



# SORGHUM STANDARDS 2023-2024

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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
<b>Description</b> – 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
<b>Defective Grains – Maximum tolerance as per specified method.</b> 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 <b>defective</b> .			
DFCT	<b>Total Defective maximum (% by count per 300 Grain Sample)</b> Includes Field Fungi, Sappy, Insect Damaged, Severely Damaged and Mould.	5% (15 grains)	25% (75 grains)
FFUN	<b>OF WHICH</b> <b>Field Fungi maximum (% by count per 300 Grain Sample)</b> 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	<b>Spouted maximum (% by count per 300 Grain Sample)</b> Not included in Total Defective Maximum.	3% (9 grains)	10% (30 grains)
SEVE	<b>Severely Damaged maximum (% by weight per half litre above 2.0mm screen)</b> 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	<b>Mould maximum (% by weight per half litre)</b> Affected grains appear discoloured and visibly affected by mould.	0.05%	0.1%
<b>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.</b> Except Type(1) in which the maximum applies on an individual seed basis per half litre.			
WS1	<b>TYPE(1):</b> 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	<b>TYPE(2):</b> 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	<b>TYPE(3a):</b> Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple/False Castor Oil	2	2
WS3B	<b>TYPE(3b):</b> Vetch (Blue/Tare) and Vetch (Commercial)	4	4
WS3C	<b>TYPE(3c):</b> Heliotrope (Blue), Heliotrope (Common) ****Note: included in this Type are tolerances for seeds or pods.	2 Pods / 8 Seeds	2 Pods / 8 Seeds
WS4	<b>TYPE(4):</b> 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	<b>TYPE(5):</b> Knapweed (Creeping/Russian), Patterson's Curse/Salvation Jane, Sesbania pea	40	40
WS6	<b>TYPE(6):</b> Saffron Thistle	10	10
WS7A	<b>TYPE(7a):</b> 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	<b>TYPE(7b):</b> Barley (2 or 6 row), Bindweed (Australian), Bindweed (Black), Brome Grass, Carrot Weed, Wheat, Durum, Red / Spring Feed Wheats, Oats (Black or Wild)*****, Oats (Sand), 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	<b>Small Foreign Seeds maximum (% by weight)</b> 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      *****Counted individually if clustered			
<b>Other Contaminants – Maximum tolerances as per method specified. Note: NIL tolerance applies to the entire load.</b>			
SMUT	<b>Cereal Smut maximum (entire load)</b> Ball Smut, Gall Smut, Other Smut Species	NIL	NIL
ERGR	<b>Cereal Ergot, Ryegrass Ergot maximum (entire load)</b>	NIL	NIL
ERGS	<b>Sorghum Ergot maximum (% by weight per half litre)</b>	0.3%	0.3%
LIVE	<b>Stored Grain Insects and Pea Weevils: Live maximum (entire load)</b>	NIL	NIL
INLG	<b>Field Insects – Large, dead or alive maximum (count per half litre)</b> 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	<b>Field Insects – Small, dead or alive maximum (count per half litre)</b> 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
GUMN	<b>Gumnuts maximum (count per 2.5L) - Whole or pieces of any size and maturity level</b>	1	1
SAND	<b>Sand / Soil maximum (% by weight per half litre)</b>	0.06%	0.06%
STON	<b>Stones maximum (g per 2.5L above 2.0mm screen) - Weight of all stones retained above a 2.0mm screen per 2.5L.</b>	4.0	4.0
OBJM	<b>Objectional Material maximum (entire load)</b> Presence of meat meal, blood meal, fish meal, poultry offal meal or other animal proteins. Sticks/Stubble (>3cm in length and/or 1cm in diameter), glass, concrete, metal, fertiliser, animal excreta, animal carcasses, tainting agents or any other commercially unacceptable contaminant, odour or taste.	NIL	NIL
TEMP	<b>Grain Temperature maximum (°C) - Grain temperature ex grain dryer.</b>	35°C	35°C
CHEM	<b>Chemicals Not Approved for Sorghum maximum (entire load)</b> 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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