

# Barley Receival Standards NSW Season 2006/2007

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

	Variety	MALTING BARLEY			FEED BARLEY	
		Malt 1	Malt 2	Malt 3	Feed 1	Feed 2
	Arapiles	AR1		AR3	F1	F2
	Baudin	BA1				
	Dhow	DH1				
	Franklin	FR1				
	Gairdner	GA1	GA2	GA3		
	Schooner	SC1	SC2	SC3		
	Sloop	SL1	SL2	SL3		
	Sloop SA					
	Sloop VIC					
<b>Varietal Purity Min (%)</b>		95				
<b>Test Weight Min (kg/hl)</b>	TW	65.0			62.5	60.0
<b>Moisture Max (%)</b>	MO	12.5				
<b>Protein Content (%) – Min</b>	PR	9.0			NA	
<b>Max</b>		12.0		12.8	NA	
<b>Retention (% by weight)</b> Above 2.5mm Agtator screen ( all varieties except Franklin) Min	RT	70	62	58	NA	
<b>Screenings (% by weight)</b> Below 2.2mm Agtator screen ( all varieties except Franklin) Max	SC	7.0	10	NA	15	25
<b>Screenings (% by weight)</b> Below 2.2mm Agtator screen (Franklin Malting Barley only) Max	SC	10.0	NA	NA	15	25
<b>Colour</b>	CO	No Limit			No Limit	
<b>Germinative Energy Min (%) (Late deliveries only after 1<sup>st</sup> March)</b>	GE	95			NA	
<b>Germinative Capacity Min (%) (Late deliveries only after 1<sup>st</sup> March)</b>	GC	98			NA	
<b>RVA (Rapid Viso Analyser) - Minimum</b>	RV	130			NA	
<b>Defective Barley Grains- Maximum tolerance % by Count</b>						
<b>Shot and Sprouted Grains</b> (count per 100 grains)	SH	NIL			Free from root system	5 sprouted
<b>Split germ and/or a more advanced stage in which germ is grown</b>	SP					
<b>Black Tip / Field Fungi</b> (count per 100 grains)	DC	10			NA	
<b>Of Which</b> <b>Field Fungi - Max</b>	FF	5			NA	
<b>Skinnings</b> (count per 100 grains)	SK	15			NA	
<b>Bored Insect Damaged Barley</b> (count per half litre)	ID	10			85	
<b>Split/Cleaved Barley - Internal Split</b> (count per 100 grains)	CB	1			NA	
<b>Cracked / Broken Grains</b> (% weight per 100 grams)	CK	2			5	
<b>Frost Damaged</b> (count per 100 grains)	FR	5			10	
<b>Dry Green Sappy Barley</b> (count per 100 grains)	GB	1			NA	
<b>Heat Damaged, Bin Burnt or Storage Mould</b> (count per half litre)		NIL				
<b>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</b>						
<b>Wheat/Cereal Rye/Triticale/Rice/Cultivated Oats</b>	FG	85			500	1500
<b>Wild Oats/Wild Radish</b>	BW	25			50	100
<b>Barley with Blue Aleurone Layer</b>	VA	NIL			100	
<b>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</b>						
<b>Type 1 :</b> Colocynth, Field Poppy, Horned Poppy, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Saffron Thistle, Wild Poppy	(S1)*	8				
<b>Type 2 :</b> Broomrape, Castor Oil Plant, Coriander, Crow Garlic or Wild Garlic, Darling Pea, Opium Poppy, Ragweed, Rattlepods, Starburr, St Johns Wort, Parthenium weed	(S2)	NIL				
<b>Type 3a :</b> Bathurst Burr, Bellvine, Bulls Head/Caltrop/Cats Heads, Cape Tulip, Cotton Seed, Dodder, Noogoora Burr, Thornapple.	(3a)	2				
<b>Type 3b :</b> Vetch Tare, Vetch (Commercial).	(3b)	4			4	10
<b>Type 3c :</b> Blue Heliotrope, Common Heliotrope.	(3c)	1 pod/4 seeds				
<b>Type 3d</b> Double Gee/Spiny Emex/Three Corner Jack, Broad Beans	(3d)	1				
<b>Type 4 :</b> Darnel (Drake Seed), Field Bindweed, **Hexham Scent, Hoary Cress, Mintweed, Melilot (King Island), Night Shades, Paddy Melon, Skeleton Weed, Variegated Thistle.	(S4)	20				
<b>Type 5 :</b> Creeping Knapweed/Russian Knapweed, Pattersons Curse/Salvation Jane, Sesbania Pea.	(S5)	40				
<b>Type 6 :</b> Columbus Grass, Johnson Grass	(S6)	NIL			40	
<b>Type 7 :</b> 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
<b>Type 8 :</b> 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 SS	(S8)	50			150	300
<b>Small Foreign Seeds not specified in types 1-8 below 2.2mm Agtator screen (% by weight)</b>	SS	0.6%			1.2%	2.0%
* Individual Seed Basis ** Hexham Scent is only acceptable if no tainting odour is present						
<b>Other 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</b>						
<b>Cereal Smuts/Cereal Ergots</b>		NIL				
<b>Ergot of Ryegrass</b> (tolerance applies to the max. length in cm when pieces are aligned)	RE	0.5cm				
<b>Earth</b> (Pea size pieces by count)	EA	3				
<b>Sand</b> (Grains by count)	ES	50				
<b>Stones</b> (count per litre)	SE	Nil				
<b>Field Insects</b> (Field Insects by count)	FI	3				
<b>Sitona Weevils</b> (Sitona weevils by count)	SI	10				
<b>Grain Insects : Live</b> (Live insect pests of stored grain by count)		NIL				
<b>: Dead</b> (Dead insect pests of stored grain by count)	DI	10				
<b>Snails</b> (Max. no. per half litre by count)						
<b>Snails – Round</b>	SNR	2			4	
<b>Snails – Conical</b>	SNC					
<b>Odours, Sour and Musty</b> (Objectionable foreign odour due to tainting agents or improper storage causing mould, souring or musty odours)		NIL				
<b>Objectionable Matter</b> (Sticks, glass, concrete, or any other commercially unacceptable contaminant, smell or taste. Fusarium (pink) fungal stained and Pickled grain.		NIL				
<b>Foreign Material:</b> (Other than already specified – Maximum % by weight.)	TF	1				
<b>Chemical Residues</b> (Residues of any chemical compound not approved for barley, or use in contravention of the labeled instructions)		NIL				