

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

Test Code	Description	MALTING BARLEY			FEED BARLEY	
		AD1	AD2	AD3	F1	F2
<b>BINNED GRADE</b> <i>All malting varieties must be segregated and of the current season</i>		Admiral	AD1	AD1	F1	F2
		Baudin	BA1	BA2	F1	F2
		Buloke	BU1	BU2	F1	F2
		Commander	CO1	CO2	F1	F2
		Fitzroy	FT1	FT2	F1	F2
		Flagship	FL1	FL2	F1	F2
		Flinders	FN1	FN2	F1	F2
		Gairdner	GA1	GA2	F1	F2
		GrangeR	GN1	GN2	F1	F2
		La Trobe	LA1	LA2	F1	F2
		Schooner	SC1	SC2	F1	F2
		Scope	SO1	SO2	F1	F2
		Westminster	WS1	WS2	F1	F2
		Wimmera	WI1	WI2	F1	F2
		All Other Varieties	-	-	F1	F2
		Hindmarsh (Food)	HIND	-	F1	F2
VARP	Varietal Purity minimum (%) (% by count) All approved 2 row malting varieties of the current season	95	95	95	All 2 row varieties	
MOGR	Moisture maximum (%)	12.5	12.5	12.5	12.5	12.5
PRGR	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
TWT	Test Weight minimum (kg/hl)	65.0	65.0	65.0	62.5	60.0
R250	Retention minimum (% by weight) Above 2.5mm Agtator screen	70.0	62.0	58.0	No Limit	No Limit
SCR5	Screenings maximum (% by weight) Below 2.2mm Agtator screen	7.0	10.0	No Limit	15.0	25.0
GMEN	Germinative Energy minimum (%) (IOB 4ml Germinative Energy test) #	95	95	95	No Limit	No Limit
GMCA	Germinative Capacity minimum (%) (IOB 4mL Germinative Energy test is preferred) #	98	98	98	No Limit	No Limit
FALL	Falling Number minimum (seconds)	300	300	300	No Limit	No Limit
RVA	or RVA minimum	130	130	130	No Limit	No Limit
<b>Defective Grain</b> – Maximum tolerance % by count per 100 Grain Sample unless otherwise stated. Sample to be taken from the bucket/representative sample. Note: NIL tolerance applies to the entire load except where stated otherwise. Defective definitions are to be read in conjunction with the photo in the Visual Recognition Standards Guide which depicts the minimum standard for a grain to be classified as defective.						
SPRO	Sprouted maximum (% by count) - Any visible evidence of the shoot or root system beginning to emerge from the germ. Note: The NIL tolerance for sprouted grains does not apply if a Falling Number analysis is conducted	NIL	NIL	NIL	NIL	5
SHOT	Shot maximum (% by count) - Note: The NIL tolerance for shot grains does not apply if a Falling Number analysis is conducted	NIL	NIL	NIL	No Limit	No Limit
FFUN	Dark Tipped/Field Fungi maximum (% by count)	10	10	10	No Limit	No Limit
FFAG	OF WHICH Field Fungi maximum (% by count)	5	5	5	No Limit	No Limit
SKIN	Skinnings maximum (% by count)	15	15	15	No Limit	No Limit
BIDB	Insect Damaged maximum (count per half litre)	10	10	10	85	85
SPCL	Cleaved maximum (% by count)	1	1	1	No Limit	No Limit
BRSB	Broken maximum (% by weight per 100g)	2	2	2	5	5
FROS	Frost Damaged maximum (% by count)	5	5	5	10	10
GREE	Dry Green or Sappy maximum (% by count)	1	1	1	No Limit	No Limit
BURN	Heat Damaged, Bin Burnt or Storage Mould (count per half litre)	1	1	1	1	5
<b>Foreign Seed Contaminants</b> – 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.						
BS1	TYPE(1): Colocynthis, Poppy (Field, Horned), Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Parthenium Weed**, Saffron Thistle, Wild Poppy	8*	8*	8*	8*	8*
BS2	TYPE(2): Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Opium Poppy, Peanut seeds and pods, Ragweed, Rattlepods, St. Johns Wort, Starburr	NIL	NIL	NIL	NIL	NIL
BS3A	TYPE(3a): Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head / Caltrop / Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	2	2	2	2	2
BS3B	TYPE(3b): Vetch (Commercial), Vetch (Tare)	4	4	4	4	10
BS3C	TYPE(3c): Heliotrope (Blue), Heliotrope (Common) - Note included in this Type are tolerances for seeds or pods	1 Pod / 4 Seeds	1 Pod / 4 Seeds	1 Pod / 4 Seeds	1 Pod / 4 Seeds	1 Pod / 4 Seeds
BS3D	TYPE(3d): Double Gees / Spiny Emex / Three Cornered Jack	1	1	1	1	1
BS4	TYPE(4): Bindweed (Field), Cut-leaf mignonette seeds or pods, Darnel (Drake Seed), Hexham Scent/ Melilot (King Island)***, Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle	20	20	20	20	20
BS5	TYPE(5): Knapweed, Paterson's Curse / Salvation Jane, Sesbania Pea	40	40	40	40	40
BS6	TYPE(6): Colomby Grass, Johnson Grass ****	NIL	NIL	NIL	40	40
BS7A	TYPE(7a): Broad Bean, Chickpeas, Clover pods, Corn (Maize), Cowpea, Faba Beans, Lentils, Lupin, Medic Pods, Peas (Field), Safflower, Soybean, Sunflower - And any other seeds or pods greater than 5mm in diameter	1	1	1	10	20
BS7B	TYPE(7b): 6 row barley, Bindweed (Australian), Bindweed (Black), Brome Grass, Muskweed, Onion weed, Phalaris Glumes, Poverty Weed, Ryegrass on stalk, Sheep weed, Sorghum, Three Horned Bedstraw, Turnip Weed - Type 7b includes any other Foreign Seeds not specified in Types 1 - 7a, in Small Foreign Seeds or listed elsewhere within these Standards	50	50	50	150	300
BS1A	Wheat, Cereal Rye, Triticale, Rice, Cultivated Oats	85	85	85	500	1500
BS1B	Wild Oats, Wild Radish	25	25	25	50	100
BBAL	Barley with Coloured Aleurone Layer (Blue or Black)	NIL	NIL	NIL	100	100
SFS	Small Foreign Seeds maximum (% by weight) - Foreign seeds not specified in TYPE(1)-TYPE(9c) falling below 2.2mm agtator screen	0.6%	0.6%	0.6%	1.2%	2.0%
* Individual Seed Basis **Parthenium Weed is 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						
<b>Other Contaminants</b> – Maximum tolerance per half litre unless otherwise stated. Note: NIL tolerance applies to the entire load except where stated otherwise. All Foreign Seed Pods not listed above such as those that are 5mm or less in diameter are included as Foreign Material, whether whole pods or part thereof.						
FM	Foreign Material maximum (% by weight) - Other than already specified.	1%	1%	1%	1%	1%
ERGC	Cereal Smut/Cereal Ergot maximum (entire load) - Includes: Ball and gall smut, other smut species, cereal ergots	NIL	NIL	NIL	NIL	NIL
LSMT	Loose Smut (weight in grams per half litre) maximum	0.1	0.1	0.1	0.1	0.1
ERGR	Ryegrass Ergot maximum (length in cm when pieces are aligned per half litre)	0.5cm	0.5cm	0.5cm	0.5cm	0.5cm
PICK	Pickling Compounds maximum (entire load)	NIL	NIL	NIL	NIL	NIL
CHEM	Chemicals Not Approved for Barley maximum (entire load)	NIL	NIL	NIL	NIL	NIL
SGIL	Stored Grain Insects and Pea Weevils: Live maximum (entire load)	NIL	NIL	NIL	NIL	NIL
INLG	Field Insects – Large, dead or alive (count per half litre) - Includes Desiantha Weevil, Hairy Fungus Beetle, Pea Weevil (Dead), Sitona Weevil, Rutherglen bugs, Ladybirds, Grasshoppers and Wood Bugs, whole or parts thereof. These are insect contaminants of grain that do not cause damage to stored grains.	3	3	3	3	3
INSM	Field Insects – Small, dead or alive (count per half litre) - Includes all species of Aphid, Minute Mould Beetle, Mites & stored grain insects (dead only) - These are insect contaminants of grain that do not cause damage to stored grains.	10	10	10	10	10
SNAL	Snails: Live or Dead maximum (count per half litre)	2	2	2	2	4
ESA	Sand / Soil maximum (count per half litre)	50	50	50	50	50
STON	Stones maximum (g per 2.5L) Maximum total weight of all Stones retained above the 2.2mm and 2.5mm screen per 2.5L	4	4	4	4	4
OBJM	Objectional Material maximum (entire load) - Presence of meat meal, blood meal, fish meal, poultry offal meal or other animal proteins. 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 (inc. plant parts and seeds of Eucalyptus spp.).	NIL	NIL	NIL	NIL	NIL

This chart is based on Grain Trade Australia (GTA) standards CSG-10, CSG-11, CSG-20, CSG-21 and CSG-22  
# Not to be assessed at Sample Stand unless otherwise advised