

# BARLEY Receival Standards Season 2020/2021

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 varieties must be segregated and be of the **CURRENT** season.



CATEGORY		CODE	MALTING		BARLEY		
			MALT 1	MALT 2	BAR1 (F1)	BAR2 (F2)	BAR3 (F3)
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	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	60.0
<b>DEFECTIVE GRAINS</b>		<b>Maximum % by count per 100 grains UNLESS otherwise stated</b>					
Refer to the Visual Recognition Standards Guide (VRSG) for definitions and images of Defective Grains							
Shot Grains	RVA / FN test performed where visually shot	SH	NIL		No Limit		
	<b>Rapid Viscosity Analyser</b>	RV	130		NA		
	<b>Falling Number</b>	FN	300		NA		
Sprouted	RVA / FN does not override sprouted grain visual results	SP	NIL		5	No Limit	
Dark Tipped		DC	10		NA		
Field Fungi		FF	5		NA		
Skinnings		SK	15		NA		
Cleaved		CB	1		NA		
Insect Damaged		ID	10		85		
Dry Green / Sappy		GS	1		NA		
Distorted		DST	5	10		20	
Cracked / Broken		CK	2.0	5.0		10.0	
Pink Fungal Stained		PF	1	20	30		
Severely Damaged		SD	1	2	5		
<b>CONTAMINANTS</b>							
<b>Foreign Seed Contaminants</b>							
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 <b>Type 1*</b> 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, Lincoln Weed, 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 <b>** Hexham Scent is only acceptable if no tainting odour is present</b>	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 <b>and any other seed / pod greater than 5 mm in diameter</b>	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 <b>and any other foreign seeds not specified in types 1-7</b>	S8	50	150	300	500	
Small Foreign Seed not specified in types 1-8 below 2.2mm Agtator screen		SS	0.6	1.2	2.0	2.5	
<b>OTHER CONTAMINANTS</b>							
Smuts	Includes Ball Smut, Gall Smut and Covered Smut	SM	Entire Load		NIL		
Loose Smut		LS	Max weight in grams per ½ litre		0.1		
Cereal Ergot		CE	Entire Load		NIL		
Ryegrass Ergot	Total length of all pieces measured end to end	RE	Max length per ½ litre		0.5 cm		
Pickling Compounds, Artificial Colouring		PIC	Entire Load		NIL		
Stored Grain Insects & Pea Weevil - Live		LGI	Entire Load		NIL		
Insects - LARGE (Live or Dead)	Rutherglen bugs, Ladybirds, Locusts, Sitona weevil, Woodbugs, <b>Dead Pea weevil</b>	LI	Max count per ½ litre		3		
Insects - SMALL (Live or Dead)	Aphids, Mites, <b>Dead stored grain insects</b>	SI	Max count per ½ litre		10		
Snails - Round and/or Conical (Live or Dead)		SNL	Max count per ½ litre		1	4	10
Tolerances refer to whole bodies, substantially whole (more than half) snail shells, irrespective of size							
Sand		ES	Max count per ½ litre		50		
Earth	Max 5mm in diameter	EA	Max count per ½ litre		3		
Stones	Using a stone gauge	SE	1	3	5	8	
Foreign Material	Other than already specified	FM	Max % by weight		1.0		
<b>Objectionable Material</b>							
(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	Entire Load				
(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		CR	Entire Load		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)							