

# SORGHUM STANDARDS 2023 - 2024



THIS CHART IS INTENDED TO ACT AS A GUIDE ONLY

703.7 - Sorghum Standards 2023-2024 - Iss1 - February 2024

## Sampling Guidelines

- 1) A minimum of 3 vertical probes must be taken from every bin-load tendered for delivery. At least 3 litres must be drawn plus an additional litre for every 10 tonnes in the load.
- 2) The sample must be mixed and split using divider prior to assessment.
- 3) Please refer to 2023-2024 GCM for testing procedures

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 not available at all GrainFlow locations

Test Code		SOR	SOR2
<b>Description</b>	<b>Grain Sorghum of Red, White or Yellow varieties only</b>		
MOGR	Moisture Content (%) Maximum	13.5	13.5
TWT	Test Weight minimum (kg/hl)	71	62
FM	Foreign Material Max (% by wt) All matter other than sorghum, includes pieces of seed pods.	2	4
UNMB	Screenings Max (% by wt) All matter passing through a 2.0mm slotted screen - 40 shakes.	11	25
	Defective - Max % by count (300 grain sample, unless otherwise stated)		
TOTD	Total Defective maximum (% by count) Includes Field Fungi, sappy, Insect Damaged, Heat Damaged/Bin Burnt and Storage Mould	5%	25%
FUNG	OF WHICH Field Fungi maximum (% by count)	3%	10%
SVDA	OF WHICH Bin Burnt/Heat Damaged maximum (% by weight per half litre)	0.5%	1%
MLD	OF WHICH Storage Mould maximum (% by weight per half litre)	0.05%	0.1%
SPRO	Sprouted maximum (% by count)	3%	10%
	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		
SS1	TYPE (1): Colocynth, Double Gees/Spiney Emex/ Three Cornered Jack, Field Poppy, Horned Poppy, Jute, Long Headed Poppy, Mexican Poppy, New Zealand Spinach, Parthenium Weed (QLD only), Wild Poppy, Poppy Field and Poppy Horned	8*	8*
SS2	TYPE(2): Castor Oil plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Opium Poppy, Peanut seeds and pods, Ragweed, Rattlepods, Starburr, St Johns Wort, Pathenium Weed (NSW/VIC/SA)	NIL	NIL
SS3A	TYPE(3A): Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cats Heads, Cape Tulip, Cotton Seed, Dodder, Noogoora Burr, Thornapple	2	2
SS3B	TYPE (3B): Vetch (commercial), Vetch (Blue/Tare)	4	4
SS3C	TYPE(3C): Heliotrope (Blue), Heliotrope (common)	2 Pods/ 8 Seeds	2 Pods/ 8 Seeds
SS4	TYPE(4): Bindweed (Field), Cutleaf Mignonette seeds or pods, Darnel, Hexham Scent/Melilot (King Island)**, Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle	20	20
SS5	TYPE(5): Creeping Knapweed/Russian Knapweed, Patersons Curse/Salvation Jane, Sesbania Pea	40	40
SS6	TYPE(6): Saffron Thistle	10	10
SS7A	TYPE(7a): Adzuki Beans, Broad Beans, Chickpeas, Corn (Maize), Cowpea, Faba Beans, Johnson Grass or Colombus Grass, Lentils, Lupin, Field Peas, Medic Pods Safflower, Soybean, Sunflower and any other other seeds or pods greater than 5mm in diameter. Includes Onion weed pods regardless of size	50	50
SS7B	TYPE(7b): Barley, Bindweed (Australian), Bindweed (Black), Durum, Oats (Common, Sand, Wild & Black), Rice, Cereal Rye, Sorghum, Triticale, Turnip Weed, Ryegrass on stalk, Wheat and any other seed not specified in Types 1-7(a) or SFS	400	400
SSFS	Small Foreign Seeds max (% by weight) All foreign seeds not specified in Types 1- 7(b) that fall below the 2.00mm screen during the screenings process	1.60%	1.60%
	* Individual Seed Basis ** Hexham Scent is only acceptable if no tainting odour is present		
	Contaminants - Maximum tolerance per half litre unless otherwise stated		
SSMU	Cereal Smut (entire load) Ball and Gall smut or any other smut species	NIL	NIL
SERG	Cereal Ergot, Ryegrass Ergot (entire load) Pieces or whole affected kernels of all cereal ergots except Sorghum Ergot	NIL	NIL
ERGS	Sorghum Ergot maximum (% by weight)	0.3	0.3
SGIL	Stored Grain insects & Pea weevils - Live (entire load)	NIL	NIL
INLG	Field Insects - Large (dead or alive) maximum (by count) - Includes but not restricted to Desiantha Weevil, Grasshoppers, Locusts, Ladybirds, Pea weevil (dead), Sitona weevil, Wood bugs	3	3
INSM	Field Insects - Small (dead or alive) maximum (by count) - Includes but not restricted to Aphids, Minute Mould Beetle, Mites & stored grain insects (dead only)	10	10
ESA	Sand/Soil maximum (% by weight)	0.06%	0.06%
STNS	Stones (g per 2.5L) Maximum total weight of all stones retained above 2mm screen per 2.5L	4	4
OBJM	Objectionable Matter max (entire load) Includes: Live stored product insects, sticks, glass, concrete, odours, excreta or any other commercially unacceptable contaminant, smell or taste.	NIL	NIL
TEM	Grain Temperature (°C) Grain temperature ex dryer	35	35
ODOR	Odour (Entire Load) Grain which has any commercially foreign odour due to tainting agents or improper storage	NIL	NIL
GUM	Gumnut (count per 2.5L) Whole or pieces of gumnut of any size and maturity level	1	1
CHEM	Non Approved Chemicals (Entire Load) Residues of any chemical compound not approved for sorghum	NIL	NIL

This chart is based on Grain Trade Australia standards CSG-1-2.

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