

Varietal Restrictions

Varietal restrictions apply to the grades on this chart. A variety must not be binned above its maximum allowable varietal classification. Durum varieties failing to meet the standards for DR1, DR2 or DR3 must not be binned above FED1.

**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	DR1	DR2	DR3
MOGR	Moisture Maximum (%)	12.5	12.5	12.5
PRGR	Protein Minimum (%)	13.0	11.5	10.0
TWT	Test Weight Minimum (kg/hl)	76	76	71
UNMB	Screenings (Unmillable Material Below the Screen) Maximum (% by weight) Material passing through a 2mm slotted screen after 40 shakes	5.0	5.0	10.0
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	1.2
HDVR	Vitreous Kernels Minimum (% by count)	80%	70%	No Limit

Defective Grains – Maximum tolerance % by count per 300 Grain Sample unless otherwise stated (1% = 3 grains).

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)	300	300	200
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
FFUN	Total Stained Maximum (% by count) Includes: Blackpoint, Blacktip, Staining due to Moist Plant Material	3% (9 grains)	5% (15 grains)	20% (60 grains)
PFUN	Included in Stained Pink Stained Maximum (% by count) affected by the fungi <i>Fusarium</i> , <i>Eppicoccum</i> or <i>Drechslera</i> 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)	5% (15 grains)
WGDH	Included in Stained White Grain Disorder/Head Scab/Flaked Grain Maximum (% by count)	1% (3 grains)	1% (3 grains)	1% (3 grains)
FFAG	Field Fungi Maximum (count per half litre) Grains where the entire seed coat is greater than 50% discoloured with a mouldy substance (Does not include Storage Moulds) 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
GREE	Dry Green or Sappy Maximum (% by count)	1% (3 grains)	2% (6 grains)	2% (6 grains)
FRST	Frost Damaged Maximum (% by count)	1% (3 grains)	2% (6 grains)	2% (6 grains)
HTDG	Heat Damaged, Bin Burnt, Storage Mould Affected or Rotted Maximum (entire load)	NIL	NIL	NIL
SMUT	All Smuts (except Loose Smut) Maximum (entire load) Includes: Ball Smut, Stinking Smut, Bunt, Covered Smut	NIL	NIL	NIL
TAKE	Takeall Affected Maximum (% by count)	1% (3 grains)	1% (3 grains)	1% (3 grains)
DAMI	Insect Damaged Maximum (% by count)	1% (3 grains)	1% (3 grains)	1% (3 grains)
ARTD	Over-Dried Damaged Maximum (% by count)	NIL	NIL	NIL
BRWT	Bread Wheat maximum (% by count)	3% (9 grains)	3% (9 grains)	5% (15 grains)

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): Colocynthis, 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*
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
WS3A	TYPE(3a): Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	2	2	2
WS3B	TYPE(3b): Vetch (Commercial), Vetch (Tare)	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
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
WS5	TYPE(5): Knapweed (Creeping/Russian), Paterson's Curse/Salvation Jane, Sesbania Pea	40	40	40
WS6	TYPE(6): Columbus Grass, Johnson Grass, Saffron Thistle	10	10	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	10
WS7B	TYPE(7b): Barley (2 row), Barley (6 row), Bindweed (Australian), Bindweed (Black), Red/Spring Feed Wheats, 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	150
SFS	Small Foreign Seeds (SFS) maximum (% by weight) Foreign seeds not specified in TYPE(1)-TYPE(7b) falling below 2mm agtator screen	0.6%	0.6%	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
CHEM	Chemicals Not Approved for Durum Maximum (entire load)	NIL	NIL	NIL
ERGR	Ryegrass Ergot Maximum (length in cm when pieces are aligned per half litre)	2cm	2cm	2cm
ERGW	Cereal Ergot Maximum (count per half litre)	1	1	1
SGIL	Stored Grain Insects and Pea Weevils: Live Maximum (entire load)	NIL	NIL	NIL
INLG	Field Insects – Large, dead or alive Maximum (count per half litre) Includes Desiantha Weevil, Hairy Fungus Beetle, Pea Weevil (Dead Only), Sitona Weevil, Rutherglen bugs, ladybirds, grasshoppers and wood bugs, whole or parts thereof	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
SNAL	Snails (Live or Dead) Maximum (count per half litre)	1	1	1
EAR	Earcokle Maximum (count per half litre)	10	10	10
LSMT	Loose Smut Maximum (count per half litre)	3	3	3
ESA	Sand Maximum (count per half litre)	20	20	20
ESAP	Earth (5mm maximum diameter) Maximum (count per half litre)	1	1	1
OBJM	Objectionable Material Maximum (entire load) Includes sticks, stones, gravel, odour, tainting agents and other foreign material such as animal excreta, animal meal or carcasses, glass, concrete and metal	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%