CEREAL RYE STANDARDS 2016 - 2017

THIS CHART IS INTENDED TO ACT AS A GUIDE ONLY

703.9 - Cereal Rye Standards 2016-2017 - Iss1 - October 2016

Sampling Guidelines

1) A minimum of 3 vertical probes must be taken from every bin-load tendered for delivery. At least 3 litres must be drawn plus an additional litre for every 10 tonnes in the load.
2) The sample must be mixed prior to assessment.
3) A half litre sub-sample must then be taken for test weight, screenings, unmillable, defect and contaminant determination.
4) A separate sub-sample may be taken for assessment of other traits.

These standards are to be applied on individual truck loads and must not be averaged over a number of loads
Segregations indicated on this chart are not available at all GrainFlow locations.

Test Code	Binned grade	RYE
MOGR	Moisture max (%)	12
TWT	Test Weight min (kg/hl)	70
UNMB	Screenings max (% by weight) All matter passing through a 1.6mm x 19mm slotted screen after 40 shakes in direction of the slots	5.0
UNM	Unmillable Material Above the Screen max (% by weight) Includes whiteheads, chaff, backbone, Wild Radish Pods, Milk Thistle Pods, other seedpods not otherwise listed. Excludes contaminants listed.	3
FALL	Faling number min (sec) FN result over-rides the visual assessment for Sprouted grains	200
	Defective Grains Maximum Tolerance (% by count per 300 grain sample unless otherwise stated) Note: **NIL** tolerance applies to the entire load except where otherwise stated	
DAMI	**Damaged Grains max (% by count)** Includes both whole or part kernels of Sprouted, Weather Damaged, Frost Damaged, Field Fungi, Germ Damaged, Insect damaged, Dry Green or Sappy	2%
BURN	Bin Burnt, Heat Damaged, Storage Mould (count per half litre)	1
PFUN	**Pink Stained max (entire load)** *Fusarium species* causing pink staining	NIL
	Foreign 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) in which the maximum applies on an individual seed basis per half litre.	
WS1	Colocynth, Jute, Long Headed Poppy, Mexican Poppy, New Zealand Spinach, Parthenium Weed, Poppy (Field), Poppy (Horned), Wild Poppy	8*
WS2	Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Opium Poppy, Peanut seeds and pods, Ragweed, Rattlepods, Starburr, St Johns Wort, Cutleaf Mignonette seeds or pods	NIL
WS3A	Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cats Heads, Cape Tulip, Cotton Seed, Dodder, Noogoora Burr, Thornapple/False Castor Oil	2
WS3B	Vetch (Tare), Vetch (Commercial), Saffron Thistle	5
WS3C	Heliotrope (Blue), Heliotrope (Common) (Note: tolerance for seeds or pods)	2 Pods/ 8 Seeds
WS4	Bindweed(Field), Darnel, Hexham Scent/Melilot (King Island)**, Hoary Cress, Mintweed, Nightshades, Paddy Melon, Variegated Thistle	20
WS5	Knapweed (Creeping/Russian), Pattersons Curse/Salvation Jane, Sesbania Pea	40
WS6	Melilotus, Skeleton weed	5
WS7A	Broad Beans, Chickpeas, Corn (Maize), Cowpea, Faba Beans, Johnson Grass or Colombus Grass, Lentils, Lupin, Peas (Field), Safflower, Soybean, Sunflower and any other seeds or pods greater than 5mm diameter	10
WS7B	Barley, Bindweed (Australian), Bindweed (Black), Wheat, Durum, Oats (Sand), Oats (Common), Rice, Sorghum (Forage & Grain), Triticale, Turnip Weed, Any other seeds not specified in Types 1-7(a). Variations (as listed below) or SFS that remain above the screen following the Screenings process.	150
SFS	Small Foreign Seeds (SFS) max (% 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:	
	Double Gees/Spiny Emex/Three Corner Jack	1
	Other Pulses, Other Oilseeds, Wild Oats and Other Cereal Grains not listed	20
	* Individual Seed Basis ** Hexham Scent is only acceptable if no tainting odour is present	
	Defective Grains Maximum tolerance per half litre unless otherwise stated. Note: **NIL** tolerance applies to the entire load except where otherwise stated	
SMUT	Smuts/ Cereal Ergot (entire load) Includes Ball Smut, Gall Smut, other Smut species and whole or pieces of Cereal Ergot	NIL
ERGR	Ergot of Ryegrass max (length in cm when pieces are aligned per half litre)	2cm
SGIL	Stored Grain Insects and Pea Weevils - Live (entire load)	NIL
INLG	Field Insects (Large): All others max (count per half litre - whole or parts thereof) Includes ladybirds, grasshoppers, locusts, sitona weevils, wood bugs (dead or alive) & pea weevil (dead only)	3
INSM	Field Insects (Small): (count per half litre) Includes all species of aphid, minute mould beetle, mites (dead or alive) & stored grain insects (dead only)	10
SNAL	Snails (Live or Dead) max (count per half litre)	1
ESAP	Earth (5mm max in diameter - count per half litre)	3
ESA	Sand max (count per half litre)	50 grains
STON	Stones (g per 2.5L) Maximum weight of all stones retained above 1.6mm screen per 2.5 L	4g
ONOM	Other Foreign Material max (% by weight) Includes, but is not limited to fine material (dust and minerals), pieces of snail shell and stored grain insects, other non-vegetative material	0.1
OBJM	Objectionable Material max (entire load) Includes sticks, glass, odour, concrete and other commercially unacceptable contaminant, smell or taste	NIL
PICK	Pickling Compound max (entire load) Pickled grain or artificial colouring	NIL
CHEM	Chemicals Not Approved for Grain max (entire load) Residues of any chemical compound not approved for Cereal Rye	NIL

This chart is based on Grain Trade Australia (GTA) Standards CSG-60

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