

WHEAT Receival Standards 2017/2018



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

GTA Standards CSG Number:

APH1	APH2	H1	H2	APW1	ASW1	AUH2	AGP1	HPS1	FED1
110	100	101	102	103	105	106	107	109	150

CATEGORY

1	VARIETY	Varietal Restrictions Apply	VR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
2	PROTEIN	Min %	PR	14.0	13.0	13.0	11.5	10.5	N/A	11.5	N/A	11.5	N/A
3	MOISTURE	Max %	MO	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
4	TEST WEIGHT	Min kg/hl	TW	76.0	76.0	76.0	76.0	76.0	76.0	71.0	68.0	68.0	62.0
5	UNMILLABLE MATERIAL												
	SCREENINGS (Below Screen)												
	The Total Material passing through a 2.0mm Screen after 40 shakes	Max % by Weight	SC	5.0	5.0	5.0	5.0	5.0	5.0	10.0	10.0	25.0	15.0
	Above the Screen												
	Whiteheads (Grain Removed) Chaff, Backbone, Wild Radish Pods, Milk Thistle and other seed Pods not otherwise listed	Max % by Weight	SA	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	2.6	2.6
	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)	Max % by Weight	SS	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	1.2	1.2
6	Defective Grains (% by count per 300 grain sample unless otherwise stated)												
	Sprouted	Max % by Count	SP	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	N/A
	Falling Number	Min Seconds	FN	350	350	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	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	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	1.0	1.0
	Field Fungi	Max by Count per 1/2 Litre	FF	10	10	10	10	10	10	10	10	20	40
	Dry Green or Sappy	Max % by Count	GS	1.0	1.0	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	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	1	1	5
	All Smuts except Loose Smut	Entire Load	SM	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Insect Damaged	Max % by Count	ID	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	4.0
	Over-Dried Damaged	Entire Load	OD	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	N/A
7	Foreign Seed Contaminants												
	Max (count total per half litre unless otherwise stated)												
	Type 1 Colocynthis, Double Gee / Spiny Emex / Three Corner Jack, Field Poppy, Long Head Poppy, Mexican Poppy New Zealand Spinach, Opium Poppy, Jute, Wild Poppy, Parthenium Weed, Horned Poppy	Individual seeds per 1/2 litre	S1	8	8	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,	Entire load	S2	Nil	Nil	Nil	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	Seeds in total per 1/2 litre	3a	2	2	2	2	2	2	2	2	2	2
	Type 3b Vetch Tare, Vetch (Commercial)	Seeds in total per 1/2 litre	3b	4	4	4	4	4	4	4	4	4	4
	Type 3c Blue Heliotrope, Common Heliotrope	Seeds in total per 1/2 litre	3c	2Pods 8Seeds	2Pods 8Seeds	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/ Mellilot (King Island), Hoary Cress, Paddy Melon, Variegated Thistle, Nightshades, Skeleton Weed, Mintweed ** Hexham Scent is only acceptable if no tainting odour is present	Seeds in total per 1/2 litre	S4	20	20	20	20	20	20	20	20	20	20
	Type 5 Creeping Knapweed / Russian Knapweed, Sesbania Pea, Patterson's Curse / Salvation Jane	Seeds in total per 1/2 litre	S5	40	40	40	40	40	40	40	40	40	40
	Type 6 Columbus Grass, Johnson Grass, Saffron Thistle	Seeds in total per 1/2 litre	S6	10	10	10	10	10	10	50	50	50	50
	Type 7a Broad Bean, Chickpea, Corn (Maize), Cowpea, Faba Bean, Lentil, Lupin, Safflower, Soybean, Pea (Field), Sunflower and any other seed or pod greater than 5 mm in diameter	Seeds in total per 1/2 litre	7a	1	1	1	1	1	1	10	10	10	100
	Type 7b 2 Row Barley, 6 Row Barley (white), Australian Bindweed, Black Bindweed, Cereal Rye, Durum, Red / Spring Feed Wheat, Oats (Wild), Oats (Black), Oats (Common), Oats (Sand), Rice, Sorghum (grain), Triticale, Turnip Weed and any other foreign seeds not specified in types 1-7 # No Limit for Durum in Feed	Seeds in total per 1/2 litre	7b	50	50	50	50	50	50	150	150	150	400 #
8	Other Contaminants												
	Pickling Compounds	Entire Load	PI	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Chemicals Not Approved for Wheat	Entire Load	CH	Nil	Nil	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	2.0	2.0
	Cereal Ergot	Max Count per 1/2 litre	CE	1	1	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	Nil	Nil
	Insects Field - Large Live or Dead	Max Count per 1/2 litre	LI	3	3	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	10	10
	Earcockle	Max Count per 1/2 litre	EC	10	10	10	10	10	10	10	15	10	50
	Snails - Live or Dead	Max Count per 1/2 litre	SN	1	1	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	3	3
	Sand - 0.06 -2mm in size	Max Count per 1/2 litre	ES	20	20	20	20	20	20	50	50	50	50
	Earth - Max 5mm in Diameter	Max Count per 1/2 litre	EA	1	1	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	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	0.1	0.1	0.2
9	Objectionable Material (Entire load)	Entire Load	OM	Nil	Nil	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											