

BARLEY Receival Standards Season 2018/2019

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. **All Malting / Food varieties must be segregated and be of the CURRENT season.**



		MALTING / FOOD		FEED		
		MALT 1 HIND	MALT 2	F1	F2	F3

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

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

Refer to the Visual Recognition Standards Guide (VRSG) 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 Min Seconds	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 grams	CK	2.0	5.0	10.0	
Pink Fungal Stained	Max count per 1/2 litre	PF	1	20	30	
Severely Damaged	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		100	
Type 1* Colocynth, 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 Field Bindweed, Cutleaf Mignonette seeds, Darnel (Drake Seed), **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 1-7		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)			Max count per 1/2 litre		SNL	1	4 10
Tolerances refer to whole bodies, substantially whole (more than half) snail shells, irrespective of size							
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							
(a) Sticks	A stick is defined as ligneous material greater than 1cm in length and 0.5cm in diameter. Note that stubble greater than 3cm in length and 1cm in diameter is defined as a stick. Smaller material is included in Foreign Material.		Entire Load		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> spp.				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		CR	NIL	
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)							