

BARLEY Receival Standards Season 2017/2018						
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	COMP	F1	F2
CATEGORY		CODE				
VARIETAL PURITY	Min %	VA	95	All 2 Row Varieties		
MOISTURE	^Max 12.5% all other eastern states	MO	13.5^			
PROTEIN	Min %	PR	9.0	9.0	NA	
	Max %		12.0	12.5	NA	
COLOUR		CO	No limit			
TEST WEIGHT	Min (kg/hL)	TW	65.0	62.5	60.0	55.0
RETENTION	Above 2.5mm Agtator screen	RT	70.0	NA		
SCREENINGS	Below 2.2mm Agtator screen	SC	7.0	15.0	25.0	60.0
GERMINATIVE ENERGY	Min %	GE	95	NA		
GERMINATIVE CAPACITY	Min %	GC	98	NA		
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		
		Rapid Viscosity Analyser	RV	130	NA	
		Falling number	FN	300	NA	
Sprouted Grains	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 ½ litre	ID	10	85	
Dry Green or Sappy		Max count per 100 grains	GB	1	NA	
Distorted		Max count per 100 grains	FR	5	10	20
Broken Grains		Max % by weight per 100 grams	CK	2.0	5.0	10.0
Pink Fungal Stained		Max count per ½ litre	PF	1	20	30
Severely Damaged		Max count per ½ litre	SD	1	2	5
CONTAMINANTS						
Foreign Seed Contaminants						
Tolerance applies to whole seeds or their equivalent in pieces per entire ½ 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.						
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, 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		SS	0.6	1.2	2.0	2.5
Other Contaminants						
Foreign Material	Other than already specified	FM	1.0			
Cereal Smut	Includes Ball Smut, Gall Smut and Covered Smut	SM	Entire Load			
Loose Smut		LS	Max count per ½ litre			
Cereal Ergot		CE	Entire Load			
Ryegrass Ergot	Total No. of pieces in ½ litre and measured end to end	RE	Max count per ½ litre			
Pickling Compounds, Artificial Colouring		PIC	Entire Load			
Stored Grain Insects	Live Stored Grain Insects and Live Pea Weevil	LGI	Entire Load			
Insects - LARGE (Live or Dead)	Rutherglen bugs, Ladybirds, Locusts, Sitona weevil, Woodbugs, Dead Pea weevil	LI	Max count per ½ litre			
Insects - SMALL (Live or Dead)	Aphids, Mites, Dead stored grain insects	SI	Max count per ½ litre			
Snails - Round and/or Conical (Live or Dead)		SNL	2	4	10	
Tolerances refer to whole bodies, substantially whole (more than half) snail shells, irrespective of size						
Sand		ES	Max count per ½ litre			
Earth	Max 5 mm in diameter	EA	Max count per ½ litre			
Stones	Using a stone gauge	SE	1	3	5	8
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	ST	Entire Load			
(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				
Chemical Residues		CR	Entire Load			
Residues of any chemical compound not approved for barley, or used in contravention of the label or chemicals in excess of the MRL (refer to information on declaration)						