerances for this contaminant refer to the number of blackened pieces of the wheat ear.	Count per ½ litre Max LS	3	3