

QUALITY PARAMETER			SOR	SOR2
GTA Standards			CSG1	CSG2
<b>VARIETIES:</b> Grain Sorghum of red, white and yellow varieties only. Approved varieties in below table.				
<b>MOISTURE:</b>	Max %	<b>MO</b>	13.5	13.5
<b>TEST WEIGHT:</b>	Min kg/hl	<b>TW</b>	71.0	62.0
<b>FOREIGN MATERIAL:</b>	Max %by weight	<b>FM</b>	2.0	4.0
<b>SCREENINGS:</b> Below 2.00mm Agtator Screen	Max % by Weight	<b>SC</b>	11.0	25.0
<b>Defective Grains (% by count per 300 grain sample unless otherwise stated)</b>				
<b>Total Defective:</b> Includes Field Fungi, Sappy, Insect Damaged, Severely Damaged and Mould.	Max % by count	<b>TDG</b>	5%	25%
<b>Field Fungi:</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.	Max % by count	<b>FF</b>	3	10
<b>Severely Damaged -</b> Above 2.0mm Screen Heat damaged / bin burnt, diseased or other serious visual defects.	Max % by weight per ½ Litre	<b>BB</b>	0.5	1
<b>Mould</b>	Max % by weight per ½ Litre	<b>MS</b>	0.05%	0.1%
<b>Sprouted:</b> Not included in Total Defective Maximum.	Max % by count	<b>SP</b>	3%	10%
<b>Foreign Seed Contaminants – Max (count total per half litre unless otherwise stated)</b>				
<b>Type 1:</b> Colocynth, Double Gees/Spiny Emex/Three Cornered Jack, Field Poppy, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Jute, Wild Poppy, Horned Poppy, Parthenium Weed (Qld only)	Individual seeds per ½ litre	<b>S1</b>	8	8
<b>Type 2:</b> Caster Oil Plant, Coriander, Crow Garlic / Wild Garlic, Darling Pea, Opium Poppy, Peanut seeds and pods, Ragweed, Rattlepods, Starburr, St John’s Wort, Parthenium Weed (NSW/VIC/SA)	<b>Entire Load</b>	<b>S2</b>	<b>Nil</b>	<b>Nil</b>
<b>Type 3a:</b> Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head / Caltrop / Cats Heads, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple/False Castor Oil	Seeds in total per ½ litre	<b>3a</b>	2	2
<b>Type 3b:</b> Vetch (Blue/Tare), Vetch (Commercial)	Seeds in total per ½ litre	<b>3b</b>	4	4
<b>Type 3c:</b> Heliotrope (Blue), Heliotrope (Common)	Seeds in total per ½ litre	<b>3c</b>	2 Pod 8 Seeds	2 Pod 8 Seeds
<b>Type 4:</b> Field Bindweed, Cut-leaf Mignonette seeds, Darnel (Drake Seed), **Hexham Scent/Melilot (King Island), Hoary Cress, Paddy Melon, Variegated Thistle, Nightshades, Skeleton Weed, Mintweed **Hexham Scent is only acceptable if no tainting odour is present	Seeds in total per ½ litre	<b>S4</b>	20	20
<b>Type 5:</b> Creeping Knapweed / Russian Knapweed, Sesbania Pea, Patterson’s Curse / Salvation Jane	Seeds in total per ½ litre	<b>S5</b>	40	40
<b>Type 6:</b> Saffron Thistle	Seeds in total per ½ litre	<b>S6</b>	10	10
<b>Type 7a:</b> Adzuki Beans, Broad Bean, Chickpeas, Clover pods, Corn (Maize), Onion Weed pods (regardless of size), Cowpea, Faba Beans, Johnson Grass or Columbus Grass, Lentils, Lupin, Safflower, Soybean, Peas (Field), Medic Pods, Sunflower and any other seeds or pods greater than 5 mm in diameter	Seeds in total per ½ litre	<b>7a</b>	50	50
<b>Type 7b:</b> 6 Row Barley, Australian Bindweed, Black Bindweed, Brome Grass, Carrot Weed, Wheat, Durum, Oats (Black, Sand, Wild, Common), Rice, Rye Cereal, Triticale, Ryegrass on Stalk, , Sorghum (Forage), , Turnip Weed pods, and any other foreign seeds not specified in Types 1-7(a), Foreign Gran, SFS	Seeds in total per ½ litre	<b>7b</b>	400	400
<b>Small Foreign Seeds:</b> All Foreign Seeds not specified in Types 1-7(b), Foreign Grain, Variation (a or b) that fall below the 2.20mm screen during the Screenings process	Max % by Weight	<b>SS</b>	1.6	1.6
<b>Other Contaminants</b>				
<b>Pickling Compounds</b>	<b>Entire Load</b>	<b>PI</b>	<b>Nil</b>	<b>Nil</b>
<b>Chemicals Not Approved for Sorghum</b>	<b>Entire Load</b>	<b>CHS</b>	<b>Nil</b>	<b>Nil</b>
<b>Ryegrass Ergot</b>	<b>Entire Load</b>	<b>RE</b>	<b>Nil</b>	<b>NIL</b>
<b>Cereal Ergot</b>	<b>Entire Load</b>	<b>CE</b>	<b>Nil</b>	<b>Nil</b>
<b>Sorghum Ergot</b>	Max % by Weight per ½ litre	<b>SERG</b>	0.3%	0.3%
<b>Stored Grain Insects &amp; Pea Weevil – Live</b>	<b>Entire Load</b>	<b>LGI</b>	<b>Nil</b>	<b>Nil</b>
<b>Field Insects – Large, dead or alive</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.	Max Count per ½ litre	<b>FI</b>	3	3
<b>Field Insects – Small, dead or alive – Included Dead Stored Grain Insects</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	Max Count per ½ litre	<b>FIS</b>	10	10
<b>SMUTS:</b> Cereal Smut maximum (entire load) Ball Smut, Gall Smut, Other Smut Species	<b>Entire Load</b>	<b>SM</b>	<b>Nil</b>	<b>Nil</b>
<b>Sand – 0.06-2.20mm in size, includes Earth and Stones below 2.20mm Screen</b>	% by weight per ½ litre	<b>ES</b>	0.06%	0.06%
<b>Stones – Above 2.00mm Screen</b>	Max Weight per 2.5litres	<b>SE</b>	4.0	4.0
<b>Gumnuts – Whole or pieces of gumnut of any size and maturity level</b>	Max Count per 2.5litres	<b>GU</b>	1	1
<b>Objectionable Material (including Odour)</b>	<b>Entire Load</b>	<b>OM</b>	<b>Nil</b>	<b>Nil</b>
<b>Grain Temperature maximum (°C) - Grain temperature ex grain dryer.</b>		<b>TEMP</b>	<b>35°C</b>	<b>35°C</b>
<b>NOTE: Honey Dew affected grain will only be accepted if the grain is able to flow freely through the grain chute before unloading.</b>				

Approved Sorghum Varieties					
Apollo MR	Chester	Enforcer	Pioneer A66	Rippa	Taurus MR
Archer	Cracka	Halifax	Pioneer A75	Scorpio MR	Tiger
Bazley MR	Dominator	Liberty	Pioneer G33	Sentinel IG	Viper IG
Buster MR	Eclipse MR	Pacific MR43	Resolute		