

Barley Receival Standards SA Season 2007/2008

	MALTING BARLEY		FEED BARLEY		
	MALT 1	FEED 1	FEED 2	FEED 3	
Baudin	BA1				
Franklin	FR1				
Gairdner	GA1				
Schooner	SC1				
Sloop	SL1				
Sloop SA					
Sloop VIC					
CODE					

These Standards are to be applied on individual truck loads and must not be averaged over a number of loads

1	VARIETAL PURITY	Min %		95	All 2 Row Varieties			
2	TEST WEIGHT	Min (kg/hl)	TW	65.0	62.5	60.0	55.0	
3	MOISTURE	Max %	MO	13.5				
4	PROTEIN CONTENT	Min %	PR	9.0	NA			
		Max %		12.0	NA			
5	RETENTION	Above 2.5mm Agtator screen (all varieties except Franklin)	Min % by weight	RT	70.0	NA		
6	Screenings	Below 2.2mm Agtator screen (all varieties except Franklin)	Max % by weight	SC	7.0	15	25	60
	Screenings	Below 2.2mm Agtator screen (Franklin Malting Barley only)	Max % by weight	SC	10.0	15	25	60
7	GERMINATIVE ENERGY (Late deliveries only, after 1 st March)	Min %	GE	95	NA			
8	GERMINATIVE CAPACITY (Late deliveries only, after 1 st March)	Min %	GC	98	NA			
9	RVA (Rapid Visco Analyser)	Min %	RV	130	NA			
10	DEFECTIVE BARLEY GRAINS - Maximum tolerance % by Count							
A	Shot and Sprouted Grains	(count per 100 grains)	SH	NIL	Free from root system	5 sprouted	No limit	
	Split germ and / or a more advanced stage in which germ is grown		SP					
B	Dark Tip / Field Fungi of Which	(count per 100 grains)	DC	10	NA			
	Field Fungi	(count per 100 grains)	FF	5	NA			
C	Skinnings	(count per 100 grains)	SK	15	NA			
D	Bored Insect Damaged Barley	(count per half litre)	ID	10	85			
E	Split / Cleaved Barley - Internal Split	(count per 100 grains)	CB	1	NA			
F	Cracked / Broken Grains	(% weight per 100 grams)	CK	2	5	10		
G	Frost Damaged	(count per 100 grains)	FR	5	10	20		
H	Dry Green Sappy Barley	(count per 100 grains)	GB	1	NA	NA		
I	Heat Damaged, Bin Burnt or Storage Mould	(count per half litre)			NIL			
11	GRAIN CONTAMINANTS - Tolerances apply to whole seeds or their equivalent in pieces and refer to the maximum total of all seeds named in each type per half litre							
				M1	F1	F2	F3	
A	Wheat / Cereal Rye / Triticale / Rice / Cultivated Oats		FG	85	500	1500	2000	
B	Wild Oats/Wild Radish		BW	25	50	100	100	
C	Barley with Blue Aleurone Layer (6 Row)		VA	NIL	100			
D	Seed Contaminants - Tolerances apply to whole seeds or their equivalent in pieces and refer to the maximum total of all seeds named in each type per half litre, *Except type 1 and 3d in which the maximum applies on an individual seed basis per half litre							
Type 1*	Colocynth, Field Poppy, Horned Poppy, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Saffron Thistle, Wild Poppy, Cutleaf Mignonette pods		(S1)*	8			12	
Type 2	Broomrape, Castor Oil Plant, Coriander, Crow Garlic or Wild Garlic, Darling Pea, Opium Poppy, Ragweed, Rattlepods, Starburr, St Johns Wort, Parthenium Weed		(S2)	NIL				
Type 3a	Bathurst Burr, Bellvine, Bulls Head / Caltrop / Cats Heads, Cape Tulip, Cotton Seed, Dodder, Noogoora Burr, Thornapple		(3a)	2				
Type 3b	Vetch Tare, Vetch (Commercial)		(3b)	4	10	20		
Type 3c	Blue Heliotrope, Common Heliotrope		(3c)	1 pod / 4 seeds				
Type 3d*	Double Gee / Spiny Emex / Three Corner Jack, Broad Beans		(3d)*	1				
Type 4	Darnel (Drake Seed), Field Bindweed, **Hexham Scent, Hoary Cress, Mintweed, Melilot (King Island), Night Shades, Paddy Melon, Skeleton Weed, Variegated Thistle		(S4)	20	30			
Type 5	Creeping Knapweed / Russian Knapweed, Pattersons Curse / Salvation Jane, Sesbania Pea		(S5)	40	50			
Type 6	Columbus Grass, Johnson Grass		(S6)	NIL	40	80		
Type 7	Chickpeas, Clover, Corn, Cowpeas, Faba Beans, Field Peas, Lentils, Lupins, Maize, Medic Pods, Safflower, Soybeans, Sunflower and any other large (pea sized) seeds or pods		(S7)	1	10	20		
Type 8	Australian Bindweed, Bedstraw, Black Bindweed, Brome Grass, Forage Sorghum, Muskweed, Onion Weed, Phalaris Glumes, Poverty Weed, Sheep Weed, Turnip Weed and any other weeds not specified in types 1-7 or Small Foreign Seeds		(S8)	50	150	300	500	
	Small Foreign Seeds not specified in types 1-8 below 2.2mm Agtator screen	(% by weight)	SS	0.6%	1.2%	2.0%	2.5%	
	* Individual Seed Basis ** Hexham Scent is only acceptable if no tainting odour is present							
12	CONTAMINANTS - Tolerances apply to whole seeds or their equivalent in pieces and refer to the maximum total of all contaminants named in each type per half Litre *Except for stones in which the maximum applies on a one litre sample							
				M1	F1	F2	F3	
A	Cereal Smuts / Cereal Ergots			NIL				
B	Ergot of Ryegrass	(tolerance applies to the max. length in cm when pieces are aligned)	RE	0.5cm				
C	Earth	(up to Pea size pieces by count)	EA	3				
D	Sand	(Grains by count)	ES	50				
E	Stones	(units per litre)	SE	1	3	5	8	
F	Field Insects	(by count)	FI	3				
G	Sitona Weevils	(by count)	SI	10				
H	Grain Insects (1) Live Stored Grain Insects	(by count)		NIL				
	(2) Dead Stored Grain Insects	(by count)	DI	10				
I	Snails (1) Snails - Round	(Max. no. per half litre by count)	SNR	2	4	10		
	(2) Snails - Conical	(Max. no. per half litre by count)	SNC					
J	Odours, Sour and Musty (Objectionable foreign odour due to tainting agents or improper storage causing mould, souring or musty odours)			NIL				
K	Objectionable Matter (Sticks, glass, concrete, or any other commercially unacceptable contaminant, smell or taste, and Pickled Grain)			NIL				
L	Foreign Material (Other than already specified)	(Max % by weight)	TF	1%				
M	Chemical Residues (Residues of any chemical compound not approved for barley, or use in contravention of the labeled instructions)			NIL				