

DURUM Wheat Receival Standards South Australia Season 2016/2017

The following standards are based on **GTA Standards CSG-130, CSG-131, CSG-132, CSG-150** respectively, and apply to Durum Wheat 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.**

CATEGORY	Test Code	DR1	DR2	DR3	FED1
1 VARIETY	VR	Check Variety Code Summary Chart			
2 TEST WEIGHT	Min (Kg/hl) TW	76		71	62
3 PROTEIN	Min % PR	13.0	11.5	10.0	NA
4 MOISTURE CONTENT	*(Max 12.5% all other eastern states) Max % MO	13.5 *			
5 UNMILLABLE MATTER					
UNMILLABLE MATERIAL BELOW THE SCREEN (SCREENINGS) The total material passing through a 2.0 mm screen after 40 shakes	Max (% by weight) SC	5.0		10.0	15.0
UNMILLABLE MATERIAL ABOVE THE SCREEN Whiteheads (Grain Removed) Chaff, Backbone, Wild Radish Pods, Milk Thistle pods and other seed pods not otherwise listed	Max (% by weight) SA	0.6		1.2	2.6
SMALL FOREIGN SEEDS All seeds (which are not wheat) passing through a 2.0 mm screen and to which do not have a tolerance in Type 1-8 (See below)	Max (% by weight) SS	0.6		1.2	1.2
6 DEFECTIVE GRAINS	MAXIMUM % BY COUNT PER 300 GRAIN SAMPLE UNLESS OTHERWISE STATED				
Sprouted	Max % by count SP	NIL			NA
Falling number (Sec) Min	FN	300		200	NA
Stained (including Staining Due to Moist Plant Material) of which	Max % by count FS	3	5	20	50
Pink Fungal Stained	Max % by count PF	2		5	5
White Grain Disorder / Head Scab	Max % by count WG	1			
Field Fungi Affected (Includes Black Field Fungi)	Max count per ½ litre FF	10			40
Dry Green or Sappy	Max % by count GS	1	2		NA
Frost Damaged (including TakeAll Affected)	Max % by count FR	1	2		NA
Heat Damaged, Bin Burnt, Storage Mould	Max count per ½ litre MS	1			5
All Smuts - Ball Smut (Stinking Smut or Bunt) or Covered Smut EXCEPT Loose Smut	Entire Load SM	NIL			
Insect Damaged	Max % by count ID	1			4
Over Dried Damaged	Entire Load OD	NIL			
Vitreous (Assessed using the CERVITEC only)	Min Number VK	80	70	NA	NA
Bread Wheat	Max % by count BR	3		5	NA
7 GRAIN CONTAMINANTS	MAXIMUM COUNT IN TOTAL PER ½ LITRE UNLESS OTHERWISE STATED				
Foreign Seed Contaminants					
Tolerances for Foreign Seed contaminants apply to whole seeds or their equivalent in pieces per ½ litre (above & below the screen). 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.					
Type 1* Colocynth, Double Gee / Spiny Emex / Three Corner Jack, Field Poppy, Horned Poppy, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Opium Poppy, Parthenium Weed, Wild Poppy	Max count per ½ litre S1	8			
Type 2 Castor Oil Plant, Coriander, Crow Garlic / Wild Garlic, Darling Pea, Peanut seeds and pods, Ragweed, Rattlepods, St John's Wort, Starburr	Entire Load S2	NIL			
Type 3a Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head / Caltrop / Cats Heads, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	Max count per ½ litre 3A	2			
Type 3b Vetch Tare, Vetch (Commercial)	Max count per ½ litre 3B	4			
Type 3c Blue Heliotrope, Common Heliotrope	Max count per ½ litre 3C	2 pods / 8 seeds			
Type 4 Field Bindweed, Cutleaf Mignonette seeds, Darnel (Drake Seed), **Hexham Scent/ Melilot (King Island), Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle ** Hexham Scent is only acceptable if no tainting odour is present	Max count per ½ litre S4	20			
Type 5 Creeping Knapweed / Russian Knapweed, Pattersons Curse / Salvation Jane, Sesbania Pea	Max count per ½ litre S5	40			
Type 6 Columbus Grass, Johnson Grass, Saffron Thistle	Max count per ½ litre S6	10	50	50	
Type 7 Broad Bean, Chickpea, Corn (Maize), Cowpea, Faba Bean, Lentil, Lupin, Pea (Field), Safflower, Soybean, Sunflower and any other seed or pod greater than 5 mm in diameter	Max count per ½ litre S7	1	10	100	
Type 8 2 Row Barley, 6 Row Barley (white), Australian Bindweed, Black Bindweed, Cereal Rye, Durum, Red / Spring Feed Wheat, Oats (Wild), Oats (Black), Oats (Common), Oats (Sand), Rice, Sorghum (grain), Triticale, Turnip Weed and any other foreign seeds not specified in types 1-7 # No limit for Durum in Feed	Max count per ½ litre S8	50	150	400#	
Pickling Compounds	Entire Load PIC	NIL			
Chemicals Residues of any Chemical compound not approved for Wheat, used in contravention of the labelled instructions or Chemicals in excess of the MRL.	Entire Load CR	NIL			
Ryegrass Ergot Total length of all pieces aligned end to end	Max length per ½ litre RE	2 cm			
Cereal Ergot The tolerance refers to the number of pieces	Max count per ½ litre CE	1			
Stored Grain Insects & Pea Weevil - Live	Entire Load LGI	NIL			
Large Insects (Live or Dead) Rutherglen bugs, ladybirds, grasshoppers, sitona weevil, woodbugs, dead Pea weevil only	Max count per ½ litre LI	3			
Small Insects (Live or Dead) Aphids, mites, dead stored grain insects only	Max count per ½ litre SI	10			
Earcockle Number of galls	Max count per ½ litre EC	10			50
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	1			10
Loose Smut Tolerances for this contaminant refer to the number of blackened pieces of the wheat ear	Max count per ½ litre LS	3			
Sand Applies to grains of sand between 0.06mm to 2mm in size	Max count per ½ litre ES	20		50	
Earth 5 mm Maximum in diameter	Max count per ½ litre EA	1			6
Stones Maximum weight of stone or stones above 2 mm screen	Max weight per 2.5 L SE	4 grams			
Other Foreign Material	Max % by weight OM	0.1			0.2
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 defined as Other Foreign Material.	ST				
(b) Odour or Tainting Agent A commercially unacceptable odour is defined as a sour or musty odour imparted on the wheat 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 & seed of Eucalyptus spp.	OU	NIL			
(c) Restricted Animal Material Presence of meat meal, bone meal, blood meal, poultry offal meal or any other animal proteins. Restricted material also includes carcasses of dead animals such as rats and mice	AM				
(d) Other Foreign material 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				