

BARLEY RECEIVAL STANDARDS 2024 / 2025

QUALITY PARAMETER	Receival Grade				
	Code	MALT 1	Barley 1	Barley 2	Barley 3
Sampling Guidelines - Refer to GTA standards for sampling rate. Barley Receival Standards are based on GTA Standards CSG20, CSG10, CSG11					
Varietal Purity Min (% by count). All approved 2 row Malting varieties of the current season	VP	95	N/A	N/A	N/A
Moisture Max (%)	MO	13.5	13.5	13.5	13.5
Protein Min (%). N X 6.25 @ 0% Moisture Basis	PR	9.0	N/A	N/A	N/A
Protein Max (%). N X 6.25 @ 0% Moisture Basis		12.0	N/A	N/A	N/A
Colour (%)	CO	No Limit			
Test Weight Min (kg/hl)	TW	65.0	62.5	60.0	55.0
Retention Min (% by weight). All matter remaining above a 2.50mm slotted screen	RT	70.0	N/A	N/A	N/A
Screenings Max (% by weight). All matter passing through a 2.20mm slotted screen	SC	7.0	15.0	25.0	60.0
Germinative Energy Min (%). IOB 4ml Germinative Energy test	GE	95	N/A	N/A	N/A
Germinative Capacity Min (%). IOB Germinative Capacity test (stain)	GC	98	N/A	N/A	N/A
Rapid Visco Analyser Min (units). RVA units	RV	130	N/A	N/A	N/A
Falling Number Min (sec). Falling Number result	FN	300	N/A	N/A	N/A
DEFECTIVE GRAINS MAX - (% by count per 100 grain sample unless otherwise stated)					
Shot (FN test performed where visually shot)	SH	Nil	N/A	N/A	N/A
Sprouted (FN does not override sprouted grain value results)	SP	Nil	Nil	5	N/A
Dark Tipped	DT	10	N/A	N/A	N/A
Field Fungi	FF	5	N/A	N/A	N/A
Skinnings	SK	15	N/A	N/A	N/A
Insect Damaged (count per half litre)	ID	10	85	85	85
Cleaved	CL	1	N/A	N/A	N/A
Cracked/Broken (% by wt in 100 gram sample)	BK	2.0	5.0	5.0	10.0
Distorted	DS	5	10	10	20
Dry Green or Sappy	GS	1	N/A	N/A	N/A
Severely Damaged (count per half litre above both screens)	SD	1	2	5	5
Pink Fungal Staining (count per half litre)	PF	1	20	30	30
FOREIGN SEED CONTAMINANTS MAX - Count of seeds in total per half litre, unless otherwise stated. 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.					
Foreign Grain (seeds in total per half litre). Wheat, Cereal Rye, Triticale, Cultivated Oats, Rice	FG	85	500	1500	2000
Variation a (seeds in total per half litre). Wild Oats (individual seeds in cluster counted), Wild Radish	VA	25	50	100	100
Variation b (seeds in total per half litre). Barley with a Coloured Aleurone Layer (blue/black)	VB	Nil	100	100	100
Type 1 Max (individual seeds per half litre)*. Colocynth, Jute, Long Head Poppy, Mexican Poppy, Field Poppy, Horned Poppy, Wild Poppy, New Zealand Spinach, Saffron Thistle	S1	8	8	8	12
Type 2 Max (entire load). Castor Oil Plant, Coriander, Crow Garlic/ Wild Garlic, Darling Pea, Opium Poppy, Parthenium Weed, Peanut seeds and pods, Ragweed, Rattlepods, Starburr, St. John's Wort	S2	Nil	Nil	Nil	Nil
Type 3a Max (seeds in total per half litre). Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	3A	2	2	2	2
Type 3b Max (seeds in total per half litre). Vetch (Tare), Vetch (Commercial)	3B	4	4	10	20
Type 3c Max (seeds in total per half litre). Heliotrope (Blue), Heliotrope (Common). Note: Tolerance listed for seeds, where 4 seeds = 1 pod	3C	4 seeds / 1 pod	4 seeds / 1 pod	4 seeds / 1 pod	4 seeds / 1 pod
Type 3d Max (seeds in total per half litre). Double Gees/Spiny Emex/Three Cornered Jack	3D	1	1	1	1
Type 4 Max (seeds in total per half litre). Bindweed (Field), Cutleaf Mignonette seeds, Darnel (Drake Seed), Hexham Scent/Meliot (only acceptable if no tainting odour is present), Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle	S4	20	20	20	30
Type 5 Max (seeds in total per half litre). Knapweed (Creeping/Russian), Sesbania Pea, Patterson's Curse/ Salvation Jane	S5	40	40	40	50
Type 6 Max (seeds in total per half litre). Columbus Grass, Johnson Grass (entire load where nil tolerance applies)	S6	Nil	40	40	80
Type 7a Max (seeds in total per half litre). Adzuki Beans, Broad Beans, Chickpeas, Clover Pods, Corn (Maize), Cowpea, Faba Beans, Lentils, Lupins, Onion Weed Pods regardless of size, Peas (Field), Medic Pods, Safflower, Soybean, Sunflower and any other seeds or pods greater than 5mm in diameter	7A	1	10	20	20
Type 7b Max (seeds in total per half litre). 6 row barley, Bindweed (Australian), Bindweed (Black), Brome Grass, Carrot Weed, Musk Weed, Onion Weed, Phalaris Glumes, Poverty Weed, Ryegrass on stalk, Sheep Weed, Sorghum Grain, Three Horn Bedstraw, Turnip Weed Pods and any other Foreign Seed not specified in Foreign Grain, Variation, Types 1-7(a) or in SF	7B	50	150	300	500
Small Foreign Seeds (% by weight). All Foreign Seeds not specified in Foreign Grain, Variation, Types 1-7(b) that fall below the 2.20mm screen during the Screenings process	SF	0.6	1.2	2.0	2.5
OTHER CONTAMINANTS MAX - count per half litre unless otherwise stated					
Foreign Material (% by weight). Other than already specified	FM	1.0	1.0	1.0	1.0
Cereal Smut / Cereal Ergot (entire load). Includes Ball and Covered Smut, any Cereal Ergot	CE	Nil	Nil	Nil	Nil
Loose Smut (weight in grams). Weight of all pieces per half litre	LS	0.1	0.1	0.1	0.1
Ryegrass Ergot (length in cm). Length of all pieces present aligned end on end	RE	0.5	0.5	0.5	0.5
Pickling Compounds (entire load). Pickled grain or artificial colouring	PC	Nil	Nil	Nil	Nil
Chemicals Not Approved for Barley (entire load). Residues of any chemical compound not approved for barley, used in contravention of the labelled instructions or chemicals in excess of the MRL	CN	Nil	Nil	Nil	Nil
Stored Grain Insects & Pea Weevil - Live (entire load). All life stages	IG	Nil	Nil	Nil	Nil
Insects - Large Max (count per half litre). Live or Dead. Includes Rutherglen bugs, ladybirds, grasshoppers/locusts, sitona weevils, wood bugs & pea weevil (dead only)	IL	3	3	3	3
Insects - Small Max (count per half litre). Live or Dead. Includes all species of aphid, mites & stored grain insects (dead only)	IS	10	10	10	10
Snails (count per half litre). Dead or alive	SN	1	1	4	10
Sand (count per half litre). Individual grains	SA	50	50	50	50
Earth (count per half litre). 5mm max in diameter	EA	3	3	3	3
Stones (grams per 2.5L). Maximum total weight of all Stones retained above the 2.2mm and 2.5mm screen per 2.5L	SO	4.0	4.0	4.0	4.0
Gumnut Max (Count per 2.5L). Whole or pieces of any size and maturity level	GN	1	1	1	1
Glyphosate	GLY	Nil	Within MRL	Within MRL	Within MRL
Objectionable Material. Entire Load. (a) Animal Material. Presence of meat meal, bone meal, fish meal, poultry offal meal or any other animal proteins. Restricted material also includes all animal carcasses. (b) Odour or Tainting Agents. A commercially unacceptable odour is defined as sour, musty or rotten smell that is not natural. Which may or may not be physically detectable through the presence of foreign material. It includes but is not limited to plant parts of Eucalyptus spp except for Gumnuts for which a tolerance applies. (c) Sticks. A Stick / Stubble is defined as ligneous material with dimensions of greater than 3cm in length and 1cm in diameter. Smaller material that falls through the screen are classified as Screenings and above the screen are classified as Foreign Material. (d) Fertiliser. All types. (e) Other. Commercially unacceptable contaminants such as animal excreta, glass, concrete and metal.	OM	Nil	Nil	Nil	Nil