

WHEAT Receival Standards 2019/2020



These Standards apply to Wheat Receivals for ALL Clients delivering into Emerald Grain and are to be applied on individual truck loads and must not be averaged over a number of loads

QUALITY PARAMETER		H1	H2	APW1	ASW1	AUH2	AGP1	HPS1	FED1	
GTA Standards CSG Number:		101	102	103	105	106	107	109	150	
CATEGORY										
VARIETY	Varietal Restrictions Apply	VR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
PROTEIN	Min %	PR	13.0	11.5	10.5	N/A	11.5	N/A	11.5	N/A
MOISTURE	Max %	MO	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
TEST WEIGHT	Min kg/hl	TW	76.0	76.0	76.0	76.0	71.0	68.0	68.0	62.0
SCREENINGS (Below Screen)	The Total Material passing through a 2.0mm Screen after 40 shakes	SC	5.0	5.0	5.0	5.0	10.0	10.0	25.0	15.0
Unmillable Material Above the Screen	Whiteheads (Grain Removed) Chaff, Backbone, Wild Radish Pods, Milk Thistle, Skeleton Weed Flowers and other seed Pods not otherwise listed	SA	0.6	0.6	0.6	0.6	1.2	1.2	2.6	2.6
Defective Grains (% by count per 300 grain sample unless otherwise stated)										
Sprouted	Max % by Count	SP	Nil	Nil	Nil	Nil	Nil	Nil	Nil	N/A
Falling Number	Min Seconds	FN	300	300	300	300	250	200	250	N/A
The NIL Tolerance for Sprouted Grain does not apply if a Falling Number analysis is conducted										
Stained (including Staining due to Moist Plant Material)	Max % by Count	FS	5.0	5.0	5.0	5.0	15.0	15.0	10.0	50.0
Pink Stained	Max % by Count	PF	2.0	2.0	2.0	2.0	2.0	5.0	3.0	5.0
White Grain Disorder/Head Scab	Max % by Count	WG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Field Fungi	Max by Count per 1/2 Litre	FF	10	10	10	10	10	10	20	40
Dry Green or Sappy	Max % by Count	GS	1.0	1.0	1.0	1.0	2.0	5.0	2.0	N/A
Distorted	Max % by Count	FR	1.0	1.0	1.0	1.0	2.0	10.0	2.0	N/A
Severely Damaged	Max by Count per 1/2 Litre	BB	1	1	1	1	1	1	1	5
All Smuts except Loose Smut	Entire Load	SM	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Insect Damaged	Max % by Count	ID	1.0	1.0	1.0	1.0	1.0	2.0	2.0	4.0
Foreign Seed Contaminants Max (count total per half litre unless otherwise stated)										
Type 1	Colocynth, Double Gee / Spiny Emex / Three Corner Jack, Field Poppy, Long Head Poppy, Mexican Poppy New Zealand Spinach, Opium Poppy, Jute, Wild Poppy, Horned Poppy	S1	8	8	8	8	8	8	8	8
Type 2	Castor Oil Plant, Coriander, Crow Garlic / Wild Garlic, Darling Pea, Peanut seeds and pods, Ragweed, Rattlepods, Starburr, St John's Wort, Parthenium Weed	S2	Entire load	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Type 3a	Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head / Caltrop / Cats Heads, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	3a	2	2	2	2	2	2	2	2
Type 3b	Vetch (Tare), Vetch (Commercial)	3b	4	4	4	4	4	4	4	4
Type 3c	Blue Heliotrope, Common Heliotrope	3c	2Pods 8Seeds	2Pods 8Seeds	2Pods 8Seeds	2Pods 8Seeds	2Pods 8Seeds	2Pods 8Seeds	2Pods 8Seeds	2Pods 8Seeds
Type 4	Field Bindweed, Cutleaf Mignonette seeds, Darnel (Drake Seed), **Hexham Scent/ Melilot (King Island), Hoary Cress, Paddy Melon, Variegated Thistle, Nightshades, Skeleton Weed, Mintweed ** Hexham Scent is only acceptable if no tainting odour is present	S4	20	20	20	20	20	20	20	20
Type 5	Creeping Knapweed / Russian Knapweed, Sesbania Pea, Pattersons Curse / Salvation Jane	S5	40	40	40	40	40	40	40	40
Type 6	Columbus Grass, Johnson Grass, Saffron Thistle	S6	10	10	10	10	50	50	50	50
Type 7a	Adzuki Beans, Broad Bean, Chickpea, Corn (Maize), Onion Weed pods, Cowpea, Faba Bean, Lentil, Lupin, Safflower, Soybean, Pea (Field), Sunflower and any other seed or pod greater than 5 mm in diameter	7a	1	1	1	1	10	10	10	100
Type 7b	2 Row Barley, 6 Row Barley, Australian Bindweed, Black Bindweed, Cereal Rye, Durum, Red / Spring Feed Wheat, Oats (Wild /Black/ Common/Sand), Rice, Sorghum (grain), Triticale, Turnip Weed and any other foreign seeds not specified in types 1-7, SFS or SA.	7b	50	50	50	50	150	150	150	400 #
SMALL FOREIGN SEEDS	All Seeds (Which are not Wheat) passing through a 2.0mm Screen and which do not have a Tolerance in Type 1-7b (See Below)	SS	0.6	0.6	0.6	0.6	1.2	1.2	1.2	1.2
# No Limit for Durum in Feed or Red/Spring Feed Wheat										
Other Contaminants										
Pickling Compounds	Entire Load	PI	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Chemicals Not Approved for Wheat	Entire Load	CH	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Ryegrass Ergot - Total Length of all pieces laid end to end	Length in cm per 1/2 litre	RE	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Cereal Ergot	Max Count per 1/2 litre	CE	1	1	1	1	1	1	1	1
Stored Grain Insects & Pea Weevil - Live	Entire Load	LGI	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Insects Field - Large Live or Dead	Max Count per 1/2 litre	LI	3	3	3	3	3	3	3	3
Insects Field - Small Live or Dead - Includes Dead Stored Grain Insects	Max Count per 1/2 litre	SI	10	10	10	10	10	10	10	10
Earcokle	Max Count per 1/2 litre	EC	10	10	10	10	10	15	10	50
Snails - Live or Dead	Max Count per 1/2 litre	SN	1	1	1	1	1	10	5	10
Loose Smut	Max Count per 1/2 litre	LS	3	3	3	3	3	3	3	3
Sand - 0.06 -2mm in size	Max Count per 1/2 litre	ES	20	20	20	20	50	50	50	50
Earth - Max 5mm in Diameter	Max Count per 1/2 litre	EA	1	1	1	1	3	3	1	6
Stones (weight in grams)	Max Weight per 2.5 litres	SE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Other Foreign Material	Max % by Weight	OF	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Objectionable Material (Entire load)	Entire Load	OM	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Sticks	A Stick is defined as ligneous material greater than 1cm in length and 0.5cm in diameter Note: Stubble greater than 3cm in length and 1cm in diameter is defined as a stick Smaller material is defined as Other Foreign Material									
Odour or Tainting agents	Any commercially unacceptable odour is defined as a sour or musty odour imparted on the Wheat that is not considered natural which may or may not be physically detectable through the presence of foreign material. Includes but is not limited to plant parts and seed of Eucalyptus spp.									
Restricted Animal Material	Presence of meat meal, bone meal, blood meal, poultry offal meal or any other animal proteins Restricted material also includes carcasses of dead animals such as rats and mice									
Other	Foreign material such as animal excreta, glass, concrete, metal or fertilizer									
Water	The addition of water to grain prior to delivery is a prohibited practice									