BARLEY RECEIVAL STANDARDS
2012-2013

THIS CHART IS INTENDED TO ACT AS A GUIDE ONLY
REFER TO GTA BARLEY STANDARDS 2012-2013 FOR CONFIRMATION

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	**Binned Grade** All malting varieties must be segregated and of the current season	MALTING BARLEY			FEED BARLEY	
	Arapiles	AR1	AR2	AR3	F1	F2
	Baudin	BA1	BA2	BA3	F1	F2
	Buloke	BU1	BU2	BU3	F1	F2
	Commander	CO1	CO2	CO3	F1	F2
	Dhow	DH1	DH2	DH3	F1	F2
	Fitzroy	FT1	FT2	FT3	F1	F2
	Flagship	FL1	FL2	FL3	F1	F2
	Gairdner	GA1	GA2	GA3	F1	F2
	Grimmett	GR1	GR2	GR3	F1	F2
	Schooner	SC1	SC2	SC3	F1	F2
	Sloop, Sloop VIC, Sloop SA	SL1	SL2	SL3	F1	F2
	Tallon	TA1	TA2	TA3	F1	F2
	All Other Varieties	-	-	-	F1	F2
	Hindmarsh (Food)	Hind				
VARP	**Varietal Purity min (%)** All approved 2 row malting varieties of the current season	95	95	95	All 2 row varieties	
MOGR	**Moisture max (%)**	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 min (kg/hl)**	65.0	65.0	65.0	62.5	60.0
RET	**Retention min (% by weight)** Above 2.5mm Agtator screen	70.0	62.0	58.0	No Limit	No Limit
SCRN	**Screenings max (% by weight)** Below 2.2mm Agtator screen	7.0	10.0	No Limit	15.0	25.0
GMEN	**Germinative Energy min (%) #** (IOB 4ml Germinative Energy test)	95	95	95	No Limit	No Limit
GMCA	**Germinative Capacity min (%)** (IOB 4mL Germinative Energy test is preferred) #	98	98	98	No Limit	No Limit
FALL	**Falling Number min (seconds)**	300	300	300	No Limit	No Limit
RVA	OR **RVA min**	130	130	130	No Limit	No Limit
	Defective Grain – Maximum tolerance count per 100 grain sample unless otherwise stated. Note: **NIL** tolerance applies to the entire load except where stated otherwise.					
SPRO	**Sprouted max** (count per 100 grains) Split germ and/or a more advanced stage in which germ is grown **Note: The NIL tolerance for sprouted grains does not apply if a Falling Number analysis is conducted**	**NIL**	**NIL**	**NIL**	**NIL**	**5**
SHOT	**Shot** (count per 100 grains) **Note: The NIL tolerance for shot grains does not apply if a Falling Number analysis is conducted**	**NIL**	**NIL**	**NIL**	**N/A**	**N/A**
BTIP	**Dark Tipped/Field Fungi max** (count per 100 grains)	10	10	10	No Limit	No Limit
FFUN	OF WHICH **Field Fungi max** (count per 100 grains)	5	5	5	No Limit	No Limit
SKIN	**Skinnings max** (count per 100 grains)	15	15	15	No Limit	No Limit
DAMI	**Insect Damaged max** (count per half litre)	10	10	10	85	85
CLD	**Cleaved max** (count per 100 grains)	1	1	1	No Limit	No Limit
BKN	**Broken max** (% by weight per 100 grams)	2	2	2	5	5
FTDG	**Frost Damaged max** (count per 100 grains)	5	5	5	10	10
GREE	**Dry Green or Sappy max** (count per 100 grains)	1	1	1	No Limit	No Limit
BURN	**Heat Damaged, Bin Burnt or Storage Mould Affected max** (entire load)	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**
	Foreign 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.					
WS1	**TYPE(1):** Colocynth, Field Poppy, Horned Poppy, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Parthenium Weed**, Saffron Thistle, Wild Poppy	8*	8*	8*	8*	8*
WS2	**TYPE(2):** Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Opium Poppy, Peanut Seeds & Pods, Ragweed, Rattlepods, Starburr, St Johns Wort	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**
WS3A	**TYPE(3a):** Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	2	2	2	2	2
WS3B	**TYPE(3b):** Vetch (Commercial), Vetch (Tare)	4	4	4	4	10
WS3C	**TYPE(3c):** Heliotrope (Blue), Heliotrope (Common) **Note: included in the 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
WS3D	**TYPE(3d):** Double Gee/Spiny Emex/Three Corner Jack	1	1	1	1	1
WS4	**TYPE(4):** Bindweed (Field), Cutleaf Mignonette, Darnel (Drake Seed), Hexham Scent/ Melilot (King Island)***, Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle	20	20	20	20	20
WS5	**TYPE(5):** Knapweed (Creeping/Russian), Pattersons Curse/Salvation Jane, Sesbania Pea	40	40	40	40	40
WS6	**TYPE(6):** Columbus Grass, Johnson Grass****	**NIL**	**NIL**	**NIL**	40	40
WS7A	**TYPE(7a):** Broad Bean, Chickpeas, Clover, Cowpea, Faba Beans, Lentils, Lupin, Maize (Corn), Peas (Field), Medic Pods, Safflower, Soybean, Sunflower, Any other seeds or pods greater than 5mm diameter	1	1	1	10	20
WS7B	**TYPE(7b):** Barley (6 row), Bindweed (Australian), Bindweed (Black), Brome Grass, Musk Weed, Onion Weed, Phalaris Glumes, Poverty Weed, Ryegrass on stalk, Sheep Weed, Sorghum, Three Horn Bedstraw, Turnip Weed, Any other seed contaminant not specified in TYPE(1)-TYPE(7a), GC9A, GC9B, GC9C or SFS	50	50	50	150	300
GC9A	**Wheat, Cereal Rye, Triticale, Rice, Cultivated Oats**	85	85	85	500	1500
GC9B	**Wild Oats, Wild Radish**	25	25	25	50	100
GC9C	**Barley with Coloured Aleurone Layer (Blue or Black)**	**NIL**	**NIL**	**NIL**	100	100
SFS	**Small Foreign Seeds max** (% by weight) Foreign seeds not specified in TYPE(1)-TYPE(7b) falling below 2.2mm agtator screen	0.6%	0.6%	0.6%	1.2%	2.0%
	* Individual Seed Basis *** Hexham Scent is only acceptable if no tainting odour is present ** Parthenium Weed is a **NIL** tolerance in NSW/VIC/SA **** TYPE(6) limit in QLD is 40 per half litre for all barley grades					
	Other Contaminants – Maximum tolerance per half litre unless otherwise stated. Note: **NIL** tolerance applies to the entire load except where stated otherwise.					
FORM	**Foreign Material max** (% by weight per half litre) Other than already specified includes: Chaff, straw, backbone	1%	1%	1%	1%	1%
ERGC	**Cereal Smut/cereal Ergot max** (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)	0.1	0.1	0.1	0.1	0.1
ERGR	**Ryegrass Ergot max** (length in cm when pieces are aligned per half litre)	0.5cm	0.5cm	0.5cm	0.5cm	0.5cm
PICK	**Pickling Compounds Max (entire load)**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**
CHEM	**Chemicals Not Approved for Barley Max (entire load)**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**
LIVE	**Stored Grain Insects and Pea Weevils: Live max** (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, 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 max** (count per half litre)	2	2	2	2	4
SAND	**Sand max** (count per half litre)	50	50	50	50	50
EART	**Earth (5mm max in diameter) max** (count per half litre)	3	3	3	3	3
STON	**Stones max** (count per half litre) **(Regional Variations May Apply)**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**
OBJM	**Objectionable Material max** (entire load) Includes sticks, stones, gravel, odour, tainting agents and other foreign material such as animal excreta, animal meal or carcasses, glass, concrete and metal	**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
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