



SORGHUM STANDARDS 2018-2019

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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) All material other than sorghum. Includes pieces of seed pods (Max % by weight)	2.0	4.0
SCRN	Screenings maximum (% by weight) All matter passing through a 2mm slotted screen after 40 shakes	11.0	25.0
Defective Grain – Maximum count per half litre unless otherwise stated (1% = 3 grains). 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. Note: NIL tolerance applies to the entire load except where stated otherwise.			
DFCT	Total Defective maximum (% by count per 300 Grain Sample) Includes Field Fungi, Sappy, Frost Damaged, Insect Damaged, Bin Burnt/Heat Damaged and Storage Mould	5% (15 grains)	25% (75 grains)
FFUN	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 Mould.	3% (9 grains)	10% (30 grains)
SPRO	Sprouted maximum (% by count per 300 Grain Sample)	3% (9 grains)	10% (30 grains)
SEVE	Severely Damaged (% by weight per half litre) Bin Burnt / Heat Damaged (Bin Burnt refers to those kernels that have become discoloured. Affected grains appear reddish or dark brown, or in severe cases, blackened, Diseased / Other Serious Visual Defects (Refers to those kernels that have become discoloured and / or have a serious visual defect that is not otherwise listed in these Standards. Affected grains may have a range of visual appearances.	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%
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, Mexican Poppy, Field Poppy, Horned Poppy, Wild Poppy, New Zealand Spinach, Parthenium Weed**	8*	8*
WS2	TYPE(2): Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Opium Poppy, 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, Damel, 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 Colombus Grass, Lentils, Lupin, 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, Bindweed (Australian), Bindweed (Black), Wheat, Durum, Oats (Black), Oats (Sand), Oats (Wild), Oats (Common), Rice, Rye (Cereal), Ryegrass on Stalk, Sorghum (Forage), Triticale, Turnip Weed and any other weed seeds not specified in Types 1-7(a) or SFS	400	400
SFS	Small Foreign Seeds maximum (% 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%
* 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 – Tolerances refer to the maximum total of all contaminants named in each type per half litre unless otherwise stated. Note: NIL tolerance applies to the entire load except where stated otherwise.			
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)	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, Hairy Fungus Beetle, 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/ SOIL	Sand / Soil maximum (% by weight)	0.06%	0.06%
STON	Stones (g per 2.5L) Maximum weight of all Stones retained above a 2.0mm screen per 2.5L	4	4
OBJM	Objectionable Material, Odours maximum (entire load) Sticks, glass, concrete, pickled grain or any other commercially unacceptable contaminant, smell or taste	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 MRL	NIL	NIL

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