

DURUM Wheat Receival Standards SOUTH AUSTRALIA Season 2008/2009

1. The wheat must be of the varieties Arrivato(A8), EGA Bellaroi (E9), Gunderoi (G17), Jandaroi (J4), Kalka (K21), Kamilaroi (K8), Tamaroi (T15), Wollaroi (W9), Yallaroi (Y2).

CATEGORY			BIN Grades Test Code	LIMITS/TOLERANCE						
				DR1	DR2	DR3	FED 1			
1	VARIETY		VR	Check Wheat Variety Code Summary Chart						
2	TEST WEIGHT	Min (Kg/hl)	TW	74	74	71	62			
3	MOISTURE CONTENT	Max %	MO	13.5						
4	PROTEIN	Min %	PR	13.0	11.5	10.0	NA			
5	UNMILLABLE MATTER									
	UMILLABLE MATERIAL BELOW THE SCREEN (SCREENINGS) Screenings – The total material passing through a 2.0 mm screen after 40 shakes	Max % by weight	SC	5.0		10.0	15.0			
	UNMILLABLE MATERIAL ABOVE THE SCREEN Whiteheads (Grain Removed) Chaff, Backbone, Wild Radish, Milk Thistle, other seed pods	Max % by weight	SA	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	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						
		Falling number site daily running sample (Sec) Min		300	300	200	NA			
		Falling number (Sec) Min		Falling Number Equipment is on site						
			FN	300	300	200	NA			
B1	STAINED GRAINS(including Staining Due to Moist Plant Material) of Which (300 grain sample)	Max % by count	FS	3	5	20	50			
B2	PINK STAINED (300 grain sample)	Max % by count	PF	2	2	5	5			
C	DRY GREEN OR SAPPY (300 grain sample)	Max % by count	GS	1	2	2	NA			
D	FROST DAMAGED GRAINS (300 grain sample)	Max % by count	FR	1	2	2	NA			
E	HEAT DAMAGED, BIN BURNED, STORAGE MOULD AFFECTED GRAINS, ROTTED GRAINS	Entire Load		NIL						
F	GRAINS INFECTED WITH BALL SMUT (STINKING SMUT OR BUNT)	Entire Load		NIL						
G	OVER DRIED DAMAGED GRAINS (300 grain sample)	Max % by count		NIL						
H	FIELD FUNGI AFFECTED GRAINS (Includes Black Field Fungi, Head Scab & White Grain Disorder)	Max count per ½ litre	FF	10	10	10	40			
I	INSECT DAMAGED GRAINS (300 grain sample)	Max % by count	ID	1	1	1	4			
J	TAKEALL AFFECTED GRAINS (300 grain sample)	Max % by count	TA	1	1	1	NA			
K	VITREOUS - ASSESSED USING THE CERVITEC ONLY		VK	80	70	NA	NA			
L	BREAD WHEAT (300 grain sample)	Max % by count	BR	3	3	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	FOREIGN 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	50	50			
	Type 7 Total (Per half litre)	Max	S7	1	1	10	100			
	Type 8 Total (Per half litre)	Max	S8	50	50	150	400❖			
	❖ No limit for Durum in Feed									
D	ERGOT			Total No. of pieces in ½ litre not to exceed 2cm in length						
(1)	RYEGRASS ERGOT – (when aligned end to end.)	Max								
(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. 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 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)	Tainting Agents	Any contaminant that imparts a smell or taint to wheat, includes but is not limited to, plant parts and seeds 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	0.1	0.2	
G	(1)	SAND applies to grains of sand between ¼16 to 2mm in size	Count per ½ litre	Max	ES	20	20	20	50	
	(2)	EARTH applies to any clod of earth less than 5mm in diameter	Count per ½ litre	Max	EA	1	1	1	6	
H	STORED GRAIN INSECTS									
(1)	Live Stored Grain Insects (Including Live Pea Weevil).			Entire Load		NIL				
(2)	Dead stored grain Insects			Count per ½ litre	Max	DI	5			
(3)	Pea Weevil Dead			Count per ½ litre	Max		3			
I	EARCOCKLE - Number of galls			Count per ½ litre	Max	EC	10	10	10	50
J	(1)	FIELD INSECTS Tolerances are for Live or Dead 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			
	(2)	Sitona Weevil. - Live or dead		Count per ½ litre	Max	SI	10			
K	SNAILS “Snails” tolerances refer to whole bodies, substantially whole (more than half) snail shells, irrespective of size (live or dead)			Count per ½ litre	Max	SNR & SRC	1	1	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			

Note: Loads that don't comply with minimum standards for Durum are to be classified as FED1 wheat. (Loads must also conform to the wheat receival standards for FED1 to be classified as FED1) Where a load is classified at a grade lower than DR1, record on the Transaction the additional test with the appropriate Test Code and Value.