

# 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

GTA Standards CSG Number:

SFE1	SFW1	SFWR						
140	151	Emerald Grain						

CATEGORY								
VARIETY	Varietal Restrictions Apply	VR	Yes	Yes	Yes			
PROTEIN	Max %	PR	9.5	N/A	N/A			
MOISTURE	Max %	MO	12.5	12.5	12.5			
TEST WEIGHT	Min kg/hl	TW	76.0	70.0	70.0			
SCREENINGS (Below Screen)	The Total Material passing through a 2.0mm Screen after 40 shakes	SC	8.0	10.0	10.0			
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	1.2	1.2			
<b>Defective Grains (% by count per 300 grain sample unless otherwise stated)</b>								
Sprouted	Max % by Count	SP	Nil	N/A	N/A			
Falling Number	Min Seconds	FN	300	N/A	N/A			
<b>The NIL Tolerance for Sprouted Grain does not apply if a Falling Number analysis is conducted</b>								
Stained (including Staining due to Moist Plant Material)	Max % by Count	FS	10.0	15.0	15.0			
Pink Stained	Max % by Count	PF	2.0	5.0	5.0			
White Grain Disorder/Head Scab	Max % by Count	WG	1.0	1.0	1.0			
Field Fungi	Max by Count per 1/2 Litre	FF	10	10	10			
Dry Green or Sappy	Max % by Count	GS	1.0	10.0	10.0			
Distorted	Max % by Count	FR	1.0	10.0	10.0			
Severely Damaged	Max by Count per 1/2 Litre	BB	1	1	1			
All Smuts except Loose Smut	Entire Load	SM	Nil	Nil	Nil			
Insect Damaged	Max % by Count	ID	1.0	2.0	2.0			
<b>Foreign Seed Contaminants Max (count total per half litre unless otherwise stated)</b>								
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			
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	Entire load	S2	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		
Type 3b	Vetch (Tare), Vetch (Commercial)	Seeds in total per 1/2 litre	3b	4	4	4		
Type 3c	Blue Heliotrope, Common Heliotrope	Seeds in total per 1/2 litre	3c	2 Pods 8 Seeds	2 Pods 8 Seeds	2 Pods 8 Seeds		
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	Seeds in total per 1/2 litre	S4	20	20	20		
Type 5	Creeping Knapweed / Russian Knapweed, Sesbania Pea, Pattersons Curse / Salvation Jane	Seeds in total per 1/2 litre	S5	40	40	40		
Type 6	Columbus Grass, Johnson Grass, Saffron Thistle	Seeds in total per 1/2 litre	S6	10	50	10		
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	Seeds in total per 1/2 litre	7a	1	10	1		
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.	Seeds in total per 1/2 litre	7b	50	150	150 #		
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	1.2	1.2		
# No Limit for Red/Spring Feed Wheat								
<b>Other Contaminants</b>								
Pickling Compounds	Entire Load	PI	Nil	Nil	Nil			
Chemicals Not Approved for Wheat	Entire Load	CH	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			
Cereal Ergot	Max Count per 1/2 litre	CE	1	1	1			
Stored Grain Insects & Pea Weevil - Live	Entire Load	LGI	Nil	Nil	Nil			
Insects Field - Large Live or Dead	Max Count per 1/2 litre	LI	3	3	3			
Insects Field - Small Live or Dead - Includes Dead Stored Grain Insects	Max Count per 1/2 litre	SI	10	10	10			
Earcokle	Max Count per 1/2 litre	EC	10	15	15			
Snails - Live or Dead	Max Count per 1/2 litre	SN	1	10	1			
Loose Smut	Max Count per 1/2 litre	LS	3	3	3			
Sand - 0.06 -2mm in size	Max Count per 1/2 litre	ES	20	50	50			
Earth - Max 5mm in Diameter	Max Count per 1/2 litre	EA	1	3	1			
Stones (weight in grams)	Max Weight per 2.5 litres	SE	4.0	4.0	4.0			
Other Foreign Material	Max % by Weight	OF	0.1	0.1	0.1			
Objectionable Material (Entire load)	Entire Load	OM	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							