

QUALITY PARAMETER			APH1®	APH2®	H1®	H2®	APW1®	ASW1®	AUH2®	AGP1®	HPS1®
GTA Standards CSG Number			110	100	101	102	103	105	106	107	109
VARIETY	Varietal Restrictions Apply	VR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PROTEIN	Min %	PR	14.0	13.0	13.0	11.5	10.5	N/A	11.5	N/A	11.5
MOISTURE	Max %	MO	12.5	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	76.0	76.0	71.0	68.0	68.0
SCREENINGS (Below 2.00mm Screen)	Max % by Weight	SC	5.0	5.0	5.0	5.0	5.0	5.0	10.0	10.0	25.0
Unmillable Material Above the Screen	Max % by Weight	SA	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	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
Falling Number	Min Seconds	FN	350	350	300	300	300	300	250	200	250
The NIL Tolerance of Sprouted Grain does not apply if a Falling Number analysis is Conducted											
Stained	Max % by Count	FS	5.0	5.0	5.0	5.0	5.0	5.0	15.0	15.0	10.0
Pink Stained	Max % by Count	PF	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	3.0
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
Field Fungi	Max by Count per ½ Litre	FF	10	10	10	10	10	10	10	10	20
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
Distorted	Max % by Count	FR	1.0	1.0	1.0	1.0	1.0	1.0	2.0	10.0	2.0
Severely Damaged - Above 2.0mm Screen	Max by Count per ½ Litre	BB	1	1	1	1	1	1	1	1	1
All Smuts except Loose Smut	Entire Load	SM	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
Foreign Seed Contaminants – Max (count total per half litre unless otherwise stated)											
Type 1: Colocynthis, Double Gees / Spiny Emex / Three Cornered Jack, Field Poppy, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Opium Poppy, Jute, Wild Poppy, Horned Poppy	Individual seeds per ½ litre	S1	8	8	8	8	8	8	8	8	8
Type 2: Caster Oil Plant, Coriander, Crow Garlic / Wild Garlic, Darling Pea, Peanut seeds and pods, Ragweed, Rattlepods, Starburr, St Johns Wort, Parthenium Weed	Entire Load	S2	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 ½ litre	3a	2	2	2	2	2	2	2	2	2
Type 3b: Vetch (Tare), Vetch (Commercial)	Seeds in total per ½ litre	3b	4	4	4	4	4	4	4	4	4
Type 3c: Heliotrope (Blue), Heliotrope (Common)	Seeds in total per ½ litre	3c	2 Pods 8 Seeds	2 Pods 8 Seeds	2 8 Seeds	2 8 Seeds	2 Pods 8 Seeds	2 Pods 8 Seeds	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 ½ litre	S4	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 ½ litre	S5	40	40	40	40	40	40	40	40	40
Type 6: Columbus Grass, Johnson Grass, Saffron Thistle	Seeds in total per ½ litre	S6	10	10	10	10	10	10	50	50	50
Type 7a: Adzuki Beans, Broad Bean, Chickpeas, Corn (Maize), Onion Weed pods, Cowpea, Faba Beans, Lentils, Lupin, Safflower, Soybean, Pea (Field), Medic Pods, Sunflower and any other seed or pod greater than 5 mm in diameter	Seeds in total per ½ litre	7a	1	1	1	1	1	1	10	10	10
Type 7b: 2 Row Barley, 6 Row Barley, Australian Bindweed, Black Bindweed, Brome Grass, Cereal Rye, Durum, Carrot Weed, Red Wheat, Oats (Wild / Black / Common / Sand), Rice, Ryegrass on Stalk, Sorghum (grain), Triticale, Turnip Weed, and any other foreign seeds not specified in types 1-7, SFS or SA	Seeds in total per ½ litre	7b	50	50	50	50	50	50	150	150	150
Small Foreign Seeds: All Foreign Seeds not specified in Types 1-7(b) that fall below the 2.0mm screen during the Screenings process	Max % by Weight	SS	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	1.2
# No Limit for Durum or Red Wheat in FED1											
Other Contaminants											
Pickling Compounds	Entire Load	PI	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
Ryegrass Ergot – Total Length of all pieces laid end to end	Length in cm per ½ litre	RE	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Cereal Ergot	Max Count per ½ litre	CE	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
Insects – Large, dead or alive	Max Count per ½ litre	LI	3	3	3	3	3	3	3	3	3
Insects – Small, dead or alive – Included Dead Stored Grain Insects	Max Count per ½ litre	SI	10	10	10	10	10	10	10	10	10
Earcokle	Max Count per ½ litre	EC	10	10	10	10	10	10	10	15	10
Snails – dead or alive	Max Count per ½ litre	SN	1	1	1	1	1	1	1	10	5
Loose Smut	Max Count per ½ litre	LS	3	3	3	3	3	3	3	3	3
Sand – 0.06-2.00mm in size, includes Earth and Stones below 2.00mm Screen	Max Count per ½ litre	ES	20	20	20	20	20	20	50	50	50
Earth – Above 2.00mm Screen, Max 5mm in Diameter	Max Count per ½ litre	EA	1	1	1	1	1	1	3	3	1
Stones – Above 2.00mm Screen (weight in grams)	Max Weight per 2.5litres	SE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Gumnuts – Whole or pieces of gumnut of any size and maturity level	Max Count per 2.5litres	GU	1	1	1	1	1	1	1	1	1
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
Objectionable Material	Entire Load	OM	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Sticks	A Stick is defined as ligneous material with dimensions of greater than 3cm in length and/or 1cm in diameter Smaller material is classified as Screenings or Unmillable material above the screen										
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. Included but is not limited to plant parts of Eucalyptus spp. except for Gumnuts for which a tolerance applies.										
Restricted Animal Material	Presence of meat meal, bone meal, blood meal, poultry offal meal or any other animal proteins Restricted material also included carcasses or dead animals such as rats and mice										
Other	Animal excreta, glass, concrete, metal, fertilizer										
Water	The addition of water to grain prior to delivery is a prohibited practice										