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# SORGHUM STANDARDS 2026-2027

THIS CHART IS INTENDED TO ACT AS A GUIDE ONLY

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**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 |
|---|---|---|---|
| **Description** – 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)**<br>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)**<br>All matter passing through a 2.0mm slotted screen after 40 shakes. | 11.0 | 25.0 |
| **Defective Grains – Maximum tolerance as per specified method.**<br>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.** | | | |
| **DFCT** | **Total Defective maximum (% by count per 300 Grain Sample)**<br>Includes: Field Fungi, Sappy, Insect Damaged, Severely Damaged and Mould. | 5%<br>(15 grains) | 25%<br>(75 grains) |
| **FFUN** | **OF WHICH**<br>**Field Fungi maximum (% by count per 300 Grain Sample)**<br>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 Mould. | 3%<br>(9 grains) | 10%<br>(30 grains) |
| **SPRO** | **Sprouted maximum (% by count per 300 Grain Sample)**<br>Not included in Total Defective Maximum. | 3%<br>(9 grains) | 10%<br>(30 grains) |
| **SEVE** | **Severely Damaged maximum (% by weight per half litre above 2.0mm screen)**<br>Heat damaged / burnt, diseased or other serious visual defects. Kernels have become significantly discoloured. Grains appear reddish or dark brown, or in severe cases, blackened. | 0.5% | 1.0% |
| **MLD** | **Mould maximum (% by weight per half litre)**<br>Affected grains appear discoloured and visibly affected by mould. | 0.05% | 0.1% |
| **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. Except Type(1) in which the maximum applies on an individual seed basis per half litre. | | | |
| **WS1** | **TYPE(1):** Colocynth, 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** | **TYPE(2):** 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** | **TYPE(3a):** Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple/False Castor Oil | 2 | 2 |
| **WS3B** | **TYPE(3b):** Vetch (Blue/Tare) and Vetch (Commercial) | 4 | 4 |
| **WS3C** | **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 |
| **WS4** | **TYPE(4):** 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** | **TYPE(5):** Knapweed (Creeping/Russian), Patterson's Curse/Salvation Jane, Sesbania pea | 40 | 40 |
| **WS6A** | **TYPE(6a):** Saffron Thistle | 10 | 10 |
| **WS6B** | **TYPE(6b):** Johnson Grass, Colombus Grass | 10 | N/A |
| **WS7A** | **TYPE(7a):** Adzuki Beans, Broad Beans, Chickpeas, Corn (Maize), Cowpea, Faba Beans, Johnson Grass or Colombus Grass *(SOR2 ONLY)*, Lentils, Lupin, Medic Pods, Mung Beans, Peas (Field), Pigeon Peas, Safflower, Soybean, Sunflower and any other seeds or pods greater than 5mm in diameter. Includes Onion Weed Pods regardless of size. | 50 | 50 |
| **WS7B** | **TYPE(7b):** 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** | **Small Foreign Seeds maximum (% by weight)**<br>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<br>*** Hexham Scent is only acceptable if no tainting odour is present ***** Heliotrope pods must be opened and the seeds counted ******Counted individually if clustered | | | |
| **Other Contaminants** – Maximum tolerances as per method specified. Note: **NIL** tolerance applies to the entire load. | | | |
| **SMUT** | **Cereal Smut maximum (entire load)**<br>Includes: Ball Smut, Gall Smut or any other smut species. | **NIL** | **NIL** |
| **ERGR** | **Cereal Ergot, Ryegrass Ergot maximum (entire load) -** Pieces or whole affected kernels of all cereal ergots except Sorghum Ergot. | **NIL** | **NIL** |
| **ERGS** | **Sorghum Ergot maximum (% by weight per half litre**) - *Claviceps africana* and *Cerebella sclerotes*. | 0.3% | 0.3% |
| **LIVE** | **Stored Grain Insects and Pea Weevils: Live maximum (entire load)** | **NIL** | **NIL** |
| **INLG** | **Field Insects – Large, dead or alive maximum (count per half litre)**<br>Includes: Desiantha Weevil, Pea Weevil (dead only), Sitona Weevil, Rutherglen bugs, ladybirds, grasshoppers, locusts and wood bugs, whole or parts thereof. These are insect contaminants of grain that do not cause damage to stored grains. | 3 | 3 |
| **INSM** | **Field Insects – Small, dead or alive maximum (count per half litre)**<br>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** | **Gumnuts maximum (count per 2.5L) -** Whole or pieces of any size and maturity level. | 1 | 1 |
| **SAND** | **Sand / Soil maximum (% by weight per half litre)** | 0.06% | 0.06% |
| **STON** | **Stones maximum (g per 2.5L above 2.0mm screen) -** Weight of all stones retained above a 2.0mm screen per 2.5L. | 4.0 | 4.0 |
| **OBJM** | **Objectional Material maximum (entire load)**<br>Presence of meat meal, blood meal, fish meal, poultry offal meal or other animal proteins. Sticks/Stubble (>3cm in length and 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** | **Grain Temperature maximum (°C) -** Grain temperature ex grain dryer. | 35°C | 35°C |
| **CHEM** | **Chemicals Not Approved for Sorghum maximum (entire load)**<br>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** |

**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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