

## SORGHUM RECEIVAL STANDARDS 2005-2006

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

	<b>Binned Grade</b>	<b>SOR</b>	<b>SOR2</b>
	<b>Description</b> – Grain Sorghum of recognised varieties acceptable for stockfeed use. Red, white and yellow sorghum are acceptable.		
<b>1</b>	<b>Moisture max (%)</b>	13.5	13.5
<b>2</b>	<b>Test Weight min (kg/hl)</b>	71	62
<b>3</b>	<b>Grain Temperature max (°C)</b> Grain temperature ex grain dryer	35°C	35°C
<b>4</b>	<b>Admixture</b> - Material passing through a 2mm screen and/or material other than sorghum kernels remaining on top of the screen after screening		
<b>4A</b>	<b>Total Admixture max (% by weight)</b> Total of Screenings, Trash and Foreign Material	11	30
<b>4B</b>	<b>Screenings max (% by weight)</b> All matter passing through a 2mm slotted screen	11	25
<b>4C</b>	<b>Trash max (% by weight)</b> Chaff and trash retained above a 2mm slotted screen	5	15
<b>4D</b>	<b>Foreign Material max (% by weight)</b> All mater other than sorghum	4	4
<b>5</b>	<b>Defective Grain</b> - Maximum % by count per 300 Grain Sample unless otherwise stated (1% = 3 grains). Note: <b>NIL</b> tolerance applies to the entire load.		
<b>5A</b>	<b>Total Defective max (% by count)</b> Total of Sprouted, Stained, Dry Green, Sappy, Frosted, Insect Damaged and Field Fungi	10% (30 grains)	20% (60 grains)
<b>5B</b>	<b>Sprouted Grains max (% by count)</b> Grain showing split germ	5% (15 grains)	10% (30 grains)
<b>5C</b>	<b>Stained max (% by count)</b>	5% (15 grains)	10% (30 grains)
<b>5D</b>	<b>Dry Green, Sappy, Frosted, Insect Damaged max (% by count)</b>	5% (15 grains)	10% (30 grains)
<b>5E</b>	<b>Field Fungi max (% by count)</b>	5% (15 grains)	10% (30 grains)
<b>5F</b>	<b>Heat Damaged max (% by count)</b>	0.6% (2 grains)	0.6% (2 grains)
<b>5G</b>	<b>Bin Burnt, Mouldy, Musty, Storage Mould max</b> (entire load)	<b>NIL</b>	<b>NIL</b>
<b>5H</b>	<b>Split or Broken Kernels max (% by count)</b>	7% (21 grains)	10% (30 grains)
<b>6</b>	<b>Seed Contaminants</b> - 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		
<b>(1)</b>	Colocynth, Doublegees/Spiny Emex/Three Cornered Jack, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Parthenium Weed**, Poppy (Field), Poppy (Horned), Wild Poppy	8*	8*
<b>(2)</b>	Castor Oil Plant, Common Broomrape, Coriander, Crow Garlic, Darling Pea, Opium Poppy, Ragweed, Rattlepods, Starburr, St Johns Wart	<b>NIL</b>	<b>NIL</b>
<b>(3a)</b>	Bathurst Burr, Bellvine, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	2	2
<b>(3b)</b>	Vetch (Blue), Vetch (Commercial)	4	4
<b>(3c)</b>	Heliotrope (Blue), Heliotrope (Common)	8	8
<b>(4)</b>	Bindweed (Field), Cutleaf Mignonette, Darnel, Hexham Scent***/Melilot (King Island), Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle	20	20
<b>(5)</b>	Creeping Knapweed/Russian Knapweed, Pattersons Curse/Salvation Jane, Sesbania Pea	40	40
<b>(6)</b>	Saffron Thistle	10	10
<b>(7a)</b>	Chickpeas, Columbus Grass, Cowpea, Faba Beans, Field Peas, Johnson Grass, Lentils, Lupins, Maize/Corn, Safflower, Soybean, Sunflower	50	50
<b>(7b)</b>	Barley (2 row), Barley (6 row), Bindweed (Australian), Bindweed (Black), Durum, Forage Sorghum, Oats (Black or Wild), Oats (Sand), Oats (Common), Rice, Rye (Cereal), Triticale, Turnip Weed, Wheat, Any other seed contaminant not specified in Types (1) to (7a) or Small Foreign Seeds (SFS)	400	400
<b>SFS</b>	<b>Small Foreign Seeds max (% by weight)</b>	1.6%	1.6%
	* Individual seed basis ** Parthenium Weed is a Nil tolerance in all states except QLD *** Hexham Scent is only acceptable if no tainting odour is present		
<b>7</b>	<b>Other Contaminants</b> - Tolerances refer to the maximum total of all contaminants named in each type per half litre unless otherwise stated.		
<b>7A</b>	<b>Ball Smut, Gall Smut, Other Smut Species, max</b> (entire load)	<b>NIL</b>	<b>NIL</b>
<b>7B</b>	<b>Wheat Ergot, Ryegrass Ergot max</b> (entire load) <b>Sorghum Ergot max (% by weight)</b> ****	<b>NIL</b> 0.3	<b>NIL</b> 0.3
<b>7C</b>	<b>Stored Grain Insects and Pea Weevils :Live max</b> (entire load) <b>Stored Grain Insects and Pea Weevils :Dead max</b> (count per half litre)	<b>NIL</b> 10	<b>NIL</b> 10
<b>7D</b>	<b>Field Insects – Sitona Weevils max</b> (count per half litre) <b>Field Insects – All Others max</b> (count per half litre)	10 3	10 3
<b>7E</b>	<b>Earth (Pea size pieces) max</b> (count per half litre) <b>Sand max</b> (count per half litre)	6 50	6 50
<b>7F</b>	<b>Objectionable Matter max</b> (entire load) Sticks, stones, glass, concrete, pickled grain or any other commercially unacceptable contaminant, smell or taste	<b>NIL</b>	<b>NIL</b>
<b>7G</b>	<b>Odours, Sour, Musty or Mouldy Grains max</b> (entire load) Grain which has any commercially objectionable foreign odour due to tainting agents or improper storage causing mould, souring or musty odours	<b>NIL</b>	<b>NIL</b>
<b>8</b>	<b>Chemical Residues max</b> (entire load) Seed grain or grain with residues of any chemical compound not approved for sorghum, or used in contravention of the labelled instructions	<b>NIL</b>	<b>NIL</b>

**NOTE:** Honey Dew affected grain will only be accepted if the grain is able to flow freely during unloading.

This chart is based on National Agricultural Commodities Marketing Association (NACMA) Methods and Standards CSG-1 and CSG-3.

\*\*\*\* NACMA Standard CSG-2 limits sorghum ergot to a maximum 0.1% by weight.