BUNGE

## 2018/19 Barley Receival Standards

These Receival standards are current as at 22/10/2018

| Defect | MALT1 | MALT2 | BFED1 BFDEC | BFED2 |
|---|---|---|---|---|
| **Infratec Analysis** | | | | |
| **Protein (minimum %)** | 9.5 | 9.0 | No Limit | No Limit |
| **Protein (maximum %)** | 12.8 | 12.8 | | |
| **Moisture Content (maximum %)** | 12.5 | 12.5 | 13 | 13 |
| **Colour (minimum)** | 56 | 55 | 51 | No Limit |
| **Temperature (maximum)** | 45 | 45 | 50 | 50 |
| **Weight of the ½ Litre** | | | | |
| **Hectolitre Weight (kg/hl) (minimum)** | 64 | 62 | 56 | 56 |
| **Hectolitre Weight (grams) (minimum)** | 320 | 310 | 280 | 280 |
| **Weight per ½ Litre** | | | | |
| **Radish Pods (maximum)** | 0.4g | 0.4g | 4.0g | 4.0g |
| **Head Smut/Smutted Grain (maximum)** | 0.1g | 0.1g | 0.2g | 0.2g |
| **Unmillable Material (maximum)** | 0.3g | 0.3g | 0.3g | 0.3g |
| Stones in grams to be added to any sand found in tray after screenings | | | | |
| **Count per ½ Litre** | | | | |
| **Severely Damaged Grains** (Mould, Bin Burnt & Heat Damaged) maximum | 1 | 1 | 1 | 1 |
| **Type 1 Seeds (maximum)** | 1 | 1 | 1 | 1 |
| Sunflower, Safflower, Variegated Thistle | | | | |
| **Type 2 Seeds (maximum)** | 1 | 1 | 20 | 20 |
| Lupins, Field Peas, Vetch, Faba Beans, Chick Peas | | | | |
| **Type 3 Seeds (maximum)** | 1 | 1 | 20 | 20 |
| Doublegees | | | | |
| **Type 4 Seeds (maximum)** | 5 | 5 | 50 | 50 |
| Saffron Thistle, Paddy Melon | | | | |
| **Whole Snail Shells (maximum)** | Nil | Nil | 2 | 10 |
| Live or Dead, Fragments are acceptable | | | | |
| **Fusaium Affected Barley** | NIL | NIL | NIL | NIL |
| **Sappy Material (maximum)** | 30 | 30 | 50 | 50 |
| In Feed Dry Green Grains are excluded from the test | | | | |
| Ryegrass is excluded from this test | | | | |
| **Dry Green Barley Grains (maximum)** | 30 | 30 | No Limit | No Limit |
| In Feed Dry Green Grains are excluded from the test | | | | |
| Ryegrass is excluded from this test | | | | |
| **Sprouted Barley (maximum)** | Nil | Nil | 10 | 10 |
| **Sticks (maximum length)** | 6 cm | 6 cm | 6 cm | 6 cm |
| **Sticks (maximum diameter)** | 1 cm | 1 cm | 1 cm | 1 cm |
| Includes Faba Bean and Canola Stalks | | | | |
| **Field Insects (maximum)** | 15 | 15 | 15 | 15 |
| Whole bodies, Live or Dead. Grasshoppers, Ladybirds, Woodbugs, Pea/Native Weevils, Armyworms, Bronzed Field Beetles, Earwigs | | | | |

| Defect | MALT1 | MALT2 | BFED1 BFDEC | BFED2 |
|---|---|---|---|---|
| **Count per 1 Level Full BPM (400 grains)** | | | | |
| **Distorted Kernels (maximum)** | 20 | 30 | 45 | 80 |
| **Heavily Discoloured** | 10 | 10 | No Limit | No Limit |
| **Spotted Field Fungi Affected (maximum)** | 20 | 30 | No Limit | No Limit |
| black spotting or grey surface discolouration greater than 10% of surface | | | | |
| **Germ End Staining** | 30 | 60 | No Limit | No Limit |
| **Count per 2 Level Full BPM (800 grains)** | | | | |
| **Type 7A Seeds (maximum)** | 6 | 6 | 40 | 40 |
| Oats, Wild Oats, Black/Brown Oats, Speargrass | | | | |
| **Type 7B Seeds (maximum)** | 8 | 8 | 40 | 40 |
| Clover Burr, Medic | | | | |
| **Type 6 Seeds (maximum)** | 8 | 8 | 80 | 80 |
| Wheat, Triticale, Cereal Rye | | | | |
| **Weight per ½ Litre in %** | | | | |
| **Screenings (maximum) 2.5mm screen @ 40 shakes** | 20 | 35 | No Limit | No Limit |
| **Count per ½ Litre** | | | | |
| **Type 5 Seeds (maximum)** | 10 | 10 | 100 | 100 |
| Drakeseed | | | | |
| **Dead Grain Insects (maximum)** | 10 | 10 | 10 | 10 |
| **Live Fungus Beetles (maximum)** | Nil | Nil | 1 | 1 |
| **Length per ½ Litre** | | | | |
| **Ryegrass Ergot (maximum)** | 3 cm | 3 cm | 3 cm | 5 cm |
| **Weight per ½ Litre** | | | | |
| **Small Foreign Seeds (maximum %)** | 1% | 1% | 2% | 2% |
| Ryegrass, Canary Seed, Turnip, Canola, Dock Seed, Radish Seed | | | | |
| **Unmillable Material (maximum g)** | 0.3g | 0.3g | 0.3g | 0.3g |
| Grams of Sand and Stones | | | | |
| NOTE: Remove and weigh any sand found in the bottom tray and add any Stones that were collected earlier to get the final result for unmillable material. | | | | |
| **Count per 100 Seed Grain Tray** | | | | |
| **6 Row Barley (maximum)** | 5 | 5 | No Limit | No Limit |
| **Skinned and Broken (maximum)** | 10 | 15 | No Limit | No Limit |
| **Cleaved Barley (maximum)** | 1 | 1 | No Limit | No Limit |
| **Blue Kernals (maximum)** | Nil | Nil | 1 | 10 |