

**Barley Receival Standards QLD Season 2005/2006**

|  | MALTING BARLEY |               | FEED BARLEY   |                       |               |               |
|--|----------------|---------------|---------------|-----------------------|---------------|---------------|
|  | MALT1          | MALT 3        | FEED 1        | FEED 2                | FEED 3        |               |
| Araplies   | AR1            | AR3           | F1            | F2                    | F3            |               |
| Baudin   | BA1            | BA3           | F1            | F2                    | F3            |               |
| Dhow   | DH1            |               | F1            | F2                    | F3            |               |
| Fraklin  | FR1            |               | F1            | F2                    | F3            |               |
| Gairdner   | GA1            | GA3           | F1            | F2                    | F3            |               |
| Grimmett   | GR1            | GR3           | F1            | F2                    | F3            |               |
| Lindwall   | LI1            | LI3           | F1            | F2                    | F3            |               |
| Schooner   | SC1            | SC3           | F1            | F2                    | F3            |               |
| Sloop  | SL1            | SL3           | F1            | F2                    | F3            |               |
| Sloop SA   |                |               | F1            | F2                    | F3            |               |
| Sloop VIC  |                |               | F1            | F2                    | F3            |               |
| CODE   |                |               |               |                       |               |               |
| <b>Varietal Purity</b> min (%)   |                | 95            | 95            | All 2 Row Varieties   |               |               |
| <b>Test Weight</b> min (kg/hl)   | TW             | 65.0          | 65.0          | 62.5                  | 60.0          | 57.5          |
| <b>Moisture</b> max (%)  | MO             | 12.5          | 12.5          | 12.5                  | 12.5          | 12.5          |
| <b>Protein Content</b> (%) – Minimum   | PR             | 9.0           | 9.0           | NA                    | NA            | NA            |
| Maximum  |                | 12.0          | 12.8          | NA                    | NA            | NA            |
| <b>Retention (% by weight)</b> Above 2.5mm Agtator screen ( all varieties except Franklin) Min   | RT             | 70.0          | 58.0          | NA                    | NA            | NA            |
| <b>Screenings (% by weight)</b> Below 2.2mm Agtator screen ( all varieties except Franklin) Max  | SC             | 7.0           | NA            | 15                    | 25            | 50            |
| <b>Screenings (% by weight)</b> Below 2.2mm Agtator screen (Franklin Malting Barley only) Max  | SC             | 10.0          | NA            | 15                    | 25            | 50            |
| <b>Germinative Energy</b> min (%) (Late deliveries only, after 1 <sup>st</sup> March)  | GE             | 95            | 95            | NA                    | NA            | NA            |
| <b>Germinative Capacity</b> min (%) (Late deliveries only, after 1 <sup>st</sup> March)  | GC             | 98            | 98            | NA                    | NA            | NA            |
| <b>RVA (Rapid Visco Analyser)</b> Minimum  | RV             | 130           | 130           | NA                    | NA            | NA            |
| <b>Defective Barley Grains- Maximum tolerance % by Count</b>   |                |               |               |                       |               |               |
| <b>Shot and Sprouted Grains</b> (count per 100 grains)   | SH             | NIL           | NIL           | Free from root system | 5 sprouted    | No limit      |
| Split germ and/or a more advanced stage in which germ is grown   | SP             |               |               |                       |               |               |
| <b>Black Tip / Field Fungi</b> (count per 100 grains)  | DC             | 10            | 10            | NA                    | NA            | NA            |
| <b>Of Which</b> Field Fungi - Max  | FF             | 5             | 5             | NA                    | NA            | NA            |
| <b>Skinnings</b> (count per 100 grains)  | SK             | 15            | 15            | NA                    | NA            | NA            |
| <b>Bored Insect Damaged Barley</b> (count per half litre)  | ID             | 10            | 10            | 85                    | 85            | 85            |
| <b>Split/Cleaved Barley - Internal Split</b> (count per 100 grains)  | CB             | 1             | 1             | NA                    | NA            | NA            |
| <b>Cracked / Broken Grains</b> (% weight per 100 grams)  | CK             | 2             | 2             | 5                     | 5             | 10            |
| <b>Frost Damaged</b> (count per 100 grains)  | FR             | 5             | 5             | 10                    | 10            | 20            |
| <b>Dry Green Sappy Barley</b> (count per 100 grains)   | GB             | 1             | 1             | NA                    | NA            | NA            |
| <b>Heat Damaged, Bin Burnt or Storage Mould</b> (count per half litre)   |                | NIL           | NIL           | NIL                   | NIL           | NIL           |
| <b>Grain 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</b>  |                |               |               |                       |               |               |
|  |                | <b>M1</b>     | <b>M3</b>     | <b>F1</b>             | <b>F2</b>     | <b>F3</b>     |
| Wheat/Cereal Rye/Triticale/Rice/Cultivated Oats  | FG             | 85            | 85            | 500                   | 1500          | 2000          |
| Wild Oats/Wild Radish  | BW             | 25            | 25            | 50                    | 100           | 100           |
| Barley with Blue Aleurone Layer  | VA             | NIL           | NIL           | 100                   | 100           | 100           |
| <b>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 and 3d in which the maximum applies on an individual seed basis per half litre</b> |                |               |               |                       |               |               |
| <b>Type 1:</b> Colocynth, Field Poppy, Horned Poppy, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Saffron Thistle, Wild Poppy, Cutleaf Mignonette pods, Parthenium Weed.   | (S1)*          | 8             | 8             | 8                     | 8             | 12            |
| <b>Type 2:</b> Broomrape, Castor Oil Plant, Coriander, Crow Garlic or Wild Garlic, Darling Pea, Opium Poppy, Ragweed, Rattlepods, Starburr, St Johns Wort.   | (S2)           | NIL           | NIL           | NIL                   | NIL           | NIL           |
| <b>Type 3a:</b> Bathurst Burr, Bellvine, Bulls Head/Caltrop/Cats Heads, Cape Tulip, Cotton Seed, Dodder, Noogoora Burr, Thornapple,.   | (3a)           | 2             | 2             | 2                     | 2             | 2             |
| <b>Type 3b:</b> Vetch Tare, Vetch (Commercial).  | (3b)           | 4             | 4             | 4                     | 10            | 20            |
| <b>Type 3c:</b> Blue Heliotrope, Common Heliotrope.  | (3c)           | 1 pod/4 seeds | 1 pod/4 seeds | 1 pod/4 seeds         | 1 pod/4 seeds | 1 pod/4 seeds |
| <b>Type 3d:</b> Double Gee/Spiny Emex/Three Corner Jack, Broad Beans   | (3d)*          | 1             | 1             | 1                     | 1             | 1             |
| <b>Type 4:</b> Darnel (Drake Seed), Field Bindweed, **Hexham Scent, Hoary Cress, Mintweed, Melilot (King Island), Night Shades, Paddy Melon, Skeleton Weed, Variegated Thistle   | (S4)           | 20            | 20            | 20                    | 20            | 30            |
| <b>Type 5:</b> Creeping Knapweed/Russian Knapweed, Pattersons Curse/Salvation Jane, Sesbania Pea.  | (S5)           | 40            | 40            | 40                    | 40            | 50            |
| <b>Type 6:</b> Columbus Grass, Johnson Grass   | (S6)           | NIL           | NIL           | 40                    | 40            | 80            |
| <b>Type 7:</b> Chickpeas, Clover, Corn, Cowpeas, Faba Beans, Field Peas, Lentils, Lupins, Maize, Medic Pods, Safflower, Soybeans, Sunflower and any other large (pea sized) seeds or pods  | (S7)           | 1             | 1             | 10                    | 20            | 20            |
| <b>Type 8:</b> Australian Bindweed, Bedstraw, Black Bindweed, Brome Grass, Forage Sorghum, Muskweed, Onion Weed, Phalaris Glumes, Poverty Weed, Rye Grass on Stalk, Sheep Weed, Turnip Weed and any other weeds not specified in types 1-7 or Small Foreign Seeds    | (S8)           | 50            | 50            | 150                   | 300           | 500           |
| Small Foreign Seeds not specified in types 1-8 below 2.2mm Agtator screen (% by weight)  | SS             | 0.6%          | 0.6%          | 1.2%                  | 2.0%          | 2.5%          |
| * Individual Seed Basis ** Hexham Scent is only acceptable if no tainting odour is present   |                |               |               |                       |               |               |
| <b>Other Contaminants – Tolerances apply to whole seeds or their equivalent in pieces and refer to the maximum total of all contaminants named in each type per half Litre *Except for stones in which the maximum applies on a one litre sample</b>                 |                |               |               |                       |               |               |
|  |                | <b>M1</b>     | <b>M3</b>     | <b>F1</b>             | <b>F2</b>     | <b>F3</b>     |
| <b>Cereal Smuts/Cereal Ergots</b>  |                | NIL           | NIL           | NIL                   | NIL           | NIL           |
| <b>NIL</b>   | RE             | 0.5cm         | 0.5cm         | 0.5cm                 | 0.5cm         | 0.5cm         |
| <b>Earth</b> (Pea size pieces by count)  | EA             | 3             | 3             | 3                     | 3             | 3             |
| <b>Sand</b> (Grains by count)  | ES             | 50            | 50            | 50                    | 50            | 50            |
| <b>Stones</b> (count per litre)  | SE             | NIL           | NIL           | NIL                   | NIL           | NIL           |
| <b>Field Insects</b> (Field Insects by count)  | FI             | 3             | 3             | 3                     | 3             | 3             |
| <b>Sitona Weevils</b> (Sitona weevils by count)  | SI             | 10            | 10            | 10                    | 10            | 10            |
| <b>Grain Insects: Live</b> (Live insect pests of stored grain by count)  |                | NIL           | NIL           | NIL                   | NIL           | NIL           |
| : <b>Dead</b> (Dead insect pests of stored grain by count)   | DI             | 10            | 10            | 10                    | 10            | 10            |
| <b>Snails</b> (Max. no. per half litre by count) <b>Snails – Round</b>   | SNR            | 2             | 2             | 2                     | 4             | 10            |
| <b>Snails – Conical</b>  | SNC            |               |               |                       |               |               |
| <b>Odours, Sour and Musty</b> (Objectionable foreign odour due to tainting agents or improper storage causing mould, souring or musty odours)  |                | NIL           | NIL           | NIL                   | NIL           | NIL           |
| <b>Objectionable Matter</b> (Sticks, glass, concrete, or any other commercially unacceptable contaminant, smell or taste. Fusarium (pink) fungal stained and Pickled Grain)  |                | NIL           | NIL           | NIL                   | NIL           | NIL           |
| <b>Foreign Material</b> ( Other than already specified – Maximum % by weight)  | TF             | 1%            | 1%            | 1%                    | 1%            | 1%            |
| <b>Chemical Residues</b> (Residues of any chemical compound not approved for barley, or use in contravention of the labeled instructions)  |                | NIL           | NIL           | NIL                   | NIL           | NIL           |