



(Grain Trade Australia) SORGHUM STANDARDS 2019/2020

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 1 SORGHUM No.1	CSG 2 SORGHUM No.2
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QUALITY PARAMETER

Description. Grain Sorghum of Red, White or Yellow varieties only	N/A	N/A
Moisture Max (%)	13.5	13.5
Test Weight Min (kg/hl)	71.0	62.0
Foreign Material Max (% by wt). All matter other than already specified in this Standard	2.0	4.0
Screenings Max (% by wt). All matter passing through a 2.0mm slotted screen – 40 shakes in the direction of the slots	11.0	25.0

DEFECTIVE GRAINS MAX - (% by count, 300 grain sample, unless otherwise stated)

Total Defective. Includes Field Fungi, Sappy, Insect Damaged, Severely Damaged and Mould	5.0	25.0
Field Fungi. Included in Total Defective.	3.0	10.0
Severely Damaged (% by weight per half litre). Heat damaged / bin burnt, diseased or other serious visual defects. Included in Total Defective	0.5	1.0
Mould (% by weight per half litre). Included in Total Defective	0.05	0.1
Sprouted. Not included in Total Defective	3.0	10.0

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 (Individual seed basis). Colocynth, Double Gees/Spiny Emex/Three Cornered Jack, Jute, Long Headed Poppy, Mexican Poppy, Field Poppy, Horned Poppy, Wild Poppy, New Zealand Spinach, Parthenium Weed**	8	8
Type 2 (entire load). Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Opium Poppy, Peanut seeds and pods, Ragweed, Rattlepods, Starburr, St. John's Wort	Nil	Nil
Type 3 (a). Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple/False Castor Oil	2	2
Type 3 (b). Vetch (Blue/Tare) and Vetch (Commercial)	4	4
Type 3 (c). Heliotrope (Blue), Heliotrope (Common). Note: Tolerance listed for seeds, where 4 seeds = 1 pod	8	8
Type 4 (a). Bindweed (Field), Cutleaf Mignonette seeds, Damel, Hexham Scent/King Island Melilot (Hexham Scent is only acceptable if no tainting odour is present), Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle	20	20
Type 5. Knapweed (Creeping/Russian), Patterson's Curse/Salvation Jane, Sesbania pea	40	40
Type 6. Saffron Thistle	10	10
Type 7 (a). Adzuki Beans, Broad Beans, Chickpeas, Corn (Maize), Cowpea, Faba Beans, Johnson Grass or Columbus Grass, Lentils, Lupin, Onion Weed Pods regardless of size, Peas (Field), Safflower, Soybean, Sunflower and any other seeds or pods greater than 5mm in diameter	50	50
Type 7 (b). Barley, Bindweed (Australian), Bindweed (Black), Carrot Weed, Wheat, Durum, Oats (Black/Wild - individual seeds counted in cluster), Oats (Sand), Oats (Common), Rice, Rye (Cereal), Ryegrass on Stalk, Sorghum (Forage), Triticale, Turnip Weed Pods and any other weed seeds not specified in Types 1-7(a) or SFS	400	400
Small Foreign Seeds (% by weight). All foreign seeds not specified in Types 1-7(b) that fall below the 2.0mm screen during the Screenings process	1.6	1.6

** QLD only. Nil tolerance in NSW, VIC, SA

OTHER CONTAMINANTS MAX - count per half litre, unless otherwise stated

Cereal Smut (entire load). Ball and Gall Smut or any other smut species	Nil	Nil
Cereal Ergot (entire load). Pieces or whole affected kernels of all cereal ergots except Sorghum Ergot	Nil	Nil
Sorghum Ergot (% by weight). Claviceps africana and Cerebella sclerotes	0.3	0.3
Ryegrass Ergot (entire load).	Nil	Nil
Stored Grain Insects & Pea Weevils – Live (entire load)	Nil	Nil
Insects – Large. Dead or alive. Includes Rutherglen bugs, ladybirds, grasshoppers/locusts, sitona weevils, wood bugs & pea weevil (dead only)	3	3
Insects – Small. Dead or alive. Includes all species of aphid, mites & stored grain insects (dead only)	10	10
Sand/Soil (% by weight).	0.06	0.06
Stones (g per 2.5L). Maximum total weight of all Stones retained above the 2.0mm screen per 2.5L	4.0	4.0
Objectionable Material (entire load). Sticks, glass, concrete, pickled grain, artificial colouring or any other commercially unacceptable contaminant	Nil	Nil
Odour (entire load). Grain which has any commercially foreign odour due to tainting agents or improper storage causing mould, souring or musty odours	Nil	Nil
Maximum Temperature (°C). Grain temperature ex grain dryer	35	35
Chemicals Not Approved for Sorghum (entire load). Residues of any chemical compound not approved for grain sorghum, used in contravention of the labelled instructions or chemicals in excess of the MRL	Nil	Nil

As at 01 Aug 2019