

# WHEAT Receival Standards 2019/2020



These Standards apply to Wheat Receivals for ALL Clients delivering into Emerald Grain and are to be applied on individual truck loads and must not be averaged over a number of loads

| QUALITY PARAMETER  |   | APH1 | APH2            | H1              | H2              | APW1            | ASW1            | AUH2            | AGP1            | HPS1            | FED1            |
|--|---|------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| GTA Standards CSG Number:  |   | 110  | 100             | 101             | 102             | 103             | 105             | 106             | 107             | 109             | 150             |
| <b>CATEGORY</b>  |   |      |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| VARIETY  | Varietal Restrictions Apply   | VR   | Yes             | Yes             | Yes             | Yes             | Yes             | Yes             | Yes             | Yes             | No              |
| PROTEIN  | Min %   | PR   | 14.0            | 13.0            | 13.0            | 11.5            | 10.5            | N/A             | 11.5            | N/A             | 11.5            |
| MOISTURE   | Max %   | MO   | 12.5            | 12.5            | 12.5            | 12.5            | 12.5            | 12.5            | 12.5            | 12.5            | 12.5            |
| TEST WEIGHT  | Min kg/hl   | TW   | 76.0            | 76.0            | 76.0            | 76.0            | 76.0            | 76.0            | 71.0            | 68.0            | 62.0            |
| SCREENINGS (Below Screen)  | The Total Material passing through a 2.0mm Screen after 40 shakes   | SC   | 5.0             | 5.0             | 5.0             | 5.0             | 5.0             | 5.0             | 10.0            | 10.0            | 25.0            |
| Unmillable Material Above the Screen   | Whiteheads (Grain Removed) Chaff, Backbone, Wild Radish Pods, Milk Thistle, Skeleton Weed Flowers and other seed Pods not otherwise listed  | SA   | 0.6             | 0.6             | 0.6             | 0.6             | 0.6             | 0.6             | 1.2             | 1.2             | 2.6             |
| <b>Defective Grains (% by count per 300 grain sample unless otherwise stated)</b>                    |   |      |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Sprouted   | Max % by Count  | SP   | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | N/A             |
| Falling Number   | Min Seconds   | FN   | 350             | 350             | 300             | 300             | 300             | 300             | 250             | 200             | 250             |
| <b>The NIL Tolerance for Sprouted Grain does not apply if a Falling Number analysis is conducted</b> |   |      |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Stained (including Staining due to Moist Plant Material)   | Max % by Count  | FS   | 5.0             | 5.0             | 5.0             | 5.0             | 5.0             | 5.0             | 15.0            | 15.0            | 10.0            |
| Pink Stained   | Max % by Count  | PF   | 2.0             | 2.0             | 2.0             | 2.0             | 2.0             | 2.0             | 2.0             | 5.0             | 3.0             |
| White Grain Disorder/Head Scab   | Max % by Count  | WG   | 1.0             | 1.0             | 1.0             | 1.0             | 1.0             | 1.0             | 1.0             | 1.0             | 1.0             |
| Field Fungi  | Max by Count per 1/2 Litre  | FF   | 10              | 10              | 10              | 10              | 10              | 10              | 10              | 10              | 20              |
| Dry Green or Sappy   | Max % by Count  | GS   | 1.0             | 1.0             | 1.0             | 1.0             | 1.0             | 1.0             | 2.0             | 5.0             | 2.0             |
| Distorted  | Max % by Count  | FR   | 1.0             | 1.0             | 1.0             | 1.0             | 1.0             | 1.0             | 2.0             | 10.0            | 2.0             |
| Severely Damaged   | Max by Count per 1/2 Litre  | BB   | 1               | 1               | 1               | 1               | 1               | 1               | 1               | 1               | 5               |
| All Smuts except Loose Smut  | Entire Load   | SM   | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             |
| Insect Damaged   | Max % by Count  | ID   | 1.0             | 1.0             | 1.0             | 1.0             | 1.0             | 1.0             | 1.0             | 2.0             | 4.0             |
| <b>Foreign Seed Contaminants Max (count total per half litre unless otherwise stated)</b>            |   |      |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Type 1   | Colocynthis, Double Gee / Spiny Emex / Three Corner Jack, Field Poppy, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Opium Poppy, Jute, Wild Poppy, Horned Poppy   | S1   | 8               | 8               | 8               | 8               | 8               | 8               | 8               | 8               | 8               |
| Type 2   | Castor Oil Plant, Coriander, Crow Garlic / Wild Garlic, Darling Pea, Peanut seeds and pods, Ragweed, Rattlepods, Starburr, St John's Wort, Parthenium Weed  | S2   | Entire load     | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             |
| Type 3a  | Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head / Caltrop / Cats Heads, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple   | 3a   | 2               | 2               | 2               | 2               | 2               | 2               | 2               | 2               | 2               |
| Type 3b  | Vetch (Tare), Vetch (Commercial)  | 3b   | 4               | 4               | 4               | 4               | 4               | 4               | 4               | 4               | 4               |
| Type 3c  | Blue Heliotrope, Common Heliotrope  | 3c   | 2Pods<br>8Seeds | 2Pods<br>8Seeds | 2Pods<br>8Seeds | 2Pods<br>8Seeds | 2Pods<br>8Seeds | 2Pods<br>8Seeds | 2Pods<br>8Seeds | 2Pods<br>8Seeds | 2Pods<br>8Seeds |
| Type 4   | Field Bindweed, Cutleaf Mignonette seeds, Darnel (Drake Seed), **Hexham Scent/ Melilot (King Island), Hoary Cress, Paddy Melon, Variegated Thistle, Nightshades, Skeleton Weed, Mintweed<br>** Hexham Scent is only acceptable if no tainting odour is present                              | S4   | 20              | 20              | 20              | 20              | 20              | 20              | 20              | 20              | 20              |
| Type 5   | Creeping Knapweed / Russian Knapweed, Sesbania Pea, Patterson's Curse / Salvation Jane  | S5   | 40              | 40              | 40              | 40              | 40              | 40              | 40              | 40              | 40              |
| Type 6   | Columbus Grass, Johnson Grass, Saffron Thistle  | S6   | 10              | 10              | 10              | 10              | 10              | 10              | 50              | 50              | 50              |
| Type 7a  | Adzuki Beans, Broad Bean, Chickpea, Corn (Maize), Cowpea, Faba Bean, Lentil, Lupin, Safflower, Soybean, Pea (Field), Sunflower, Onion Weed Pods and any other seed or pod greater than 5 mm in diameter   | 7a   | 1               | 1               | 1               | 1               | 1               | 1               | 10              | 10              | 100             |
| Type 7b  | 2 Row Barley, 6 Row Barley, Bindweed (Australian/Black), Cereal Rye, Durum, Red / Spring Feed Wheat, Oats (Wild/Black/Common/Sand), Rye Grass on Stalk, Rice, Sorghum (grain), Triticale, Turnip Weed<br>and any other foreign seeds not specified in types 1-7, SFS or SA.                 | 7b   | 50              | 50              | 50              | 50              | 50              | 50              | 150             | 150             | 400 #           |
| SMALL FOREIGN SEEDS  | All Seeds (Which are not Wheat) passing through a 2.0mm Screen and which do not have a Tolerance in Type 1-7b (See Below)<br># No Limit for Durum or Red/Spring Feed Wheat in Feed  | SS   | 0.6             | 0.6             | 0.6             | 0.6             | 0.6             | 0.6             | 1.2             | 1.2             | 1.2             |
| <b>Other Contaminants</b>  |   |      |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Pickling Compounds   | Entire Load   | PI   | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             |
| Chemicals Not Approved for Wheat   | Entire Load   | CH   | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             |
| Ryegrass Ergot - Total Length of all pieces laid end to end  | Length in cm per 1/2 litre  | RE   | 2.0             | 2.0             | 2.0             | 2.0             | 2.0             | 2.0             | 2.0             | 2.0             | 2.0             |
| Cereal Ergot   | Max Count per 1/2 litre   | CE   | 1               | 1               | 1               | 1               | 1               | 1               | 1               | 1               | 1               |
| Stored Grain Insects & Pea Weevil - Live   | Entire Load   | LGI  | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             |
| Insects Field - Large Live or Dead   | Max Count per 1/2 litre   | LI   | 3               | 3               | 3               | 3               | 3               | 3               | 3               | 3               | 3               |
| Insects Field - Small Live or Dead - Includes Dead Stored Grain Insects                              | Max Count per 1/2 litre   | SI   | 10              | 10              | 10              | 10              | 10              | 10              | 10              | 10              | 10              |
| Earcocks   | Max Count per 1/2 litre   | EC   | 10              | 10              | 10              | 10              | 10              | 10              | 15              | 10              | 50              |
| Snails - Live or Dead  | Max Count per 1/2 litre   | SN   | 1               | 1               | 1               | 1               | 1               | 1               | 10              | 5               | 10              |
| Loose Smut   | Max Count per 1/2 litre   | LS   | 3               | 3               | 3               | 3               | 3               | 3               | 3               | 3               | 3               |
| Sand - 0.06 -2mm in size   | Max Count per 1/2 litre   | ES   | 20              | 20              | 20              | 20              | 20              | 20              | 50              | 50              | 50              |
| Earth - Max 5mm in Diameter  | Max Count per 1/2 litre   | EA   | 1               | 1               | 1               | 1               | 1               | 1               | 3               | 3               | 6               |
| Stones (weight in grams)   | Max Weight per 2.5 litres   | SE   | 4.0             | 4.0             | 4.0             | 4.0             | 4.0             | 4.0             | 4.0             | 4.0             | 4.0             |
| Other Foreign Material   | Max % by Weight   | OF   | 0.1             | 0.1             | 0.1             | 0.1             | 0.1             | 0.1             | 0.1             | 0.1             | 0.2             |
| Objectionable Material (Entire load)   | Entire Load   | OM   | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             | Nil             |
| Sticks   | A Stick is defined as ligneous material greater than 1cm in length and 0.5cm in diameter<br>Note: Stubble greater than 3cm in length and 1cm in diameter is defined as a stick<br>Smaller material is defined as Other Foreign Material   |      |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Odour or Tainting agents   | Any commercially unacceptable odour is defined as a sour or musty odour imparted on the Wheat that is not considered natural which may or may not be physically detectable through the presence of foreign material. Includes but is not limited to plant parts and seed of Eucalyptus spp. |      |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Restricted Animal Material   | Presence of meat meal, bone meal, blood meal, poultry offal meal or any other animal proteins<br>Restricted material also includes carcasses of dead animals such as rats and mice  |      |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Other  | Foreign material such as animal excreta, glass, concrete, metal or fertilizer   |      |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Water  | The addition of water to grain prior to delivery is a prohibited practice   |      |                 |                 |                 |                 |                 |                 |                 |                 |                 |