

THIS CHART IS INTENDED TO ACT AS A GUIDE ONLY

703.4a - Supplementary Wheat Standards 2017-2018 - Iss1 - October 2017

Sampling Guidelines

- 1) A minimum of 4 vertical probes must be taken from every bin-load tendered for delivery with at least 5 litres to be drawn.
- 2) The sample must be mixed prior to assessment.
- 3) A half litre sub-sample must then be taken for test weight, screenings, unmillable, defect and contaminant determination.
- 4) A separate sub-sample may be taken for assessment of other traits.

These standards are to be applied on individual truck loads and must not be averaged over a number of loads
Segregations indicated on this chart are only available where announced

Test Code	Binned grade	SFW1	SFW1 (SA)	FED1
MOGR	Moisture max (%)	12.5	13.5	12.5
PRGR	Protein Content (%) Minimum	NA	NA	NA
TWT	Test Weight min (kg/hl)	70	70	62
UNMB	Screenings max (% by weight)	10	10	15
UNM	Unmillable Material Above the Screen (% by weight) Includes whiteheads (with grains removed), chaff, backbone, Wild Radish, Milk Thistle, other seedpods	1.2	1.2	2.6
	Defective grains- Maximum tolerance % by count per 300 Grain Sample unless otherwise stated (1% = 3 grains). Note: NIL tolerance applies to the entire load			
FALL	Falling Number min (seconds)	NA	NA	NA
SPRO	Sprouted Grains max (% by count) Sprouted kernels are those in which the covering of the germ is split and any further advanced stage of growth to the extent of the germ having grown or shot	NA	NA	NA
FFUN	Stained Grains max (% by count) Grains with a mould like discolouration on less than 50 % of the entire grain surface (Does not include Storage Moulds) Includes: Blackpoint, Blacktip and staining due to moist plant material	15% (45 grains)	15% (45 grains)	50% (150 grains)
PFUN	Pink Grain max (% by count) affected by the fungi <i>Fusarium</i> , <i>Eppicoccum</i> or <i>Drechslera</i> spp.	5% (15 grains)	5% (15 grains)	5% (15 grains)
WGDH	White Grain Disorder/Head Scab/Flaked Grain max (% by count)	1% (3 grains)	1% (3 grains)	1% (3 grains)
FFAG	Field Fungi Affected Grains max (count per half litre) Grains with the seed coat is greater than 50% discolouration with a mouldy substance (Does not include Storage Moulds)	10 grains	10 grains	40 grains
GREE	Dry Green, Sappy Green (% by count)	10% (30 grains)	10% (30 grains)	NA
DSTD	Distorted Grains max (% by count)	10% (30 grains)	10% (30 grains)	NA
SVDA	Severely Damaged (count per half litre) Heat Damaged or Burnt, Mould or other Serious Visual Defects	1	1	5
SMUT	Grain Infected With Ball Smut (Also Stinking Smut or Bunt) (<i>Tilletia caries</i>) max (entire load)	NIL	NIL	NIL
DAMI	Insect Damaged Grains max (% by count)	2%	2%	4%
	Foreign Seed Contaminants Tolerances apply to whole seeds or their equivalent in pieces and refer to the maximum total of all seeds named in each type per half litre. Except type (1) in which the maximum applies on an individual seed basis per half litre.			
WS1	Colocynth, Double Gees/Spiny Emex/Three Cornered Jack, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Opium Poppy, Parthenium Weed, Poppy (Field), Poppy (Horned), Wild Poppy	8*	8*	8*
WS2	Branched Broomrape, Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Ragweed, Rattlepods, Starburr, St Johns Wort	NIL	NIL	NIL
WS3A	Bathurst Burr, Bulls Head/Caltrop/Cats Heads, Cape Tulip, Cotton Seed, Dodder, Noogoora Burr, Thornapple	2	2	2
WS3B	Vetch (Tare), Vetch (Commercial)	4	4	4
WS3C	Heliotrope (Blue), Heliotrope (Common)	2 Pods/ 8 Seeds	2 Pods/ 8 Seeds	2 Pods/ 8 Seeds
WS4	Bindweed (Field), Cutleaf Mignonette, Darnel (Drake Seed), Hexham Scent/Melilot (King Island)**, Hoary Cress, Mintweed, Night Shades, Paddy Melon, Skeleton Weed, Variegated Thistle	20	20	20
WS5	Knapweed (Creeping/Russian), Pattersons Curse/Salvation Jane, Sesbania Pea	40	40	40
WS6	Columbus Grass, Johnson Grass, Saffron Thistle.	50	50	50
WS7A	Chickpeas, Cowpea, Faba Beans, Lentils, Lupin, Maize (Corn), Peas (Field), Safflower, Soybean, Sunflower	10	10	100
WS7B	Barley (2 row), Barley (6 row), Bindweed (Australian), Bindweed (Black), Durum (Unlimited in FEED), Oats (Black/Wild), Oats (Sand), Oats (Common), Red/Spring Feed Wheats (Unlimited in FEED), Rice, Rye (Cereal), Sorghum, Triticale, Turnip Weed, Any other seeds not specified in Types (1) to (7a) or SFS.	150	150	400
SFS	Small Foreign Seeds (SFS) max (% by weight)	1.2	1.2	1.2
	* Individual Seed Basis ** Hexham Scent is only acceptable if no tainting odour is present			
	Other contaminants - Maximum tolerance per half litre unless otherwise stated Note: NIL tolerance applies to the entire load except where otherwise stated			
PICK	Pickling Compound max (entire load)	NIL	NIL	NIL
CHEM	Chemicals Not Approved for Grain max (entire load)	NIL	NIL	NIL
ERGR	Ergot of Ryegrass max (length in cm when pieces are aligned per half litre)	2cm	2cm	2cm
ERGW	Ergot of Wheat max (count per half litre)	1	1	1
SGIL	Stored Grain Insects and Pea Weevils :Live max (entire load)	NIL	NIL	NIL
INLG	Field Insects (Large): All others max (count per half litre)	3	3	3
INSM	Field Insects (Small): All others max (count per half litre)	10	10	10
SNAL	Snails (Live or Dead) max (count per half litre)	10	10	10
EAR	Earcockle max (number of individual galls per half litre)	15	15	20
LSMT	Loose Smut max (pieces per half litre)	3	3	3
ESA	Sand max (count per half litre)	50	50	50
EART	Earth - 5mm max diameter (count per half litre)	3	3	6
STON	Stones (g per 2.5L) Maximum weight of all stones above 2.0mm screen per 2.5 L	4	4	4
OBJM	Objectionable Material max (entire load) Includes sticks, stones, gravel, odour and other foreign material such as animal excreta, glass, addition of water, concrete and metal	NIL	NIL	NIL
ONOM	Other Non-Objectionable Material max (% by weight) Includes fine material (dust and minerals), pieces snail shell, sticks less than 1cm long and 0.5cm diameter, other non-vegetative material	0.1	0.1	0.2

This chart is based on Grain Trade Australia (GTA) Standards CSG-150-1

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