



Maize Receival Standards

2024/2025

Grades: Prime Maize (MZIP1) & Feed Maize (MZF1)		CSM Test Code	Prime MZIP1	Feed MZF1
			CSG-41	CSG-42
Moisture	Max (%)	MO	14.0	14.0
Test Weight	Min (kg/hl)	TW	72.0	70.0
Total Foreign Material: Total of Foreign Material, Screenings and Trash	Max (% by wt)	TF	5.0	8.0
Foreign Material: All matter other than maize	Max (% by wt)	FM	3.0	5.0
Screenings: All matter passing through a 4.75mm round hole screen – 40 shakes	Max (% by wt)	SC	2.0	5.0
Trash Max: Chaff and other Trash retained above a 4.75mm round hole screen following the Screenings process	Max (% by wt)	TR	2.0	4.0
DEFECTIVE GRAINS Max (200 gram sample, unless otherwise stated)				
Broken: A quarter or more of the grain missing from the kernel	Max (% by wt)	BK	8.0	10.0
Damaged: Includes Dark Grain, Field Fungi, Heat Damaged or Bin Burnt, Insect Damaged, Silk Cut and Sprouted	Max (% by wt)	DA	3.0	5.0
Dead, Mouldy or Storage Mould: Includes Starburst. Dead are those that appear > approximately 50% opaque.	Max (% by wt)	DM	3.0	5.0
Pink Stained (entire load): Various fungi that cause pink staining	Max (% by wt)	PS	Nil	Nil
FOREIGN SEED CONTAMINANTS Max (count of seeds in total per half litre unless otherwise stated)				
<u>Type 1 (individual seeds):</u> Colocynth, Double Gee/Spiny Emex/Three Cornered Jack, Jute, Long Headed Poppy, Mexican Poppy, Field Poppy, Horned Poppy, Wild Poppy, New Zealand Spinach, Parthenium Weed (Qld only)	Count per ½ litre	S1	8	8
<u>Type 2:</u> Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Opium Poppy, Parthenium Weed (NSW/VIC/SA), Peanut seeds or pods, Ragweed, Rattlepods, Starburr, St. John's Wort, Thornapple/False Castor Oil	Count per ½ litre	S2	Nil	Nil
<u>Type 3 (a):</u> Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr	Count per ½ litre	3a	2	2
<u>Type 3 (b):</u> Vetch (Blue/Tare), Vetch (Commercial)	Count per ½ litre	3b	4	4
<u>Type 3 (c):</u> Heliotrope (Blue), Heliotrope (Common)	Count per ½ litre	3c	2 pods/ 8 seeds	2 pods/ 8 seeds
<u>Type 4:</u> Bindweed (Field), Cutleaf Mignonette seeds, Damel, Hexham Scent (Hexham Scent is only acceptable if no tainting odour is present) or King Island Melilot, Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle	Count per ½ litre	S4	20	20
<u>Type 5:</u> Knapweed (Creeping/Russian), Patterson's Curse/Salvation Jane, Sesbania pea	Count per ½ litre	S5	40	40
<u>Type 6:</u> Saffron Thistle, Johnson Grass, Colombus Grass	Count per ½ litre	S6	10	10
<u>Type 7 (a):</u> Adzuki Beans, Broad Beans, Chickpeas, Cowpea, Faba Beans, Lentils, Lupin, Peas (Field), Medic Pods, Safflower, Soybean, Sunflower and any other seeds or pods greater than 5mm in diameter. Includes Onion Weed Pods regardless of size	Count per ½ litre	7a	10	50
<u>Type 7 (b):</u> Barley, Bindweed (Australian), Bindweed (Black), Brome Grass, Carrot Weed, Wheat, Durum, Oats (Black), Oats (Sand), Oats (Wild), Oats (Common), Rice, Rye (Cereal), Ryegrass on Stalk, Sorghum (Forage), Sorghum (Grain), Triticale, Turnip Weed Pods and any other weed seeds not specified in Types 1-7(a) or SFS	Count per ½ litre	7b	10	50
<u>Small Foreign Seeds:</u> All foreign seeds not specified in Types 1-7(b) that fall below the 4.75mm screen during the Screenings process	Max (% by wt)	SF	0.5	1.6
OTHER CONTAMINANTS Max (count per half litre, unless otherwise stated)				
Smut – Boil: Smut caused by Ustilago maydis	(% by weight)	SB	1.0	3.0
Smut – All Others (entire load): Includes Ball Smut, Gall Smut and all Smut other than Boil Smut	(% by weight)	SM	Nil	Nil
Ergot – Ryegrass: Length of all pieces present aligned end on end	(length in cm)	RE	0.5	0.5
Ergot – Cereal (entire load): Whole or pieces of Cereal Ergot	(length in cm)	CE	Nil	Nil
Aflatoxin: Total Aflatoxin including (AFB1+AFB2+AFG1 +AFG2)	Total ppb	ATOT	15	20
Fumonisin: chemicals related to mycotoxin	Total ppm	FB1	4	10
Stored Grain insects & Pea Weevils – Live (entire load): All life stages	Count per ½ litre	LGI	Nil	Nil
Insects – Large, Dead or Alive: Desiantha Weevil (Desiantha spp), Grasshoppers, Locusts, Ladybirds, Pea Weevil (Bruchus pisorum) (dead only), Sitona Weevil (Sitona spp), Wood Bugs	Count per ½ litre	LI	3	3
Insects – Small, Dead or Alive: Aphids, Minute Mould Beetle (Corticaria spp), Mites (Acarina spp.), Stored Grain Insects (dead only)	Count per ½ litre	FIS	10	10
Snails: whole or substantially whole (more than half) Snail shells or bodies, irrespective of size	Count per ½ litre	SN	2	2
Soil (Earth): a clod of dirt, being 5mm or less in diameter	Count per ½ litre	EA	3	3
Sand: particle of unconsolidated (loose), rounded to angular rock fragment or mineral grain between 0.06mm and 2.00mm in diameter	Count per ½ litre	ES	20	50
Stones: a lump matter being greater than 2mm in length or diameter.	(g per 2.5L)	SE	4.0	4.0
Gumnut	(count per 2.5L)	GU	1	1
Maximum Temperature	Degree Celsius	TEMP	35	35
Objectionable Material: Animal Matter, Stick / stubble, Tainting agents, water	(entire load)	OM	Nil	Nil
Pickling Compounds and Coloured Grain	(entire load)	PI	Nil	Nil
Odour: a sour, musty or other objectionable odour emanating from the maize which is not natural or normally associated with maize	(entire load)	-	Nil	Nil
Chemicals Not Approved for Maize	(entire load)	CHS	Nil	Nil