WHEAT STANDARDS 2015-2016

THIS CHART IS INTENDED TO ACT AS A GUIDE ONLY

Issued on 7 August 2015

Varietal Restrictions
Varietal restrictions apply to the grades on this chart. A variety must not be binned above its maximum allowable varietal classification (APH2 > H1/H2 > APW1 > ASW1 > AGP1 > FED1).
Only APH2 and H1/H2 varieties may be binned in AUH2 & HPS1.

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 only available where announced

Test Code	Binned Grade	APH2	H1	H2	AUH2	APW1	ASW1	AGP1	HPS1	FED1
MOGR	**Moisture Maximum (%)**	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
PRGR	**Protein (%) Minimum**	13.0	13.0	11.5	11.5	10.5	No Limit	No Limit	11.5	No Limit
TWT	**Test Weight Minimum (kg/hl)**	76	76	76	71	76	76	68	68	62
SCRN	**Screenings (Unmillable Material Below the Screen) Maximum (% by weight)** Material passing through a 2mm slotted screen after 40 shakes	5.0	5.0	5.0	10.0	5.0	5.0	10.0	25.0	15.0
UNM	**Unmillable Material Above the Screen Maximum (% by weight)** Material other than wheat kernels remaining on top of a 2.0mm slotted screen after 40 shakes Includes whiteheads (with grains removed), chaff, backbone, Wild Radish pods, Milk Thistle pods, other seedpods less than 5mm in diameter.	0.6	0.6	0.6	1.2	0.6	0.6	1.2	2.6	2.6
Defective Grains – Maximum tolerance % by count per 300 Grain Sample unless otherwise stated (1% = 3 grains), sample to be taken from above the screen. **Defective definitions are to be read in conjunction with the photo in the Visual Recognition Standards Guide which depicts the minimum standard for a grain to be classified as defective.** Note: **NIL** tolerance applies to the entire load except where stated otherwise.										
FALL	**Falling Number Minimum (seconds)**	350	300	300	250	300	300	200	250	No Limit
SPRO	**Sprouted Maximum (% by count)** Sprouted kernels are those in which the covering of the germ is split and any further advanced stage of growth to the extent of the germ having grown or shot **Note: The NIL tolerance for sprouted grains does not apply if a Falling Number analysis is conducted**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	No Limit
STAN	**Total Stained Maximum (% by count)** Grains with a fungal-like discolouration on less than 50% of the entire grain surface (Does not include Storage Moulds) Includes: Blackpoint, Blacktip, Staining due to Moist Plant Material	5% (15 grains)	5% (15 grains)	5% (15 grains)	15% (45 grains)	5% (15 grains)	5% (15 grains)	15% (45 grains)	10% (30 grains)	50% (150 grains)
PFUN	Included in Stained: **Pink Stained Maximum (% by count)** affected by the fungi (*Fusarium, Eppicoccum* or *Drechslera* spp.) Grains that are pink but also contain a white to grey fungal like discolouration over more than 50% of the seed coat surface are to be classified as "White Grain Disorder/Head Scab"	2% (6 grains)	2% (6 grains)	2% (6 grains)	2% (6 grains)	2% (6 grains)	2% (6 grains)	5% (15 grains)	3% (9 grains)	5% (15 grains)
WGDH	Included in Stained **White Grain Disorder/Head Scab Maximum (% by count)**	1% (3 grains)	1% (3 grains)	1% (3 grains)	1% (3 grains)	1% (3 grains)	1% (3 grains)	1% (3 grains)	1% (3 grains)	1% (3 grains)
FFUN	**Field Fungi Maximum (count per half litre)** Grains that are 50% or less discoloured are to be classified as Stained. Grains that are soft and/or emit a mouldy odour are to be classified as Rotted.	10	10	10	10	10	10	10	20	40
GREE	**Dry Green or Sappy Maximum (% by count)**	1% (3 grains)	1% (3 grains)	1% (3 grains)	2% (6 grains)	1% (3 grains)	1% (3 grains)	5% (15 grains)	2% (6 grains)	No Limit
FTDG	**Frost Damaged / Takeall Affected Maximum (% by count)**	1% (3 grains)	1% (3 grains)	1% (3 grains)	2% (6 grains)	1% (3 grains)	1% (3 grains)	10% (30 grains)	2% (6 grains)	No Limit
BURN	**Heat Damaged, Bin Burnt and Storage Mould (count per half litre)**	1	1	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**	**NIL**	**NIL**
DAMI	**Insect Damaged Maximum (% by count)**	1% (3 grains)	1% (3 grains)	1% (3 grains)	1% (3 grains)	1% (3 grains)	1% (3 grains)	2% (6 grains)	2% (6 grains)	4% (12 grains)
ARTD	**Over-Dried Damaged Maximum (% by count)**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	No Limit
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	**TYPE(1):** Colocynth, Double Gees/Spiny Emex/Three Cornered Jack, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Opium Poppy, Parthenium Weed**, Poppy (Field), Poppy (Horned), Wild Poppy	8*	8*	8*	8*	8*	8*	8*	8*	8*
WS2	**TYPE(2):** Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Peanut seeds and pods, Ragweed, Rattlepods, Starburr, St. Johns Wort	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**
WS3A	**TYPE(3a):** Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	2	2	2	2	2	2	2	2	2
WS3B	**TYPE(3b):** Vetch (Commercial), Vetch (Tare)	4	4	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	2 Pods / 8 Seeds	2 Pods / 8 Seeds
WS4	**TYPE(4):** Bindweed (Field), Cutleaf Mignonette seeds or pods, Darnel (Drake Seed), Hexham Scent/King Island Melilot***, Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle	20	20	20	20	20	20	20	20	20
WS5	**TYPE(5):** Knapweed (Creeping/Russian), Paterson's Curse/Salvation Jane, Sesbania Pea	40	40	40	40	40	40	40	40	40
WS6	**TYPE(6):** Colombus Grass, Johnson Grass, Saffron Thistle	10	10	10	50	10	10	50	50	50
WS7A	**TYPE(7a):** Broad Beans, Chickpeas, Corn (Maize), Cowpea, Faba Beans, Lentils, Lupin, Peas (Field), Safflower, Soybean, Sunflower, And any other seeds or pods greater than 5mm in diameter (excludes milk thistle pods and wild radish pods)	1	1	1	10	1	1	10	10	100
WS7B	**TYPE(7b):** Barley (2 row), Barley (6 row), Bindweed (Australian), Bindweed (Black), Durum *(Unlimited in Feed)*, Red/Spring Feed Wheats *(Unlimited in Feed)*, Oats (Black or Wild), Oats (Sand), Oats (Common), Rice, Rye (Cereal), Sorghum (Grain), Triticale, Turnip Weed, Type 7b includes any other Foreign Seeds not specified in Types 1 - 7a or elsewhere in Small Foreign Seeds or Unmillable Material Above the Screen.	50	50	50	150	50	50	150	150	400
SFS	**Small Foreign Seeds maximum (% by weight)** Foreign seeds not specified in TYPE(1)-TYPE(7b) falling below 2mm agtator screen	0.6%	0.6%	0.6%	1.2%	0.6%	0.6%	1.2%	1.2%	1.2%
*Individual Seed Basis ** Parthenium Weed is a NIL tolerance in NSW/VIC/SA ***Hexham Scent is only acceptable if no tainting odour is present										
Other Contaminants – Maximum tolerance per half litre unless otherwise stated. - Note: **NIL** tolerance applies to the entire load except where stated otherwise.										
PICK	**Pickling Compounds Maximum (entire load)**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**
CHEM	**Chemicals Not Approved for Wheat Maximum (entire load)**	**NIL**	**NIL**	**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	2cm	2cm
ERGW	**Cereal Ergot Maximum (count per half litre)**	1	1	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**	**NIL**	**NIL**
INLG	**Field Insects – Large, dead or alive Maximum (count per half litre)** Includes Desiantha Weevil, Hairy Fungus Beetle, Pea Weevil, 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 grains	3	3	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 beetle, mites & 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	10	10
SNAL	**Snails (Live or Dead) Maximum (count per half litre)**	1	1	1	1	1	1	10	5	10
EAR	**Earcockle Maximum (count per half litre)**	10	10	10	10	10	10	15	10	50
LSMT	**Loose Smut Maximum (count per half litre)**	3	3	3	3	3	3	3	3	3
SAND	**Sand / Soil Maximum (count per half litre)**	20	20	20	50	20	20	50	50	50
STON	**Stones** (g per 2.5L) Maximum weight of all Stones retained above a 2.0mm screen per 2.5L	4	4	4	4	4	4	4	4	4
OBJM	**Objectionable Material Maximum (entire load)** Includes sticks, gravel, odour, tainting agents and other foreign material such as animal excreta, animal meal or carcasses, glass, concrete and metal	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**
OFM	**Other Foreign Material Maximum (% by weight)** Includes fine material (dust and minerals), pieces snail shell, sticks less than 1cm long and 0.5cm diameter, other non-vegetative material	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%