



SORGHUM STANDARDS 2014-2015

THIS CHART IS INTENDED TO ACT AS A GUIDE ONLY
REFER TO GTA SORGHUM STANDARDS 2014-2015 FOR CONFIRMATION

703.8 – Sorghum Standards 2014-2015 – Iss1 – January 2015

**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	SOR3
	Description – Grain Sorghum of red, white and yellow varieties only.			
MOGR	Moisture maximum (%)	13.5	13.5	13.5
TWT	Test Weight minimum (kg/hl)	71	62	62
FM	Foreign Material maximum (%) by weight All matter other than sorghum	4.0	4.0	4.0
UNMB	Screenings maximum (%) by weight All matter passing through a 2mm slotted screen after 40 shakes	11.0	25.0	50.0
TRSH	Trash maximum (%) by weight Chaff and trash retained above a 2mm slotted screen after 40 shakes	5.0	15.0	15.0
Defective Grain – Maximum % by count per 300 Grain Sample 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.				
TOTD	Total Defective maximum (%) by count Total of Sprouted, Stained, Field Fungi, Dry Green, Sappy, Frosted, Insect Damaged	10% (30 grains)	20% (60 grains)	20% (60 grains)
SPRO	Sprouted maximum (%) by count	5% (15 grains)	10% (30 grains)	10% (30 grains)
STND	Stained maximum (%) by count	5% (15 grains)	10% (30 grains)	10% (30 grains)
FUNG	Field Fungi maximum (%) by count	5% (15 grains)	10% (30 grains)	10% (30 grains)
GREE	Dry Green, Sappy, Frost Damaged, Insect Damaged maximum (%) by count	5% (15 grains)	10% (30 grains)	10% (30 grains)
HETD	Heat Damaged maximum (%) by count	0.6% (2 grains)	0.6% (2 grains)	0.6% (2 grains)
BBSM	Bin Burnt and Storage Mould maximum (%) by weight	0.05%	0.05%	0.05%
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/Spiny Emex/Three Cornered Jack, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Opium Poppy, Parthenium Weed**, Poppy (Field), Poppy (Horned), Wild Poppy	8*	8*	8*
SS2	TYPE(2): Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Peanut seeds and pods, Ragweed, Rattlepods, Starburr, St. Johns Wort	NIL	NIL	NIL
SS3A	TYPE(3a): Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head / Caltrop / Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	2	2	2
SS3B	TYPE(3b): Vetch (Commercial), Vetch (Tare)	4	4	4
SS3C	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	2 Pods / 8 Seeds
SS4	TYPE(4): Bindweed (Field), Cut-leaf mignonette seeds or pods, Darnel (Drake Seed), Hexham Scent/ Melilot (King Island)***, Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle	20	20	20
SS5	TYPE(5): Knapweed, Paterson's Curse / Salvation Jane, Sesbania Pea	40	40	40
SS6	TYPE(6): Saffron Thistle	10	10	4% by weight
SS7A	TYPE(7a): Broad Beans, Chickpeas, Columbus Grass, Corn (Maize), Cowpea, Faba Beans, Johnson Grass, Lentils, Lupin, Peas (Field), Safflower, Soybean, Sunflower, And any other seeds or pods greater than 5mm in diameter	50	50	
SS7B	TYPE(7b): Barley (2 row), Barley (6 row), Bindweed (Australian), Bindweed (Black), Durum, Red/Spring Feed Wheats, Oats (Black or Wild), Oats (Sand), Oats (Common), Rice, Rye (Cereal), Sorghum (Forage), Triticale, Turnip Weed, Wheat Type 7b includes any other Foreign Seeds not specified in Types 1 - 7a or elsewhere in Small Foreign Seeds	400	400	
SSFS	Small Foreign Seeds maximum (%) by weight	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.				
SSMU	Cereal Smut maximum (entire load) Ball Smut, Gall Smut, Other Smut Species	NIL	NIL	NIL
SERG	Cereal Ergot, Ryegrass Ergot maximum (entire load)	NIL	NIL	NIL
ERGS	Sorghum Ergot maximum (%) by weight ****	0.3	0.3	0.3
SGIL	Stored Grain Insects and Pea Weevils :Live maximum (entire load)	NIL	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	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	10
ESAP	Earth (maximum 5mm diameter) maximum (count per half litre)	6	6	6
ESA	Sand maximum (count per half litre)	50	50	50
OBJM	Objectionable Material, Odours maximum (entire load) Sticks, glass, concrete, pickled grain or any other commercially unacceptable contaminant, smell or taste	NIL	NIL	NIL
STNS	Stones (g per 2.5L) Maximum weight of all Stones retained above a 2.0mm screen per 2.5L	4	4	4
TEM	Grain Temperature maximum (°C) Grain temperature ex grain dryer	35°C	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	NIL

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

**** GTA Standard Sorghum No.1a limits sorghum ergot to a maximum 0.1% by weight.

This chart is based on Grain Trade Australia (GTA) standard Sorghum No.1, Sorghum No. 1a, Sorghum No.2, Sorghum No. 3
Not to be assessed at Sample Stand unless otherwise advised