

BARLEY Receival Standards Season 2016/2017

The following standards are based on GTA Standards CSG-20, CSG-21, CSG-22, CSG-10 & CSG-11 respectively, and apply to Barley receivals for all clients delivering into Viterra. These standards are to be applied on individual truck loads and must not be averaged over a number of loads. All Malting / Food varieties must be segregated and be of the CURRENT season.		VARIETY	MALTING / FOOD			FEED			
		Only Acceptable Varieties can be graded as Malt / Food (Refer to Barley Varieties Receival Standards)	MALT 1 HIND	MALT 2	MALT 3	F1	F2	F3	
CATEGORY		CODE							
1 VARIETAL PURITY	Min %	VA	95			All 2 Row Varieties			
2 MOISTURE	[^] (Max 12.5% all other eastern states) Max %	MO	13.5 [^]						
3 PROTEIN	Min %	PR	9.0	9.0	9.0	NA			
	Max %		12.0	12.0	12.8	NA			
4 TEST WEIGHT	Min (kg/hL)	TW	65.0			62.5	60.0	55.0	
5 RETENTION	Above 2.5mm Agtator screen Min % by weight	RT	70.0	62.0	58.0	NA			
6 SCREENINGS	Below 2.2mm Agtator screen Max % by weight	SC	7.0	10.0	NA	15.0	25.0	60.0	
7 GERMINATIVE ENERGY	Min %	GE	95			NA			
8 GERMINATIVE CAPACITY	Min %	GC	98			NA			
9 DEFECTIVE GRAINS	Maximum % by count per 100 grains UNLESS otherwise stated								
	Shot Grains 2 lines on back of grain from germ end or hole in germ end RVA / FN test performed where visually shot Rapid Viscosity Analyser (RVA)	Max count per 100 grains	SH	NIL			No Limit		
		Min Unit	RV	130			NA		
		Falling number (FN) Min Seconds	FN	300			NA		
Sprouted Grains Visible evidence of the shoot or root system beginning to emerge	Max count per 100 grains	SP	NIL			NIL	5	No Limit	
Dark Tipped of which	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			
Insect Damaged	Max count per ½ litre	ID	10			85			
Cleaved	Max count per 100 grains	CB	1			NA			
Broken Grains	Max % by weight per 100 grams	CK	2.0			5.0	10.0		
Frost Damaged	Max count per 100 grains	FR	5			10	20		
Dry Green or Sappy	Max count per 100 grains	GB	1			NA			
Heat Damaged, Bin Burnt or Storage Mould	Max count per ½ litre	MS	1			5			
Pink Fungal Stained Grains	Entire Load	PF	NIL						
10 CONTAMINANTS	Applies to whole seeds or their equivalent in pieces and refers to the maximum count of seeds in total per half litre								
# Stones tolerance applies on a ONE LITRE sample in SA									
Wheat / Cereal Rye / Triticale / Rice / Cultivated Oats		FG	85	500		1500	2000		
Wild Oats / Wild Radish		BW	25	50		100	100		
Barley with Coloured Aleurone Layer (Blue / Black)		CA	NIL			100			
Foreign Seed Contaminants	Applies to whole seeds or their equivalent in pieces and refers to the maximum count of seeds in total per half litre, unless otherwise stated. *Except Type 1 - maximum applies on an individual seed basis per half litre								
Type 1* Colocynth, Field Poppy, Horned Poppy, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Parthenium Weed, Saffron Thistle, Wild Poppy		S1*	8			12			
Type 2 Castor Oil Plant, Coriander, Crow Garlic or Wild Garlic, Darling Pea, Opium Poppy, Peanut Seeds and Pods, Ragweed, Rattlepods, St John's Wort, Starburr		S2	NIL						
Type 3a Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head / Caltrop / Cats Heads, Cape Tulip, Cotton Seed, 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 Pods Pea (Field), Safflower, Soybean, Sunflower and any other seed or 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, Three Horn Bedstraw, Turnip Weed and any other foreign seeds not specified in types 1-7		S8	50	150		300	500		
Small Foreign Seeds not specified in types 1-8 below 2.2mm Agtator screen	Max % by weight	SS	0.6	1.2		2.0	2.5		
Foreign Material (Other than already specified)	Max % by weight	FM	1.0						
Cereal Smut Includes Ball Smut, Gall Smut and Covered Smut	Entire Load	SM	NIL						
Loose Smut	Max grams per half litre	LS	0.1						
Cereal Ergot	Entire Load	CE	NIL						
Ryegrass Ergot Total No. of pieces in ½ litre and measured end to end	Max length per half litre	RE	0.5 cm						
Pickling Compounds, Artificial Colouring	Entire Load	PIC	NIL						
Chemical Residues Residues of any chemical compound not approved for barley, or used in contravention of the label or chemicals in excess of the MRL	Entire Load	CR	NIL						
Stored Grain Insects Live Stored Grain Insects and Live Pea Weevil	Entire Load	LGI	NIL						
Insects - LARGE (Live or Dead) Rutherglen bugs, Ladybirds, Locusts, Sitona weevil, Woodbugs, Dead Pea weevil	Max count per half litre	LI	3						
Insects - SMALL (Live or Dead) Aphids, Mites, Dead stored grain insects	Max count per half 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 ½ litre	SNL	2		4		10		
Sand	Max count per half litre	ES	50						
Earth (Max 5 mm in diameter)	Max count per half litre	EA	3						
Stones Using a stone gauge in SA [^] MAX 4 grams per 2.5 Litres in Eastern States	Max points per litre #	SE	1 [^]		3 [^]		5 [^] 8 [^]		
Objectionable Material	Entire Load								
(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		ST							
(b) Odour or Tainting agents A commercially unacceptable odour is defined as sour or musty odour imparted on the barley 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 spp.</i>		OU	NIL						
(c) Restricted 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							