

WHEAT Receival Standards 2020/2021



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 | | SFE1 | SFE2 | SFW1 | SFWR | | | | |
|--|--|------|-------------------|-------------------|-------------------|-------------------|--|--|--|
| GTA Standards CSG Number | | 140 | 143 | 151 | 152 | | | | |
| CATEGORY | | | | | | | | | |
| VARIETY | Varietal Restrictions Apply | VR | Yes | Yes | Yes | Yes | | | |
| PROTEIN | Min % | PR | N/A | N/A | N/A | N/A | | | |
| | Max % | PR | 9.5 | 10.5 | N/A | N/A | | | |
| MOISTURE | Max % | MO | 12.5 | 12.5 | 12.5 | 12.5 | | | |
| TEST WEIGHT | Min kg/hl | TW | 76.0 | 76.0 | 70.0 | 70.0 | | | |
| SCREENINGS (Below Screen) | The total material passing through the 2.0mm Screen after 40 shakes | SC | 8.0 | 8.0 | 10.0 | 10.0 | | | |
| 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 | 1.2 | 1.2 | | | |
| Defective Grains (% by count per 300 grain sample unless otherwise stated) | | | | | | | | | |
| Sprouted | Max % by Count | SP | Nil | Nil | N/A | N/A | | | |
| Falling Number | Min Seconds | FN | 300 | 300 | N/A | N/A | | | |
| The NIL Tolerance of Sprouted Grain does not apply if a Falling Number analysis is Conducted | | | | | | | | | |
| Stained | Max % by Count | FS | 10.0 | 15.0 | 15.0 | 15.0 | | | |
| Pink Stained | Max % by Count | PF | 2.0 | 5.0 | 5.0 | 5.0 | | | |
| White Grain Disorder/Head Scab | Max % by Count | WG | 1.0 | 1.0 | 1.0 | 1.0 | | | |
| Field Fungi | Max by Count per ½ Litre | FF | 10 | 10 | 10 | 10 | | | |
| Dry Green or Sappy | Max % by Count | GS | 1.0 | 5.0 | 10.0 | 10.0 | | | |
| Distorted | Max % by Count | FR | 1.0 | 5.0 | 10.0 | 10.0 | | | |
| Severely Damaged - Above 2.0mm Screen | Max by Count per ½ Litre | BB | 1 | 1 | 1 | 1 | | | |
| All Smuts except Loose Smut | Entire Load | SM | Nil | Nil | Nil | Nil | | | |
| Insect Damaged | Max % by Count | ID | 1.0 | 1.0 | 2.0 | 2.0 | | | |
| Foreign Seed Contaminants – Max (count total per half litre unless otherwise stated) | | | | | | | | | |
| Type 1: Colocynthis, Double Gees / Spiny Emex / Three Cornered Jack, Field Poppy, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Opium Poppy, Jute, Wild Poppy, Horned Poppy | Individual seeds per ½ litre | S1 | 8 | 8 | 8 | 8 | | | |
| Type 2: Caster Oil Plant, Coriander, Crow Garlic / Wild Garlic, Darling Pea, Peanut seeds and pods, Ragweed, Rattlepods, Starburr, St Johns Wort, Parthenium Weed | Entire Load | S2 | Nil | Nil | Nil | Nil | | | |
| Type 3a: Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head / Caltrop / Cats Heads, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple | Seeds in total per ½ litre | 3a | 2 | 2 | 2 | 2 | | | |
| Type 3b: Vetch (Tare), Vetch (Commercial) | Seeds in total per ½ litre | 3b | 4 | 4 | 4 | 4 | | | |
| Type 3c: Heliotrope (Blue), Heliotrope (Common) | Seeds in total per ½ litre | 3c | 2 Pods 8 Seeds | 2 Pods 8 Seeds | 2 Pods 8 Seeds | 2 Pods 8 Seeds | | | |
| 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 **Hexham Scent is only acceptable if no tainting odour is present | Seeds in total per ½ litre | S4 | 20 | 20 | 20 | 20 | | | |
| Type 5: Creeping Knapweed / Russian Knapweed, Sesbania Pea, Patterson's Curse / Salvation Jane | Seeds in total per ½ litre | S5 | 40 | 40 | 40 | 40 | | | |
| Type 6: Columbus Grass, Johnson Grass, Saffron Thistle | Seeds in total per ½ litre | S6 | 10 | 10 | 50 | 50 | | | |
| Type 7a: Adzuki Beans, Broad Bean, Chickpeas, Corn (Maize), Onion Weed pods, Cowpea, Faba Beans, Lentils, Lupin, Safflower, Soybean, Pea (Field), Medic Pods, Sunflower and any other seed or pod greater than 5 mm in diameter | Seeds in total per ½ litre | 7a | 1 | 1 | 10 | 10 | | | |
| Type 7b: 2 Row Barley, 6 Row Barley, Australian Bindweed, Black Bindweed, Brome Grass, Cereal Rye, Durum, Carrot Weed, Red / Spring Feed Wheat, Oats (Wild / Black / Common / Sand), Rice, Ryegrass on Stalk, Sorghum (grain), Triticale, Turnip Weed, and any other foreign seeds not specified in types 1-7, SFS or SA | Seeds in total per ½ litre | 7b | 50 | 50 | 150 | 150 | | | |
| 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 | Max % by Weight | SS | 0.6 | 0.6 | 1.2 | 1.2 | | | |
| Other Contaminants | | | | | | | | | |
| Pickling Compounds | Entire Load | PI | Nil | Nil | Nil | Nil | | | |
| Chemicals Not Approved for Wheat | Entire Load | CH | Nil | Nil | Nil | Nil | | | |
| Ryegrass Ergot – Total Length of all pieces laid end to end | Length in cm per ½ litre | RE | 2.0 | 2.0 | 2.0 | 2.0 | | | |
| Cereal Ergot | Max Count per ½ litre | CE | 1 | 1 | 1 | 1 | | | |
| Stored Grain Insects & Pea Weevil – Live | Entire Load | LGI | Nil | Nil | Nil | Nil | | | |
| Insects – Large, dead or alive | Max Count per ½ litre | LI | 3 | 3 | 3 | 3 | | | |
| Insects – Small, dead or alive – Included Dead Stored Grain Insects | Max Count per ½ litre | SI | 10 | 10 | 10 | 10 | | | |
| Earcokle | Max Count per ½ litre | EC | 10 | 10 | 15 | 15 | | | |
| Snails – dead or alive | Max Count per ½ litre | SN | 1 | 1 | 10 | 10 | | | |
| Loose Smut | Max Count per ½ litre | LS | 3 | 3 | 3 | 3 | | | |
| Sand – 0.06-2.00mm in size, includes Earth and Stones below 2.00mm Screen | Max Count per ½ litre | ES | 20 | 20 | 50 | 50 | | | |
| Earth – Above 2.00mm Screen, Max 5mm in Diameter | Max Count per ½ litre | EA | 1 | 1 | 3 | 3 | | | |
| Stones – Above 2.00mm Screen (weight in grams) | Max Weight per 2.5litres | SE | 4.0 | 4.0 | 4.0 | 4.0 | | | |
| Other Foreign Material | Max % by Weight | OF | 0.1 | 0.1 | 0.1 | 0.1 | | | |
| Objectionable Material | Entire Load | OM | Nil | Nil | Nil | Nil | | | |
| Sticks | A Stick is defined as ligneous material with dimensions of greater than 3cm in length and/or 1cm in diameter Smaller material is classified as Screenings or Unmillable material above the screen | | | | | | | | |
| 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. Included 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 Restricted material also included carcasses or dead animals such as rats and mice | | | | | | | | |
| Other | Animal excreta, glass, concrete, metal, fertilizer | | | | | | | | |
| Water | The addition of water to grain prior to delivery is a prohibited practice | | | | | | | | |