

GRAINPRO SOLUTIONS – WHEAT RECEIVAL STANDARDS 2024/25



CODE	DESCRIPTION	APH2	H2	AUH2	APW1	ASW1	AGP1	FED1
MOGR	Moisture Maximum (%)	12.5	12.5	12.5	12.5	12.5	12.5	12.5
PRGR	Protein Minimum (%)	13	11.5	11.5	10.5	N/L	N/L	N/L
TWT	Test Weight Minimum (kg/hl)	76	76	71	76	76	68	62
SCRN	Screenings (all material below the screen) Maximum (% by weight) Material passing through a 2.0mm slotted screen after 40 shakes.	5	5	10	5	5	10	15
UNM	Unmillable Material (above the screen) Maximum (% by weight) Material other than wheat seeds, remaining on top of the 2.0mm slotted screen after 40 shakes.	0.6	0.6	1.2	0.6	0.6	1.2	2.6
FALL	Falling Numbers Minimum (seconds)	350	300	250	300	300	200	N/L
Defective Grains – Maximum tolerance as per method specified.								
SPRO	Sprouted Maximum (% by count per 300 Grain Sample) The covering of the germ is split. It includes early and any further advanced stage of growth of the germ. Seeds exhibiting early stages of sprouting are those where the covering of the germ is split, but without further development of the shoot. Grains with pin holes are not included in this definition. Note: The NIL tolerance for sprouted grains does not apply if Falling Numbers analysis is conducted.	NIL	NIL	NIL	NIL	NIL	NIL	N/L
STAN	Stained Maximum (% by count per 300 Grain Sample) A distinct dark brown to black discoloration on the germ end that, in severe cases, may progress to other parts of the grain such as the crease. Grains are commonly referred to as "black point" or "blacktip". Includes streaking and brush-end staining beyond the minimum and up to 50% of the entire grain surface. For staining level greater than 50%, refer to Field Fungi. Also includes adherence of contaminants such as soil, dust, plants parts and other material.	5% (15 GRAINS)	5% (15 GRAINS)	15% (45 GRAINS)	5% (15 GRAINS)	5% (15 GRAINS)	15% (45 GRAINS)	50% (150 GRAINS)
PFUN	Pink-Stained Maximum (% by count per 300 Grain Sample) Grains with distinct pink discoloration. Grains that are pink but also contain a white to light grey fungal like discoloration over more than approximately 50% of the seed coat surface are to be classified as "White Grain Disorder"	2% (6 GRAINS)	2% (6 GRAINS)	2% (6 GRAINS)	2% (6 GRAINS)	2% (6 GRAINS)	5% (15 GRAINS)	5% (15 GRAINS)
WGDH	White Grain Disorder Maximum (% by count per 300 Grain Sample) Includes: Fusarium Head Blight. Grains appear white to light grey but may also contain a pink discoloration. Discolouration must be over more than approximately 50% of the seed coat surface. If discoloration is less than approximately 50% of the seed coat surface, grains may be classified as sound. Grains may also appear flaky with a white discoloration and may display some level of shrivelling.	1% (3 GRAINS)	1% (3 GRAINS)	1% (3 GRAINS)	1% (3 GRAINS)	1% (3 GRAINS)	1% (3 GRAINS)	1% (3 GRAINS)
GREE	Dry Green or Sappy Maximum (% by count per 300 Grain Sample)	1% (3 GRAINS)	1% (3 GRAINS)	2% (6 GRAINS)	1% (3 GRAINS)	1% (3 GRAINS)	5% (15 GRAINS)	N/L
DIST	Distorted Maximum (% by count per 300 Grain Sample) Grains generally have the appearance of full-sized seeds with little or no structure on both dorsal sides of the grain and are typically grey to blue in colour. Does not include pinched grains.	1% (3 GRAINS)	1% (3 GRAINS)	2% (6 GRAINS)	1% (3 GRAINS)	1% (3 GRAINS)	10% (30 GRAINS)	N/L
DAMI	Insect Damaged Maximum (% by count per 300 Grain Sample)	1% (3 GRAINS)	1% (3 GRAINS)	1% (3 GRAINS)	1% (3 GRAINS)	1% (3 GRAINS)	2% (6 GRAINS)	4% (12 GRAINS)
ARTD	Over-Dried Damaged Maximum (% by count per 300 Grain Sample)	NIL	NIL	NIL	NIL	NIL	NIL	NIL
FFUN	Field Fungi Maximum (count per half litre) Individual seeds where more than half (50%) of the seed coat is discoloured. Discolouration can vary from dark grey, brown to black in colour. Grains that are approximately 50% or less discoloured are to be classified as Stained. Does not include Severely Damaged.	10	10	10	10	10	10	40
SEVE	Severely Damaged Maximum (count per half litre above 2.0mm screen) Mould, heat damage/burnt, or other serious visual defects. Grains that have become severely discoloured. Grains appear reddish brown, dark brown or in severe cases, blackened. Does not include Field Fungi.	1	1	1	1	1	1	5
SMUT	All Smuts (except Loose Smut) Maximum (entire load) Includes: Ball Smut, Stinking Smut, Bunt, Covered Smut.	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Foreign Seed Contaminants – Tolerances apply to whole seeds or their equivalent in pieces and refer to the maximum total 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	TYPE(1): Colocynth, Double Gees/Spiny Emex/Three Corner Jack, Jute, Long Head Poppy, Opium Poppy, Field Poppy, Horned Poppy, Wild Poppy, New Zealand Spinach, Parthenium Weed** (QLD Only)	8*	8*	8*	8*	8*	8*	8*
WS2	TYPE(2): Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Parthenium Weed** (NSW/VIC/SA), Peanut seeds and pods, Ragweed, Rattlepods, Starburr, St. John's Wort	NIL	NIL	NIL	NIL	NIL	NIL	NIL
WS3A	TYPE(3a): Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cat Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	2	2	2	2	2	2	2
WS3B	TYPE(3b): Vetch (Tare), Vetch (Commercial)	4	4	4	4	4	4	4
WS3C	TYPE(3c): Heliotrope (Blue), Heliotrope (Common) ****Note: included in this Type are tolerances for seeds or pods.	2 Pods/8 Seeds	2 Pods/8 Seeds	2 Pods/8 Seeds	2 Pods/8 Seeds	2 Pods/8 Seeds	2 Pods/8 Seeds	2 Pods/8 Seeds
WS4	TYPE(4): Bindweed (Field), Cutleaf Mignonette, Darnel (Drake Seed), Haxham Scent/King Island Melilot*** (only acceptable if no tainting odour is present), Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weeds, Variegated Thistle	20	20	20	20	20	20	20
WS5	TYPE(5): Knapweed (Creeping/Russian), Sesbania Pea, Patterson's Curse, Salvations Jane	40	40	40	40	40	40	40
WS6	TYPE(6): Colombus Grass, Johnson Grass, Saffron Thistle	10	10	50	10	10	50	50
WS7A	TYPE(7a): Adzuki Beans, Broad Beans, Chickpeas, Corn (Maize), Cowpea, Faba Beans, Lentils, Lupins, Medic Pods, Peas (Field), Safflower, Soybean, Sunflower and any other seeds or pods greater than 5mm in diameter. Includes Onion Weed Pods regardless of size.	1	1	10	1	1	10	100
WS7B	TYPE(7b): Barley (2&6 row), Bindweed (Australian), Bindweed (Black), Brome Grass, Carrot Weed, Durum, Red/Spring Feed Wheats, Oats (Black or Wild)****, Oats (Common), Rice, Rye (Cereal), Ryegrass on Stalk, Sorghum (Grain), Triticale, Turnip Weed Pod and any other foreign seed not specified in Types 1-7(a), Unmillable Material above the 2.0mm screen or in SFS	50	50	150	50	50	150	400
SFS	Small Foreign Seeds Maximum (% by weight) Foreign seeds not already specified in Types 1-7(b) that fall below the 2.0mm screen during the screening process.	0.60%	0.60%	1.20%	0.60%	0.60%	1.20%	1.20%
*Individual Seed Basis **Parthenium Weed is a NIL tolerance in NSW/VIC/SA ***Hexham Scent is only acceptable if no tainting odour is present ****Heliotrope pods must be opened and the seeds counted *****Counted individually if clustered								
Other Contaminants – Maximum tolerance as per method specified. Note: NIL tolerance applies to the entire load.								
PICK	Pickling Compounds Maximum (entire load)	NIL	NIL	NIL	NIL	NIL	NIL	NIL
CHEM	Chemicals Not Approved for Wheat Maximum (entire load)	NIL	NIL	NIL	NIL	NIL	NIL	NIL
ERGR	Ryegrass Ergot Maximum (length in cm when pieces are aligned per half litre)	2cm	2cm	2cm	2cm	2cm	2cm	2cm
ERGW	Cereal Ergot Maximum (count per half litre)	1	1	1	1	1	1	1
LIVE	Stored Grain Insects and Pea Weevils: Live Maximum (entire load)	NIL	NIL	NIL	NIL	NIL	NIL	NIL
INLG	Field Insects – Large, dead or alive Maximum (count per half litre) Includes: Pea Weevil (dead only), Sitona weevil, Rutherglen bugs, ladybirds, grasshoppers and wood bugs, whole or parts thereof. These are insect contaminants of grain that do not cause damage to stored	3	3	3	3	3	3	3
INSM	Field Insects – Small, dead or alive Maximum (count per half litre) Includes: All species of aphid, minute mould beetles, mites and stored grain insects (dead only). These are insect contaminants of grain that do not cause damage to stored grains.	10	10	10	10	10	10	10
SNAL	Snails (Live or Dead) Maximum (count per half litre) – Whole or pieces of any size and maturity level	1	1	1	1	1	10	10
GUMN	Gumnuts Maximum (count per 2.5L)	1	1	1	1	1	1	1
EART	Earcockle Maximum (count per half litre)	10	10	10	10	10	15	50
LSMT	Loose Smut Maximum (count per half litre)	3	3	3	3	3	3	3
SAND	Sand Maximum (count per half litre)	20	20	50	20	20	50	50
EART	Earth Maximum (count per half litre) – Defined as a clod of dirt, being 5mm or less in diameter.	1	1	3	1	1	3	6
STON	Stones (g per 2.5L above 2.0mm screen) – Maximum weight of all Stones retained above 2.0mm screen per 2.5L.	4.0	4.0	4.0	4.0	4.0	4.0	4.0
OBJM	Objectional Material Maximum (entire load) Presences of meat meal, blood meal, fish meal, poultry offal meal or other animal proteins. Sticks/stubble (>3cm in length and 1cm in diameter), glass, concrete, metal, fertiliser, animal excreta, animal carcasses, tainting agents or any other commercially unacceptable contaminant, odour or taste.	NIL	NIL	NIL	NIL	NIL	NIL	NIL
OFM	Other Foreign Material Maximum (% by weight) Includes: Fine materials (dust and minerals), pieces of snail shell (<half), pieces of stored grain insects, other non-vegetative materials not listed.	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%

Disclaimer for GrainPro Receival Standards

GrainPro Receival Standards are general guidelines for grain quality assessment. They may change without notice, and GrainPro Solutions accepts no liability for losses from their use. Growers should verify the latest standards and consult GrainPro for specific requirements.

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