

BARLEY RECEIVAL STANDARDS NSW 2001/2002



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		
Varietal Purity min (%)		95	95	95	All 2 Row Varieties	
Test Weight min (kg/hl)	TW	65.0	65.0	62.5	62.5	60.0
Moisture max (%) – Regional variations apply	MO	12.5	12.5	12.5	12.8	
Protein Content (%) – Minimum	PR	8.5	8.5	8.5	No minimum	
Maximum		12.0	12.0	12.5	No maximum	
Screenings (% by weight) Below 2.5mm screen	SC	30.0	38.0	45.0	60.0	80.0
Franklin Malting Barley only Below 2.2mm screen		10.0	Na	Na	NA	
RVA	RV	130	130	130	NA	
Defective Barley Grains- Maximum tolerance by Count						
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					
Field Fungi and Dark Tipped Grains (count per 100 grains)	DC	10			NA	
Skinnings (count per 100 grains)	SK	15			NA	
Bored Insect Damaged Barley (count per half litre)	ID	10			85	
Split/Cleaved Barley - Internal Split (count per 100 grains)	CB	1			NA	
Cracked / Broken Grains (% weight per 100 grams)	CK	2			5	
Frost Damaged (count per 100 grains)	FR	5			10	
Dry Green Sappy Barley (count per 100 grains)	GB	1			NA	
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						
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	
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						
Type 1 : Colocynth, Field Poppy, Horned Poppy, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Saffron Thistle, Wild Poppy	(S1)*	8			8	
Type 2 : Castor Oil Plant, Coriander, Crow Garlic or Wild Garlic, Darling Pea, Opium Poppy, Ragweed, Rattlepods, Starburr, St Johns Wort, Broomrape.	(S2)	NIL			NIL	
Type 3a : Bathurst Burr, Bulls Head/Caltrop/Cats Heads, Cape Tulip, Cotton Seed, Dodder, Noogoora Burr, Thornapple, Double Gee/Spiny Emex/Three Corner Jack, Bellvine	(3a)	2			2	
Type 3b : Vetch Tare, Vetch (Commercial).	(3b)	4			4	10
Type 3c : Blue Heliotrope, Common Heliotrope.	(3c)	1 pod/4 seeds			1 pod/4 seeds	
Type 4 : 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			20	
Type 5 : Creeping Knapweed/Russian Knapweed, Pattersons Curse/Salvation Jane, Sesbania Pea.	(S5)	40			40	
Type 6 : Columbus Grass, Johnson Grass	(S6)	NIL			40	
Type 7 : 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 1-8 or SS	(S8)	50			150	300
Small Foreign Seeds not specified in types 1-7b 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						
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						
Cereal Smuts/Cereal Ergots		NIL			NIL	
Ergot of Ryegrass (tolerance applies to the max. length when pieces are aligned)	RE	0.5cm			0.5cm	
Soil (Pea size pieces by count)	EA	3			3	
Sand (Grains by count)	ES	50			50	
Stones (units per litre)	SE	Nil			Nil	
Field Insects (Field Insects by count)	FI	3			3	
Sitona Weevils (Sitona weevils by count)	SI	10			10	
Grain Insects : Live (Live insect pests of stored grain by count)		NIL			NIL	
: Dead (Dead insect pests of stored grain by count)	DI	10			10	
Snails (Max. no. per half litre by count)		2			2	4
Snails – Round	SNR					
Snails – Conical	SNC					
Odours, Sour and Musty or Mouldy grains (Grain which has any commercially objectionable foreign odour due to tainting agents or improper storage causing mould, souring or musty odours)		NIL			NIL	
Objectionable Matter (Sticks, glass, concrete, or any other commercially unacceptable contaminant, smell or taste. Fusarium (pink) fungal stained and/or post-harvest mouldy grain)		NIL			NIL	
Foreign Material: (Other than already specified – Maximum by weight.)	TF	1%			1%	
Chemical Residues (Residues of any chemical compound not approved for barley, or use in contravention of the labeled instructions)		NIL			NIL	