

Barley Receival Standards SOUTH AUSTRALIA Season 2009/2010

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

All Malting Varieties must be segregated and of the CURRENT season.

		MALT BARLEY GRADES			FEED BARLEY GRADES		
		Baudin	BA1	BA3	F1	F2	F3
		Buloke	BU1	BU3			
		Flagship	FL1				
		Franklin	FR1				
		Gairdner	GA1	GA3			
		Schooner	SC1	SC3			
		Sloop Sloop SA Sloop VIC	SL1	SL3			
		CODE					
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	12.8	NA	
5	RETENTION	Above 2.5mm Agtator screen (all varieties except Franklin)	RT	70.0	58.0	NA	
6	SCREENINGS	Below 2.2mm Agtator screen (all varieties except Franklin)	SC	7.0	NA	15	25
	SCREENINGS	Below 2.2mm Agtator screen (Franklin Malting Barley only)	SC	10.0	NA	15	25
7	GERMINATIVE ENERGY (Late deliveries only, after 1st March)	Min %	GE	95		NA	
8	GERMINATIVE CAPACITY (Late deliveries only, after 1st March)	Min %	GC	98		NA	
9	RVA (Rapid Visco Analyser)	Min Unit	RV	130		NA	
10	FALLING NUMBER	Min Seconds	FN	300		NA	
11	DEFECTIVE BARLEY GRAINS - Maximum tolerance % by Count per 100 grains UNLESS otherwise stated						
A	Shot and Sprouted Grains	(count per 100 grains)	SH	NIL		Free from root system	5 sprouted
	Split germ and / or a more advanced stage in which germ is grown		SP				No limit
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	Insect Damaged	(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	Entire Load		NIL			
12	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	M3	F1	F2
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 Coloured Aleurone Layer (Blue/Black)	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, Parthenium Weed, Saffron Thistle, Wild Poppy	(S1)*	8		12		
Type 2	Branched Broomrape, Castor Oil Plant, Coriander, Crow Garlic or Wild Garlic, Darling Pea, Opium Poppy, Peanut Seeds and Pods, Ragweed, Rattlepods, St Johns Wort, Starburr	(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	(3d)	1				
Type 4	Field Bindweed, Cutleaf Mignonette seeds or pods, Darnel (Drake Seed), **Hexham Scent/ Melilot (King Island), Hoary Cress, Mintweed, 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 Pods, Corn (Maize), Cowpeas, Faba Beans, Lentils, Lupins, Medic Pods, Peas (Field), Safflower, Soybeans, Sunflower and any other seeds or pods greater than 5 mm in diameter including Broad Beans	(S7)	1		10	20	
Type 8	6 Row Barley (white), Australian Bindweed, Bedstraw, Black Bindweed, Brome Grass, Muskweed, Onion Weed, Phalaris Glumes, Poverty Weed, Ryegrass on stalk, Sheep Weed, Sorghum Grain, Three Horn Bedstraw, Turnip Weed and any other foreign seeds 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
	* Individual Seed Basis ** Hexham Scent is only acceptable if no tainting odour is present						
13	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	M3	F1	F2
A	Foreign Material (Other than already specified)	(Max % by weight)	TF	1			
B	Cereal Smuts / Cereal Ergots		Entire Load	NIL			
C	Loose Smut	(Max grams per half litre)	LS	0.1			
D	Ryegrass Ergot	(tolerance applies to the max. length in cm when pieces are aligned)	RE	0.5cm			
E	Earth	(Max 5 mm in diameter by count)	EA	3			
F	Sand	(Grains by count)	ES	50			
G	Stones	(units per litre)	SE	1	3	5	8
H	Field Insects - DEAD or ALIVE	(by count)	FI	3			
I	Sitona Weevils - DEAD or ALIVE	(by count)	SI	10			
J	Grain Insects (1) Live Stored Grain Insects includes Pea Weevil	(by count)		NIL			
	(2) Dead Stored Grain Insects includes Pea Weevil	(by count)	DI	10			
K	Snails (1) Snails – Round - DEAD or ALIVE	(Max. no. per half litre by count)	SNR	2		4	10
	(2) Snails – Conical - DEAD or ALIVE	(Max. no. per half litre by count)	SNC				
L	Objectionable Material: Presence of meat meal, blood meal, fish meal, poultry offal meal or any other animal protein. Sticks (>1cm in length & 0.5cm in diameter), stubble (>3cm in length & 1cm in diameter), glass, concrete, metal, animal excreta, animal carcasses, tainting agents or any other commercially unacceptable contaminant, odour or taste		Entire Load	NIL			
M	Chemical Residues: Residues of any chemical compound not approved for barley, or use in contravention of the labeled instructions		Entire Load	NIL			
N	Pickling Compounds, Pickled Grains and Pink fungal stained grains		Entire Load	NIL			