



BARLEY RECEIVAL STANDARDS 2004-2005

These Standards are to be applied on individual truck loads and must not be averaged over a number of loads
Segregations indicated on this chart are only available where announced

		MALTING BARLEY			FEED BARLEY	
		MALT 1	MALT 2	MALT 3	FEED 1	FEED 2
	Varietal/Binned Grade (at segregated nominated sites) All malting varieties must be segregated and of the current season	Arapiles BA1	AR2 BA2	AR3 BA3	F1 F1	F2 F2
		Baudin DH1	DH2	DH3	F1	F2
		Franklin FR1	-	-	F1	F2
		Gairdner GA1	GA2	GA3	F1	F2
		Grimmett GR1	GR2	GR3	F1	F2
		Lindwall LI1	LI2	LI3	F1	F2
		Schooner SC1	SC2	SC3	F1	F2
		Sloop, Sloop VIC, Sloop SA SL1	SL2	SL3	F1	F2
		Tallon TA1	TA2	TA3	F1	F2
1	Varietal Purity min (%) - 2 row barley with a white aleurone layer of sound ripe merchantable condition	95	95	95	All 2 row varieties	
2	Test Weight min (kg/hl)	65.0	65.0	65.0	62.5	60.0
3	Moisture max (%) - (Regional Variations May Apply)	12.5	12.5	12.5	12.5	12.5
4	Protein Content (%) - Minimum	9.0	9.0	9.0	No Limit	No Limit
	Protein Content (%) - Maximum	12.0	12.0	12.8	No Limit	No Limit
5A	Retention (% by weight) - Above 2.5mm Agtator screen (all varieties except Franklin) - min	70.0	62.0	58.0	No Limit	No Limit
	Screenings (% by weight) - Below 2.2mm Agtator screen (all varieties except Franklin) - max	7.0	10.0	No Limit	15.0	25.0
5B	Screenings (% by weight) - Below 2.2mm Agtator screen (Franklin malt only) - max	10.0	NA	NA	15.0	25.0
6A	Germinative Energy min (%) #	95	95	95	NA	NA
6B	Germinative Capacity min (%) (IOB 4mL Germinative Energy test is preferred and overrides Germinative Capacity test where practical) #	98	98	98	NA	NA
7	Falling Number min (seconds)	300	300	300	No Limit	No Limit
	or RVA	130	130	130	No Limit	No Limit
8	Defective Barley Grains - Maximum tolerance					
8A	Shot and Sprouted Grains (count per 100 grains) Split germ and/or a more advanced stage in which germ is grown	NIL	NIL	NIL	Free from root system	5 Sprouted
8B	Black Tip/Field Fungi (count per 100 grains) OF WHICH Field Fungi max	10	10	10	No Limit	No Limit
		5	5	5	No Limit	No Limit
8C	Skinnings (count per 100 grains)	15	15	15	No Limit	No Limit
8D	Bored Insect Damaged Barley (count per half litre)	10	10	10	85	85
8E	Split/Cleaved Barley - Internal Split (count per 100 grains)	1	1	1	No Limit	No Limit
8F	Broken Grains (% weight per 100 grams)	2	2	2	5	5
8G	Frost Damaged (count per 100 grains)	5	5	5	10	10
8H	Dry Green Sappy Barley (count per 100 grains)	1	1	1	No Limit	No Limit
8I	Heat Damaged, Bin Burnt or Storage Mould (count per half litre)	NIL	NIL	NIL	NIL	NIL
9	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.					
9A	Wheat/Cereal Rye/Triticale/Rice/Cultivated Oats	85	85	85	500	1500
9B	Wild Oats/Wild Radish	25	25	25	50	100
9C	Barley with Blue Aleurone Layer	NIL	NIL	NIL	100	100
10	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.					
TYPE	Except type (1) and (3d) in which the maximum applies on an individual seed basis per half litre.					
(1)	Colocynthis, Field Poppy, Horned Poppy, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Parthenium**, Saffron Thistle, Wild Poppy	8*	8*	8*	8*	8*
(2)	Broomrape, Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Opium Poppy, Ragweed, Rattlepods, Starburr, St Johns Wort	NIL	NIL	NIL	NIL	NIL
(3a)	Bathurst Burr, Bellvine, Bulls Head/Caltrop/Cats Heads, Cape Tulip, Cotton Seed, Dodder, Noogoora Burr, Thornapple	2	2	2	2	2
(3b)	Vetch Tare, Vetch (Commercial)	4	4	4	4	10
(3c)	Blue Heliotrope, Common Heliotrope	1 Pod / 4 Seeds	1 Pod / 4 Seeds	1 Pod / 4 Seeds	1 Pod / 4 Seeds	1 Pod / 4 Seeds
(3d)	Broad Beans, Double Gee/Spiny Emex/Three Corner Jack	1*	1*	1*	1*	1*
(4)	Darnel (Drake Seed), Field Bindweed, Hexham Scent***, Hoary Cress, Mintweed, Melilot (King Island), Night Shades, Paddy Melon, Skeleton Weed, Variegated Thistle	20	20	20	20	20
(5)	Creeping Knapweed/Russian Knapweed, Pattersons Curse/Salvation Jane, Sesbania Pea	40	40	40	40	40
(6)	Columbus Grass, Johnson Grass****	NIL	NIL	NIL	40	40
(7a)	Chickpeas, Cowpeas, Faba Beans, Field Peas, Lentils, Lupins, Maize (Corn), Medic Pods, Safflower, Soybeans, Sunflower, and any other large (pea sized) seeds or pods	1	1	1	10	20
(7b)	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 1-7a or SFS	50	50	50	150	300
SFS	Small Foreign Seeds not specified in types 1-7b below 2.2mm agtator screen (% by weight)	0.6%	0.6%	0.6%	1.2%	2.0%
	* Individual Seed Basis ** Parthenium has a NIL tolerance in NSW/VIC/SA *** Hexham Scent is only acceptable if no tainting odour is present **** Type (6) limit in QLD is 40 per half litre for all barley grades					
11	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.					
A	Cereal Smuts/Cereal Ergots	NIL	NIL	NIL	NIL	NIL
	Ergot of Ryegrass (tolerance applies to the max. length in cm when pieces are aligned)	0.5cm	0.5cm	0.5cm	0.5cm	0.5cm
	Earth (Pea size pieces by count)	3	3	3	3	3
B	Sand (Grains by count)	50	50	50	50	50
	Stones (count per litre) - (Regional Variations May Apply)	NIL	NIL	NIL	NIL	NIL
C	Field Insects (Field Insects by count)	3	3	3	3	3
	Sitona Weevils (Sitona weevils by count)	10	10	10	10	10
D	Grain Insects : Live (Live insect pests of stored grain by count)	NIL	NIL	NIL	NIL	NIL
	Grain Insects : Dead (Dead insect pests of stored grain by count)	10	10	10	10	10
E	Snails (Max. no. per half litre by count)	2	2	2	2	4
F	Odours, Sour and Musty (Objectionable foreign odour due to tainting agents or improper storage causing mould, souring or musty odours)	NIL	NIL	NIL	NIL	NIL
G	Objectionable Matter (Sticks, glass, concrete, or any other commercially unacceptable contaminant, smell or taste including Fusarium (pink) fungal stained and pickled grain)	NIL	NIL	NIL	NIL	NIL
H	Foreign Material (Other than already specified - Max. by weight) %	1%	1%	1%	1%	1%
12	Chemical Residues (Residues of any chemical compound not approved for barley, or use in contravention of the labelled instructions)	NIL	NIL	NIL	NIL	NIL

Not to be assessed at Sample Stand unless otherwise advised

NA = Not Applicable

This chart is based on NACMA standards CSG-10, CSG-11, CSG-20, CSG-21 and CSG-22