

2019/20 Barley Receival Standards Limits

* Direct any queries regarding these Receival standards to the local CBH Quality Coordinator.
 * Copies of the most up to date Receival standards can be downloaded from LoadNet®.
 * To deliver as Malt, Varietal Purity should be equal to or greater than 95%

NOTE: Not all grades are available at all sites

	MALT1	MALT2	BFED1 / BFDEC	BFED2	BFED3	BFEDX
2. INFRATEC ANALYSIS						
Protein (minimum %)	9.5	9.0	No Limit	No Limit	No Limit	No Limit
Protein (maximum %)	12.8	12.8	No Limit	No Limit	No Limit	No Limit
Moisture Content (maximum %)	12.5	12.5	13	13	13	13
Colour (minimum)	56	55	51	No Limit	No Limit	No Limit
Temperature (maximum) Temperature limit only applicable to grain that has been dried.	45	45	50	50	50	50
3. HECTOLITRE WEIGHT						
Hectolitre Weight (kg/hl) (minimum)	64	62	56	56	54	48
Hectolitre Weight (grams) (minimum)	320	310	280	280	270	240
4. FOREIGN MATERIAL ASSESSMENT- HALF LITRE						
REMOVE AND WEIGH						
Radish Pods (maximum) Includes radish pods, serradella pods and other plant material not listed in this Standard	0.4g	0.4g	4.0g	4.0g	4.0g	4.0g
Head Smut/Smuttet Grain (maximum) Irregular shaped brownish/ black lump which easily breaks into pieces. Includes clean barley covered in spores	0.1g	0.1g	0.2g	0.2g	0.2g	0.2g
Unmillable Material (maximum) Stones in grams (to be added to any sand found in bottom tray after screenings)	0.3g	0.3g	0.3g	0.3g	0.3g	0.3g
REMOVE AND COUNT						
Type 1 Seeds (maximum) Sunflower, Safflower, Variegated Thistle	1	1	1	1	1	1
Type 2 Seeds (maximum) Lupins, Field Peas, Vetch, Faba Beans, Chick Peas	1	1	20	20	20	20
Type 3 Seeds (maximum) Doublegees	1	1	20	20	20	20
Type 4 Seeds (maximum) Saffron Thistle, Paddy Melon	5	5	50	50	50	50
Snail Shells (maximum) Live or Dead, more than half a snail shell	NIL	NIL	1	10	15	15
Fusarium Affected Barley Light weight, white and chalky appearance and may have a red to orange discolouration on the kernel surface	NIL	NIL	NIL	NIL	1	1
Sappy Material (maximum) Any material including barley that is sappy and moist	30	30	50	50	50	50
Severely Damaged Grains (maximum) Mould, heat damaged/bin burnt or other serious visual defects. Grain appears dark brown or blackened, including under the husk	1	1	1	1	1	1
Dry Green Barley Grains (maximum) Barley that is green in colour but dry to touch	30	30	No Limit	No Limit	No Limit	No Limit
Sprouted Barley (maximum) Clear signs of rootlet or shoot development	Nil	Nil	10	10	10	10
Field Insects (maximum) Whole bodies, Live or Dead. Grasshoppers, Ladybirds, Woodbugs, Pea/Native Weevils, Armyworms, Bronzed Field Beetles, Earwigs	15	15	15	15	15	15
REMOVE AND MEASURE						
Sticks (maximum length)	6 cm	6 cm	6 cm	6 cm	6 cm	6 cm
Sticks (maximum diameter) Includes Faba Bean and Canola Stalks	1 cm	1 cm	1 cm	1 cm	1 cm	1 cm
5. SCREENINGS						
Screenings (maximum % of 1/2L) 2.5mm BARLEY SCREEN (40 Shakes) - ALL MATERIAL IN THE BOTTOM TRAY IS CAPTURED AS SCREENINGS	20	35	No Limit	No Limit	No Limit	No Limit
6. BLACK PLASTIC MEASURE ASSESSMENTS (FROM BUCKET)						
6.1 ONE BLACK PLASTIC MEASURE (400 GRAINS)						
Heavily Discoloured Staining is dark and burnt in appearance affecting more than the germ end	10	10	No Limit	No Limit	No Limit	No Limit
Spotted/Field Fungi Affected Only (maximum) Black spotting or grey surface discolouration greater than 10% of the grain surface	20	30	No Limit	No Limit	No Limit	No Limit
Germ End Staining Distinct dark brown to black discolouration on the germ end greater than 1mm	30	60	No Limit	No Limit	No Limit	No Limit
Pink Fungal Stained Barley Orange, pink or red discolouration found anywhere on the kernel	Nil	Nil	1	5	10	10
Distorted Kernels (maximum) Grains that have collapsed on the dorsal side	20	30	45	80	No Limit	No Limit
6.2 TWO BLACK PLASTIC MEASURES (800 GRAINS)						
Insect Damaged Grain Any visible insect damage penetrating through to the white inside	4	4	No Limit	No Limit	No Limit	No Limit
Type 7A Seeds (maximum) Oats, Wild Oats, Black/Brown Oats, Speargrass	6	6	40	40	40	40
Type 7B Seeds (maximum) Clover Burr, Medic, marshmallow and any other seed not mentioned in this Standard	8	8	40	40	40	40
Type 6 Seeds (maximum) Wheat, Triticale, Cereal Rye	8	8	80	80	120	120
7. ASSESSMENT AFTER SCREENINGS						
7.1 SEEDS AND DEAD GRAIN INSECTS						
Type 5 Seeds (maximum) Drakeseed	10	10	100	100	100	100
Dead Grain Insects (maximum)	10	10	10	10	10	10
Live Fungus Beetles (maximum)	Nil	Nil	1	1	1	1
7.2 RYEGRASS ERGOT						
Ryegrass Ergot (maximum length) Purple to black fungal body with white inside, hard and fractures easily	3 cm	3 cm	3 cm	5 cm	5 cm	5 cm
7.3 SMALL FOREIGN SEEDS ASSESSMENT						
Small Foreign Seeds (maximum % of 1/2L) Ryegrass, Canary Seed, Turnip, Canola, Dock Seed, Radish Seed, Serradella Seed	1%	1%	2%	2%	2%	2%
7.4 UNMILLABLE MATERIAL						
Unmillable Material (maximum g) Grams of Sand and Stones - includes any unmillable material removed from 1/2L	0.3g	0.3g	0.3g	0.3g	0.3g	0.3g
8. 100 SEED TRAY ASSESSMENT						
6 Row Barley (maximum) Different varieties of Barley identified by longer, thinner shape and twisted crease	5	5	No Limit	No Limit	No Limit	No Limit
Skinned and Broken (maximum) Skinned: 1/3 or more total surface husk missing or missing/damaged on the germ. Broken: 1/3 or more kernel missing	10	15	No Limit	No Limit	No Limit	No Limit
Cleaved Barley (maximum) Split along dorsal, ventral crease or side of grain exposing white centre	1	1	No Limit	No Limit	No Limit	No Limit
Blue Kernals (maximum) Kernels have a slight blue appearance, mainly noticeable on the kernel inside	Nil	Nil	1	10	10	10