WESTERN AUSTRALIA BARLEY Receival Standards Season 2026/2027

All malting varieties must be segregated and be of the CURRENT season and should be equal to or greater than 95% Varietal Purity

BUNGE

				MALTING	BARLEY	
				MALT 1	BFED	BFED2
INRAFTEC ANALYSIS			**CODE**			
TEST WEIGHT		Min (kg/hl)	**TW**	64	56	
PROTEIN		Min %	**PR**	9.5	NO LIMIT	
		Max %		12.8		
MOISTURE		Max %	**MO**	12.5	13.5	
FOREIGN MATERIAL ASSESSMENT – ½ litre						
Radish Pods	Includes radish pods, serradella pods and other plant material not listed in this standard	Max weight (grams)	**RADP**	0.4	4	
Head Smut/Smutted Grain	Irregular shaped brownish/black lump which easily breaks into pieces. Includes clean barley covered in spores	Max weight (grams)	**SM**	0.1	0.2	
Unmillable Material	Stones in grams (to be added to any sand found in tray after screenings)	Max weight (grams)	**UNM**	0.3		
REMOVE AND COUNT				**Maximum count**		
Type 1	Safflower, Sunflower, Variegated Thistle		**S1**	1		
Type 2	Chickpeas, Faba Beans, Field Peas, Lupins, Vetch		**S2**	1	20	
Type 3	Double Gees		**S3**	1	20	
Type 4	Paddy Melon, Saffron Thistle		**S4**	5	50	
Snails	Live or dead, more than half a snail shell		**SN**	NIL	1	10
Fusarium Affected	Light weight, white and chalky appearance and may have a red to orange discoloration on the kernel surface		**FASS**	NIL		
Severely Damaged	Mould, Bin Burnt & Heat Damaged or other serious visual defects		**SD**	1		
Sappy Material	Any material including barley that is soft and moist when pressed. May or may not be green		**SAPY**	30	50	
Dry Green Barley	Barley surface is distinctly green, and grain is dry and hard		**GB**	30	NO LIMIT	
Sprouted Barley	Visible evidence of shoot or root system beginning to emerge from the germ		**SP**	NIL	10	
Field Insects	Whole bodies, live or dead. Armyworms, Bronzed Field Bettles, Grasshoppers, Ladybugs, Wood bugs		**FI**	15		
Sticks	Includes faba bean and canola sticks. Maximum diameter of 1cm.	Max length	**STKL**	6 cm		
BLACK PLASTIC MEASURE ASSESSMENTS (FROM GROWER LOAD) COMPOSITE **ONE BLACK PLASTIC MEASURE (approx. 400 GRAINS)**				**Maximum Count**		
Germ End Staining	Distinct dark brown to black discoloration on the germ end equal to or greater than 1mm		**STAN**	30	NO LIMIT	
Spotted Field Fungi	Black spotting or grey surface discoloration greater than 10% of surface		**SPOT**	20	NO LIMIT	
Distorted Kernels	Grains that have collapsed on the dorsal side		**DIST**	20	45	80
Heavily Discolored	Staining is dark in appearance and affects more than the germ end		**HDIS**	10	NO LIMIT	
Blue/Black Kernels	Kernels are blue or black colour under the bran layer. Also includes a black-hulled variety.		**BLUE**	NIL	4	
Pink Fungal Stained	Orange, pink or red discoloration found anywhere on the surface of the kernel. Grains appear otherwise healthy		**PF**	NIL	1	
COUNT PER 2 LEVEL FULL BPM (approx. 800 GRAINS)				**Maximum Count**		
Type 6	Cereal Rye, Triticale, Wheat		**S6**	8	80	
Type 7A	Common Oats, Wild Oats, Black/Brown Oats, Spear grass		**7A**	6	40	
Type 7B	Clover Burr, Marshmallow, Medic and **any other seed not mentioned in this standard**		**7B**	8	40	
Insect Damaged	Any visible damage penetrating through to the white endosperm		**ID**	4	NO LIMIT	
RETENTION AND SCREENING ASSESSMENT						
Retention	Above 2.5mm Barley screen - all material remaining above the screen	Min % by weight	**RT**	80	NO LIMIT	
Screenings	Below 2.2mm Barley screen - all material in the bottom tray		**SC**	NO LIMIT		
ASSESSMENT AFTER SCREENINGS						
Type 5	Drake Seed	Max count	**S5**	10	100	
Dead Grain Insects		Max count	**DI**	10		
Live Fungus Beetle		Max count	**FBTL**	NIL	1	
Ryegrass Ergot	Purple to black fungal body with white inside, hard and fractures easily	Max length	**RE**	3 cm		5 cm
Small Foreign Seeds	Ryegrass seeds, Canary seed, Wild Turnip seeds, Canola, Dock seeds, Wild Radish seeds, Serradella seed	Max % by weight	**SS**	1	2	
Unmillable	Grams of sand and stones - includes any unmillable material removed from ½ litre	Max weight (grams)	**UNM**	0.3		
Other Foreign Material	Includes pieces of Snail Shell (less than half an entire shell), pieces of Stored Grain Insects (not whole), pieces of Insects Large / Small and pieces of statice flower and any other non-vegetative material not listed.	Max % per ½ litre	**OF**	0.1	0.2	
100 SEED GRAIN TRAY (MALT grade only, not required on variety/grades going BFED)				**Maximum Count**		
Cleaved Barley	Split along crease or on dorsal, ventral or side of grain exposing white endosperm. Includes hormonal damaged.		**CB**	1	NO LIMIT	
6 Row Barley	Different varieties of Barley identified by longer, thinner shape and twisted crease		**6ROW**	5		
Skinned and Broken	1/3 or more of the total surface area of the husk, missing/ damaged husk on the germ end or the germ has been removed. Broken: 1/3 or more missing from the kernel		**SK**	10		
OBJECTIONABLE MATERIAL				**ENTIRE LOAD**		
(a) Stick / Stubble	A Stick is defined as ligneous material with dimensions of greater than 6cm in length and 1cm in diameter. NOTE: Sticks/Stubble material smaller than 6cm in length and 1cm in diameter that fall through the screen are classified as Screenings and above the screen are classified as Foreign Material.		**ST**	NIL		
(b) Odour or Tainting Agents	A commercially unacceptable odour is defined as sour or musty odour 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 of *Eucalyptus spp* (excluding gunmuts), Coriander and Crow Garlic.		**OU**			
(c) Animal Material	Presence of meat meal, bone meal, blood meal, poultry offal meat or any other animal proteins. Restricted material also includes carcasses of dead animals such as rats and mice.		**AM**			
(d) Other	Commercially unacceptable contaminant such as animal excreta, dyed grain, dryacide grain, glass, grass/hard plastics, concrete, metal, pickled grain, rodent baits, live grain insects, stock feed pellets, declared weeds and fertilizer.		**OT**			
(e) Water	The addition of water to grain prior to delivery is a prohibited practice.		**WA**			
CHEMICAL RESIDUES				**ENTIRE LOAD**		
Residues of any chemical compound not approved, or used in contravention of the label or chemicals in excess of the MRL (refer information on declaration)			**CR**	NIL		