(Grain Trade Australia) WHEAT STANDARDS 2017/2018

Sampling Guidelines

1) A minimum of 3 probes (litres) must be taken from every load tendered for delivery, plus an additional (probe) litre for every 10 tonnes in the load.

Name	CSG 110 APH1	CSG 100 APH2	CSG 101 H1	CSG 102 H2	CSG 103 APW1	CSG 104 APW2	CSG 105 ASW1	CSG 106 AUH2	CSG 107 AGP1	CSG 108 AUW1	CSG 109 HPS1	CSG 111 AUN1	CSG 120 ANW1	CSG 122 ANW2	CSG 126 ASWS	CSG 127 APWN	CSG 130 DR1	CSG 131 DR2	CSG 132 DR3	CSG 140 SFE1	CSG 141 SFE1 (SA)	CSG 142 SFT1	CSG 143 SFE2	CSG 144 SFE2 (SA)	CSG 145 SFT2	CSG 146 SGP1	CSG 147 SGP2	CSG 150 FED1	CSG 151 SFW1
Quality Parameter																													
Varietal Restrictions. Approved varieties only	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Protein Min (%). N X 5.7 @ 11% Moisture Basis	14.0	13.0	13.0	11.5	10.5	10.0	N/A	11.5	N/A	10.5	11.5	N/A	9.5	N/A	N/A	10.0	13.0	11.5	10.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	10.5	N/A	N/A
Protein Max (%). N X 5.7 @ 11% Moisture Basis	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	11.5	N/A	9.5	11.5	N/A	N/A	N/A	9.5	9.5	9.5	10.5	10.5	10.5	10.5	N/A	N/A	N/A
Moisture Max (%)	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
Test Weight Min (kg/hl)	76.0	76.0	76.0	76.0	76.0	76.0	76.0	71.0	68.0	68.0	68.0	68.0	76.0	72.0	76.0	76.0	76.0	76.0	71.0	76.0	76.0	76.0	76.0	68.0	72.0	70.0	70.0	62.0	70.0
Unmillable Material Above Screen Max (% by weight). Includes whiteheads (with grains removed), chaff, backbone, Wild Radish pods, Milk Thistle pods or other seedpods not otherwise listed. Excludes contaminants where tolerances already exist	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	2.6	2.6	2.6	0.6	1.2	0.6	0.6	0.6	0.6	1.2	0.6	0.6	0.6	0.6	1.2	1.2	1.2	1.2	2.6	1.2
Screenings Max (% by weight). All matter passing through a 2.0mm slotted screen	5.0	5.0	5.0	5.0	5.0	5.0	5.0	10.0	10.0	25.0	25.0	25.0	5.0	10.0	5.0	5.0	5.0	5.0	10.0	8.0	5.0	5.0	8.0	10.0	10.0	8.0	8.0	15.0	10.0
Falling Number Min (seconds). Falling Number result overrides the visual assessment for Sprouted grains	350	350	300	300	300	300	300	250	200	250	250	250	300	300	300	300	300	300	200	300	300	300	300	200	300	250	250	N/A	N/A
Defective Grains Max (% by count, 300 grain sample [500 grain sample for WA]; unless otherwise stated)																													
Sprouted Max (% by count). Falling Number result overrides the visual assessment for Sprouted grains	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	N/A	N/A
Stained Max (% by count)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	15.0	15.0	15.0	10.0	15.0	5.0	15.0	5.0	5.0	3.0	5.0	20.0	10.0	5.0	5.0	15.0	15.0	15.0	15.0	15.0	50.0	15.0
Pink Stained Max (% by count)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	5.0	3.0	5.0	2.0	5.0	2.0	2.0	2.0	2.0	5.0	2.0	2.0	2.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
White Grain Disorder / Head Scab Max (% by count)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Field Fungi Max (count per half litre)	10	10	10	10	10	10	10	10	10	20	20	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	40	10
Dry Green or Sappy Max (% by count)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	5.0	5.0	2.0	5.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	5.0	5.0	5.0	3.0	5.0	N/A	10.0
Distorted Max (% by count)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	10.0	10.0	2.0	10.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	5.0	10.0	5.0	3.0	5.0	N/A	10.0
Severely Damaged Max (count per half litre)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1
All Smuts except Loose Smut Max (entire load)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Insect Damaged Max (% count)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	3.0	4.0	2.0
Over-Dried Damaged Max (% count)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	N/A	Nil
Vitreous Kernels Min (using an approved method)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	80	70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Foreign Seed Contaminants Max (count of seeds in total per half litre; unless otherwise stated). 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.																													
Type 1 Max (individual seeds per half litre*). Colocynth, Double Gees/Spiny Emex/Three Cornered Jack, Jute, Long Head Poppy, Mexican Poppy, Opium Poppy, Field Poppy, Horned Poppy, Wild Poppy, New Zealand Spinach, Parthenium Weed**	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Type 2 Max (entire load). Castor Oil Plant, Coriander, Crow Garlic/ Wild Garlic, Darling Pea, Peanut seeds and pods, Ragweed, Rattlepods, Starburr, St. John's Wort	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Type 3a Max (seeds in total per half litre). Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Type 3b Max (seeds in total per half litre). Vetch (Tare), Vetch (Commercial)	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Type 3c Max (seeds in total per half litre). Heliotrope (Blue), Heliotrope (Common). Note: tolerance listed for seeds, where 4 seeds = 1 pod.	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Type 4 Max (seeds in total per half litre). Bindweed (Field), Cutleaf Mignonette, Darnel (Drake Seed), Hexham Scent/Meliot (only acceptable if no tainting odour is present), Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Type 5 Max (seeds in total per half litre). Knapweed (Creeping/Russian), Sesbania Pea, Patterson's Curse/ Salvation Jane	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
Type 6 Max (seeds in total per half litre). Colombus Grass, Johnson Grass, Saffron Thistle	10	10	10	10	10	10	10	50	50	50	50	50	10	50	10	10	10	10	50	10	10	10	10	50	10	10	10	50	50
Type 7a Max (seeds in total per half litre). Broad Beans, Chickpeas, Corn (Maize), Cowpea, Faba Beans, Lentils, Lupins, Peas (Field), Safflower, Soybean, Sunflower and any other seeds or pods greater than 5mm in diameter	1	1	1	1	1	1	1	10	10	10	10	10	1	10	1	1	1	1	10	1	1	1	1	10	1	1	1	100	10
Type 7b Max (seeds in total per half litre). Barley (2 & 6 row), Bindweed (Australian), Bindweed (Black), Durum, Red/Spring Feed Wheats, Oats (Black/Wild), Oats (Sand), Oats (Common), Rice, Rye (Cereal), Sorghum (Grain), Triticale, Turnip Weed and any other Foreign Seeds not specified in Types 1-7(a), in SFS or in Unmillable Material Above the Screen that remain above the 2.0mm screen following the Screenings process	50	50	50	50	50	50	50	150	150	150	150	150	50	150	50	50	50	50	150	50	50	50	50	150	50	50	50	400	150
Small Foreign Seeds Max (% by weight). All Foreign Seeds not specified in Types 1-7(b) that fall below the 2.0mm screen during the Screenings process	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	1.2	1.2	1.2	0.6	1.2	0.6	0.6	0.6	0.6	1.2	0.6	0.6	0.6	0.6	1.2	0.6	0.6	0.6	1.2	1.2

* Individual seed basis ** Parthenium weed is a NIL tolerance in NSW/VIC/SA

Other Contaminants Max (count per half litre; unless otherwise stated)																													
Pickling Compounds Max (entire load). Pickled grain or artificial colouring	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Chemicals Not Approved for Wheat Max (entire load). Residues of any chemical compound not approved for wheat, used in contravention of the labelled instructions or chemicals in excess of the MRL	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Ryegrass Ergot Max (length in cm per half litre). Length of all pieces present aligned end on end	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Cereal Ergot Max (count per half litre). Pieces or whole affected kernel	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Stored Grain Insects & Pea Weevil - Live Max (entire load). All life stages	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Insects - Large Max (count per half litre). Live or Dead. Includes Rutherglen bugs, ladybirds, grasshoppers, locusts, sitona weevils, wood bugs & pea weevil (dead only)	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Insects - Small Max (count per half litre). Live or Dead. Includes all species of aphid, mites & stored grain insects (dead only)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Earcockle Max (count per half litre). Number of galls	10	10	10	10	10	10	10	10	15	15	10	15	10	15	10	10	10	10	10	10	10	10	10	15	10	10	50	15
Snails Max (count per half litre). Live or Dead.	1	1	1	1	1	1	1	1	10	10	5	10	1	10	1	1	1	1	1	1	1	1	1	1	10	1	1	10	10
Loose Smut Max (count per half litre). Pieces of backbone	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Sand Max (count per half litre). Individual grains	20	20	20	20	20	20	20	50	50	50	50	50	20	50	20	20	20	20	20	20	20	20	20	20	50	20	20	50	50
Earth Max (count per half litre). 5mm maximum in diameter	1	1	1	1	1	1	1	3	3	3	1	3	1	3	1	1	1	1	1	1	1	1	1	1	3	1	1	6	3
Stones Max (weight in grams per 2.5 litres). Maximum weight of all Stones retained above a 2.0mm screen per 2.5L	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Objectionable Material Max (entire load). Presence of meat meal, blood meal, fish meal, poultry offal meal or other animal proteins. Sticks (>1cm in length and 0.5cm in diameter), stubble (>3cm in length and 1cm in diameter), glass, concrete, metal, animal excreta, animal carcasses, tainting agents or any other commercially unacceptable contaminant, smell or taste.	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
pieces of snail shell (< half), pieces of stored grain insects and sticks (≤1cm in length and	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Bread Wheat (% by weight). 300 grain sample (500 grain sample for WA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.0	3.0	5.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A