

BARLEY Receival Standards Season 2022/2023

The following standards are based on **GTA Standards CSG-20, CSG-21, CSG-10 & CSG-11** respectively, and apply to Barley receivals for all clients delivering into Viterra where segregations are available.

All malting varieties must be segregated and be of the CURRENT season.



MALTING

BARLEY

MALT 1	MALT 2	BAR1	BAR2	BAR3
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CATEGORY		CODE				
GLYPHOSATE		GLY	NIL			
VARIETAL ADMIXTURE	Min %	VA	95			
TEST WEIGHT	Min (kg/ha)	TW	65.0	62.5	60.0	55.0
PROTEIN	Min %	PR	9.0			
	Max %		12.0			
MOISTURE	^Max 12.5% all other eastern states	MO	13.5^			
COLOUR		CO	No Limit			
RETENTION	Above 2.5mm Agtator screen	RT	70.0	62.0	NA	
SCREENINGS	Below 2.2mm Agtator screen	SC	7.0	10.0	15.0	25.0

DEFECTIVE GRAINS Maximum % by count per 100 grains UNLESS otherwise stated

Refer to the Visual Recognition Standards Guide (VRS) for definitions and images of Defective Grains

Shot Grains	RVA / FN test performed where visually shot	Max count per 100 grains	SH	NIL		No Limit	
	Rapid Viscosity Analyser	Min Unit	RV	130		NA	
		Falling Number	FN	300		NA	
Sprouted	RVA / FN does not override sprouted grain visual results	Max count per 100 grains	SP	NIL		5	No Limit
Dark Tipped		Max count per 100 grains	DC	10		NA	
Field Fungi		Max count per 100 grains	FF	5		NA	
Skinnings		Max count per 100 grains	SK	15		NA	
Cleaved		Max count per 100 grains	CB	1		NA	
Insect Damaged		Max count per 1/2 litre	ID	10		85	
Dry Green / Sappy		Max count per 100 grains	GS	1		NA	
Distorted		Max count per 100 grains	DST	5		10	20
Cracked / Broken		Max % by weight per 100 gran	CK	2.0		5.0	10.0
Pink Fungal Stained		Max count per 1/2 litre	PF	1		20	30
Severely Damaged	Above 2.2mm Agtator screen	Max count per 1/2 litre	SD	1		2	5

CONTAMINANTS

Foreign Seed Contaminants

Tolerance applies to whole seeds or their equivalent in pieces per entire half litre. Tolerances stated in the table refer to the total of all seeds named in each type, EXCEPT for **Type 1*** which are tolerances for individual seeds

Foreign Grains - Wheat / Cereal Rye / Triticale / Rice / Cultivated Oats		FG	85	500	1500	2000
Wild Oats / Wild Radish Pods		BW	25	50	100	100
Barley with Coloured Aleurone Layer (Blue / Black)		CA	NIL			
Type 1*	Colocynthis, Field Poppy, Horned Poppy, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Saffron Thistle, Wild Poppy	S1*	8			12
Type 2	Castor Oil Plant, Coriander, Crow Garlic / Wild Garlic, Darling Pea, Opium Poppy, Peanut Seeds and Pods, Ragweed, Rattlepods, St John's Wort, Starburr, Parthenium Weed	S2	NIL			
Type 3a	Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head / Caltrop / Cats Heads, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	3A	2			
Type 3b	Vetch (Tare), Vetch (Commercial)	3B	4	10	20	
Type 3c	Blue Heliotrope, Common Heliotrope	3C	1 pod / 4 seeds			
Type 3d	Double Gee / Spiny Emex / Three Corner Jack	3D	1			
Type 4	Cutleaf Mignonette seeds, Darnel (Drake Seed), Field Bindweed, **Hexham Scent/ Melilot (King Island), Hoary Cress, Mintweed, Night Shades, Paddy Melon, Skeleton Weed, Variegated Thistle ** Hexham Scent is only acceptable if no tainting odour is present	S4	20		30	
Type 5	Creeping Knapweed / Russian Knapweed, Pattersons Curse / Salvation Jane, Sesbania Pea	S5	40		50	
Type 6	Columbus Grass, Johnson Grass	S6	NIL		40	80
Type 7	Broad Bean, Chickpea, Clover Pod, Corn (Maize), Cowpea, Faba Bean, Lentil, Lupin, Medic Pod, Pea (Field), Safflower, Soybean, Sunflower, Onion Weed Pod regardless of size and any other seed / pod greater than 5 mm in diameter	S7	1	10	20	
Type 8	6 Row Barley (white), Australian Bindweed, Bedstraw, Black Bindweed, Brome Grass, Muskweed, Onion Weed, Phalaris Glumes, Poverty Weed, Ryegrass on Stalk, Sheep Weed, Sorghum Grain, Turnip Weed and any other foreign seeds not specified in types 1-8 above the screen	S8	50	150	300	500
Small Foreign Seed not specified in types 1-8 below 2.2mm Agtator screen	Max % by weight	SS	0.6	1.2	2.0	2.5

OTHER CONTAMINANTS

Smuts	Includes Ball Smut, Gall Smut and Covered Smut	Entire Load	SM	NIL			
Loose Smut		Max weight in grams per 1/2 litre	LS	0.1			
Cereal Ergot		Entire Load	CE	NIL			
Ryegrass Ergot	Total length of all pieces measured end to end	Max length per 1/2 litre	RE	0.5 cm			
Pickling Compounds, Artificial Colouring		Entire Load	PIC	NIL			
Stored Grain Insects & Pea Weevil - Live		Entire Load	LGI	NIL			
Insects - LARGE (Live or Dead)	Rutherglen bugs, Ladybirds, Locusts, Sitona weevil, Woodbugs, Dead Pea weevil	Max count per 1/2 litre	LI	3			
Insects - SMALL (Live or Dead)	Aphids, Mites, Dead stored grain insects	Max count per 1/2 litre	SI	10			
Snails - Round and/or Conical (Live or Dead)	Tolerances refer to whole bodies, substantially whole (more than half) snail shells, irrespective of size	Max count per 1/2 litre	SNL	1	4	10	
Sand		Max count per 1/2 litre	ES	50			
Earth	Max 5mm in diameter	Max count per 1/2 litre	EA	3			
Stones	Using a stone gauge	Max points per 1 litre	SE	1	3	5	8
Foreign Material	Other than already specified	Max % by weight	FM	1.0			
Objectionable Material		Entire Load					
(a) Stick / Stubble	A Stick is defined as ligneous material with dimensions of greater than 3cm in length and 1cm in diameter. NOTE: Sticks/Stubble material smaller than 3cm in length and 1cm in diameter that fall through the screen are classified as Screenings and above the screen are classified as Foreign Material.		ST				
(b) Odour or Tainting Agents	A commercially unacceptable odour is defined as sour or musty odour that is not considered natural, which may or may not be physically detectable through the presence of foreign material. Includes but is not limited to, plant parts and seed of <i>Eucalyptus</i>		OU	NIL			
(c) Animal Material	Presence of meat meal, bone meal, blood meal, poultry offal meat or any other animal proteins. Restricted material also includes carcasses of dead animals such as rats and mice.		AM				
(d) Other	Commercially unacceptable contaminant such as animal excreta, glass, concrete, metal or fertilizer.		OT				
(e) Water	The addition of water to grain prior to delivery is a prohibited practice.		WA				
Chemical Residues		Entire Load					
Residues of any chemical compound not approved, or used in contravention of the label or chemicals in excess of the MRL (refer information on declaration)			CR	NIL			