

SORGHUM STANDARDS 2017/2018 - GTA

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.

BINNED GRADE CSG Number:	No.1 CSG-1	No.2 CSG-2
PHYSICAL QUALITY PARAMETERS		
Grain sorghum of red, white and yellow varieties only		
Moisture (%) Maximum	13.5	13.5
Test Weight (kg/hl) Minimum	71.0	62.0
Foreign Material (%) Maximum All material not already specified on this chart	2.0	4.0
Screenings (Unmillable Material Below the Screen) (% by weight) Maximum. Material passing through a 2.0mm slotted screen after 40 shakes	11.0	25.0

DEFECTIVE GRAINS (% by count, 300 grain sample; unless otherwise stated)		
Total Defective (%) Maximum	Includes	5.0
Field Fungi, Severely Damaged, Insect Damaged, Sappy, Mould		25.0
of which Field Fungi (%) Maximum		3.0
of which Severely Damaged (% by wt per half litre) Maximum		0.5
of which Mould (% by wt per half litre) Maximum		0.05
Sprouted (% Maximum) - Not included in Total Defective. Shoot visibly appearing coming out of the germ.		3.0

FOREIGN SEED CONTAMINANTS Max (count 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) Colocynthis, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Oats (Black/Wild)***, Parthenium Weed***, Poppy (Field), Poppy (Horned), Wild Poppy	8*	8*
Type 2 Max (entire load) Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Double Gees/Spiny Emex/Three Cornered Jack, Opium Poppy, Peanut Seeds & Pods, Ragweed, Rattlepods, Starburr, St Johns Wort	Nil	Nil
Type 3a Max (seeds in total per half litre) Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cats Heads, Cape Tulip, Cotton Seed, Dodder, Noogoora Burr, Thornapple	2	2
Type 3b Max (seeds in total per half litre) Vetch (Tare), Vetch (Commercial)	4	4
Type 3c Max (seeds in total per half litre) Heliotrope (Blue), Heliotrope (Common) Note - 2 pods/8 seeds	8	8
Type 4 Max (seeds in total per half litre) 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
Type 5 Max (seeds in total per half litre) Knapweed (Creeping/Russian), Pattersons Curse/Salvation Jane, Sesbania Pea	40	40
Type 6 Max (seeds in total per half litre) Saffron Thistle	10	10
Type 7a Max (seeds in total per half litre) Broad Beans, Chickpeas, Columbus Grass, Cowpea, Faba Beans, Johnson Grass, Lentils, Lupin, Maize (Corn), Peas (Field), Safflower, Soybean, Sunflower, Any other seeds or pods greater than 5mm diameter	50	50
Type 7b Max (seeds in total per half litre) Barley, Bindweed (Australian), Bindweed (Black), Durum, Oats (Sand), Oats (Black/Wild), Rice, Rye (Cereal), Sorghum (Forage), Triticale, Turnip Weed, Wheat and any other seed not specified in Type 1 to Type 7a or SFS	400	400
Small Foreign Seeds Max (% by weight) Foreign seeds not specified in Type 1-7b falling below the 2mm screen	1.6	1.6

* Individual Seed basis

Parthenium Weed is a NIL tolerance in NSW/VIC/SA. *Hexham Scent is only acceptable if no tainting odour is present.

OTHER CONTAMINANTS Max (count per half litre; unless otherwise stated)		
Cereal Smuts (entire load) Includes all smut species	Nil	Nil
Cereal Ergot (entire load) Includes whole or pieces of ergot of all cereals except sorghum	Nil	Nil
Sorghum Ergot (% by wt) Maximum <i>Claviceps africana</i> and <i>Cerebella sp</i> sclerotes	0.3	0.3
Ryegrass Ergot (entire load) Maximum	Nil	Nil
Stored Grain Insects & Pea Weevil - Live (entire load)	Nil	Nil
Insects - Large Live or Dead (count per half litre) Maximum. Includes Desiantha Weevil, Hairy Fungus Beetle, Pea Weevil (dead only), Sitona Weevil, Rutherglen bugs, ladybirds, grasshoppers and wood bugs, whole or parts thereof.	3	3
Insects - Small Live or Dead (count per half litre) Maximum. Includes all species of aphid, minute mould beetle, mites & stored grain insects (dead only).	10	10
Sand/Soil (% by weight) Maximum No size limit for soil	0.06	0.06
Stones (g per 2.5L). Maximum weight retained above the 2.0mm screen per 2.5L sample	4	4
Temperature (degrees Celsius) Maximum. Applies to grain directly ex a grain dryer	35	35
Objectionable Material (entire load) Includes sticks, tainting agents and other commercially unacceptable contaminants such as animal excreta, animal meal or carcasses, glass, concrete and metal.	Nil	Nil
Pickling Compounds (entire load)	Nil	Nil
Odour (entire load) Grain which has any commercially objectionable foreign odour due to tainting agents or improper storage causing mould, souring or musty odours	Nil	Nil
Chemicals Not Approved for Sorghum (entire load) Residues of any chemical compound not approved for Sorghum, used in contravention of the labelled instructions or chemicals in excess of the MRL.	Nil	Nil