

# BARLEY RECEIVAL STANDARDS NSW 2002/2003



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

	Varietal Grade	MALTING BARLEY			FEED BARLEY	
		Malt 1	Malt 2	Malt 3	Feed 1	Feed 2
	Franklin	FR1	FR2	FR3	F1	F2
	Gairdner	GA1	GA2	GA3		
	Schooner	SC1	SC2	SC3		
	Sloop	SL1	SL2	SL3		
<b>Varietal Purity</b> min (%)		95			All 2 Row Varieties	
<b>Test Weight</b> min (kg/hl)	TW	65.0			62.5	60.0
<b>Moisture</b> max (%) – Regional variations apply	MO	12.5				
<b>Protein Content</b> (%) – Minimum	PR	9.0			NA	
Maximum		12.0		12.8	NA	
<b>Screenings (% by weight)</b> Below 2.5mm screen	SC	30.0	38.0	42.0	60.0	80.0
Below 2.2mm screen ( all varieties except Franklin)	SC	7.0	10.0	NA	NA	
Franklin Malting Barley only Below 2.2mm screen	SC	10.0	NA	NA	NA	
<b>Germinative Energy</b> min (%) (Late deliveries only after 1 <sup>st</sup> March)	GE	95			NA	
<b>Germinative Capacity</b> min (%) (Late deliveries only after 1 <sup>st</sup> March)	GC	98			NA	
<b>RVA</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
Split germ and/or a more advanced stage in which germ is grown	SP					
<b>Field Fungi and Dark Tipped Grains</b> (count per 100 grains)	DC	10			NA	
<b>Skinings</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>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>						
Wheat/Cereal Rye/Triticale/Rice/Cultivated Oats	FG	85			500	1500
Wild Oats/Wild Radish	BW	25			50	100
Barley with Blue Aleurone Layer	VA	NIL			100	
<b>Other 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 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> Castor Oil Plant, Coriander, Crow Garlic or Wild Garlic, Darling Pea, Opium Poppy, Ragweed, Rattlepods, Starburr, St Johns Wort, Broomrape.	(S2)	NIL				
<b>Type 3a :</b> Bathurst Burr, Bulls Head/Caltrop/Cats Heads, Cape Tulip, Cotton Seed, Dodder, Noogoora Burr, Thornapple, Bellvine.	(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.	(3d)	1				
<b>Type 4 :</b> Cutleaf Mignonette, Darnel (Drake Seed), Field Bindweed, **Hexham Scent, Hoary Cress, Mintweed, Melilot (King Island), Night Shades, Paddy Melon, Skeleton Weed, Variegated Thistle, ***Parthenium Weed.	(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> 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
Small Foreign Seeds not specified in types 1-8 below specified sieve (by weight)	SS	0.6%			1.2%	2.0%
* Individual Seed Basis ** Hexham Scent is only acceptable if no tainting odour is present *** Parthenium has a NIL tolerance in NSW/VIC/SA						
<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 when pieces are aligned)	RE	0.5cm				
<b>Soil</b> (Pea size pieces by count)	EA	3				
<b>Sand</b> (Grains by count)	ES	50				
<b>Stones</b> (units 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 or Mouldy grains</b> (Grain which has any commercially 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/or post-harvest mouldy grain) 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				