

**(Grain Trade Australia) CEREAL RYE STANDARDS 2017/2018**

**Sampling Guidelines**

1) A minimum of 3 probes (litres) must be taken from every load tendered for delivery, plus an additional (probe) litre for every 10 tonnes in the load.

Name	CSG 60 CEREAL RYE
<b>QUALITY PARAMETER</b>	
Description - Approved varieties only	N/A
Moisture Max (%)	12.0
Test Weight Min (kg/hl)	70.0
Unmillable Material above the screen Max (% by weight). Includes whiteheads, chaff, backbone, Wild Radish pods, Milk Thistle pods or other seed pods not otherwise listed. Excludes contaminants where tolerances already exist	3.0
Unmillable Material below the screen (Screenings) Max (% by weight). All matter passing through a 1.6mm x 19.0mm slotted screen.	5.0
Falling Number Min (sec). Falling Number result over-rides the visual assessment for Sprouted grains.	200
<b>DEFECTIVE GRAINS MAX (% by count, 300 grain sample, unless otherwise stated)</b>	
Damaged Grains Max. Includes both whole or part kernels of Sprouted, Weather Damaged, Frost Damaged, Field Fungi, Germ Damaged, Insect Damaged, Dry Green or Sappy	2.0
Bin Burnt, Heat Damaged, Storage Mould (count per half litre)	1
Pink Stained (entire load). Fusarium species causing pink staining.	Nil
<b>FOREIGN SEED CONTAMINANTS</b> Max (count total per half litre; unless otherwise stated) 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.	
Type 1 (Individual seed basis*) Colocynth, Jute, Long Headed Poppy, Mexican Poppy, Field Poppy, Horned Poppy, Wild Poppy, New Zealand Spinach, Parthenium Weed**	8
Type 2(entire load) Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Cutleaf Mignonette seeds or pods, Darling Pea, Opium Poppy, Peanuts seeds and pods, Ragweed, Rattlepods, Starburr, St. John's Wort	Nil
Type 3 (a) Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple/False Castor Oil	2
Type 3 (b) Vetch (Blue/Tare), Vetch (Commercial), Saffron Thistle	5
Type 3c Heliotrope (Blue) and Heliotrope (Common). Note - tolerance for seeds (1 pod = 4 seeds)	8
Type 4 Bindweed (Field), Damel, Hexham Scent/King Island Melilot (Hexham Scent is only acceptable if no tainting odour is present), Hoary Cress, Mintweed, Nightshades, Paddy Melon, Variegated Thistle	20
Type 5 Knapweed (Creeping/Russian), Patterson's Curse/Salvation Jane, Sesbania pea	40
Type 6 Melilotus, Skeleton weed	5
Type 7 (a) Broad Beans, Chickpeas, Corn (Maize), Cowpea, Faba Beans, Johnson Grass or Columbus Grass, Lentils, Lupin, Peas (Field), Safflower, Soybean, Sunflower and any other seeds or pods greater than 5mm in diameter	10
Type 7 (b) Barley, Bindweed (Australian), Bindweed (Black), Wheat, Durum, Oats (Sand), Oats (Common), Rice, Sorghum (Forage), Sorghum (Grain), Triticale, Turnip Weed and any other weed seeds not specified in Types 1-7(a), Variations or SFS that remain above the screen following the Screenings process.	150
Small Foreign Seeds (% by weight) All foreign seeds not specified in Types 1-7(b) that fall below the 1.6mm screen during the Screenings process	1.2
Variations a) Double Gees/Spiny Emex/Three Corner Jack	1
Variations b) Other Pulses, Other Oilseeds, Wild Oats and Other Cereal Grains not listed	20
* Individual Seed basis                      **Parthenium Weed is a NIL tolerance in NSW/VIC/SA	
<b>OTHER CONTAMINANTS MAX - count per half litre, unless otherwise stated</b>	
Smuts (entire load). Includes Ball Smut, Gall Smut and other Smut species	Nil
Ergot – Cereal (entire load). Whole or pieces of Cereal Ergots	Nil
Ergot – Ryegrass (length in cm). Length of all pieces present aligned end on end	2.0
Stored Grain insects & Pea Weevils – Live (entire load). All life stages	Nil
Insects – Large. Dead or alive	3
Insects – Small. Dead or alive	10
Snails. Dead or alive	1
Earth. Pieces of Earth, maximum 5mm in diameter	3
Sand. Individual grains of sand	50
Stones (g per 2.5L). Maximum total weight of all Stones retained above the 1.6mm screen per 2.5L	4.0
Other Foreign Material (% by weight). Material not otherwise stated in this Standard	0.1
Objectionable Material (entire load). Sticks, glass, concrete, or any other commercially unacceptable contaminant, smell or taste	Nil
Pickling Compounds (entire load). Pickled grain or artificial colouring	Nil
Odour (entire load). Grain which has any commercially objectionable foreign odour due to tainting agents or improper storage causing mould, souring or musty odours	Nil
Chemicals Not Approved for Cereal Rye (entire load). Residues of any chemical compound not approved for Cereal Rye, used in contravention of the labelled instructions or chemicals in excess of the MRL	Nil