



SORGHUM STANDARDS 2021-2022

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THIS CHART IS INTENDED TO ACT AS A GUIDE ONLY

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GrainCorp

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	SOR	SOR2
Description – Grain Sorghum of red, white and yellow varieties only.			
MOGR	Moisture maximum (%)	13.5	13.5
TWT	Test Weight minimum (kg/hl)	71	62
FGNM	Foreign Material maximum (% by weight) Includes chaff, trash and all material not already categorised specifically in the other definitions within the standard.	2.0	4.0
SCRN	Screenings maximum (% by weight) All matter passing through a 2.0mm slotted screen after 40 shakes.	11.0	25.0
Defective Grains – Maximum tolerance as per specified method. Defective definitions are to be read in conjunction with the photo in the Visual Recognition Standards Guide which depicts the minimum standard for a grain to be classified as defective .			
DFCT	Total Defective maximum (% by count per 300 Grain Sample) Includes Field Fungi, Sappy, Insect Damaged, Severely Damaged and Mould.	5% (15 grains)	25% (75 grains)
FFUN	OF WHICH Field Fungi maximum (% by count per 300 Grain Sample) Field Fungi refers to kernels affected by the growth of fungi on the seed coat. The fungal growth can vary in colour from white, to grey, to black. It does not refer to the more serious Moulds.	3% (9 grains)	10% (30 grains)
SPRO	Spouted maximum (% by count per 300 Grain Sample) Not included in Total Defective Maximum.	3% (9 grains)	10% (30 grains)
SEVE	Severely Damaged (% by weight per half litre above 2.0mm screen) Heat damaged / bin burnt, diseased or other serious visual defects. Kernels have become significantly discoloured. Grains appear dark brown or in severe cases, blackened.	0.5%	1.0%
MLD	Mould maximum (% by weight per half litre) Affected grains appear discoloured and visibly affected by mould.	0.05%	0.1%
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	TYPE(1): Colocynthis, Double Gees/Spiny Emex/Three Cornered Jack, Jute, Long Headed Poppy, Opium Poppy, Mexican Poppy, Field Poppy, Horned Poppy, Wild Poppy, New Zealand Spinach, Parthenium Weed** (QLD only)	8*	8*
WS2	TYPE(2): Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Parthenium Weed **(NSW/VIC/SA), Peanut seeds and pods, Ragweed, Rattlepods, Starburr, St. John's Wort	NIL	NIL
WS3A	TYPE(3a): Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple/False Castor Oil	2	2
WS3B	TYPE(3b): Vetch (Blue/Tare) and Vetch (Commercial)	4	4
WS3C	TYPE(3c): Heliotrope (Blue), Heliotrope (Common) ****Note: included in this Type are tolerances for seeds or pods.	2 Pods / 8 Seeds	2 Pods / 8 Seeds
WS4	TYPE(4): Bindweed (Field), Cutleaf Mignonette seeds, Darnel (Drake Seed), Hexham Scent/King Island Melilot**, Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle	20	20
WS5	TYPE(5): Knapweed (Creeping/Russian), Patterson's Curse/Salvation Jane, Sesbania pea	40	40
WS6	TYPE(6): Saffron Thistle	10	10
WS7A	TYPE(7a): Adzuki Beans, Broad Beans, Chickpeas, Corn (Maize), Cowpea, Faba Beans, Johnson Grass or Columbus Grass, Lentils, Lupin, Medic Pods, Peas (Field), Safflower, Soybean, Sunflower and any other seeds or pods greater than 5mm in diameter. Includes Onion Weed Pods regardless of size.	50	50
WS7B	TYPE(7b): Barley (2 or 6 row), Bindweed (Australian), Bindweed (Black), Brome Grass, Carrot Weed, Wheat, Durum, Red / Spring Feed Wheats, Oats (Black), Oats (Sand), Oats (Wild), Oats (Common), Rice, Rye (Cereal), Ryegrass on Stalk, Sorghum (Forage), Triticale, Turnip Weed Pod and any other foreign seeds not specified in Types 1-7(a) or in SFS.	400	400
SFS	Small Foreign Seeds maximum (% by weight) Foreign seeds not already specified in Types 1-7(b) that fall below the 2.0mm screen during the screenings process.	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 ***** Heliotrope pods must be opened and the seeds counted			
Other Contaminants – Maximum tolerances as per method specified. Note: NIL tolerance applies to the entire load.			
SMUT	Cereal Smut maximum (entire load) Ball Smut, Gall Smut, Other Smut Species	NIL	NIL
ERGR	Cereal Ergot, Ryegrass Ergot maximum (entire load)	NIL	NIL
ERGS	Sorghum Ergot maximum (% by weight per half litre)	0.3%	0.3%
LIVE	Stored Grain Insects and Pea Weevils: Live maximum (entire load)	NIL	NIL
INLG	Field Insects – Large, dead or alive maximum (count per half litre) Includes: Desiantha Weevil, Pea Weevil (dead only), Sitona Weevil, Rutherglen bugs, ladybirds, grasshoppers and wood bugs, whole or parts thereof. These are insect contaminants of grain that do not cause damage to stored grains.	3	3
INSM	Field Insects – Small, dead or alive maximum (count per half litre) Includes: all species of aphid, minute mould beetle, mites & stored grain insects (dead only). These are insect contaminants of grain that do not cause damage to stored grains.	10	10
SAND	Sand / Soil maximum (% by weight per half litre)	0.06%	0.06%
STON	Stones maximum (g per 2.5L above 2.0mm screen) Weight of all stones retained above a 2.0mm screen per 2.5L.	4	4
OBJM	Objectionable Material, Odours maximum (entire load) Sticks/stubble (>3cm in length and/or 1cm in diameter), glass, concrete, fertiliser, animal excreta, animal carcasses, pickled grain or any other commercially unacceptable contaminant, smell or taste greater than the tolerance or specifications as allowed in these standards.	NIL	NIL
TEMP	Grain Temperature maximum (°C) Grain temperature ex grain dryer.	35°C	35°C
CHEM	Chemicals Not Approved for Sorghum maximum (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 Australian MRL.	NIL	NIL

NOTE: Honey Dew affected grain will only be accepted if the grain is able to flow freely through the grain chute before unloading.

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