

THIS CHART IS INTENDED TO ACT AS A GUIDE ONLY
 These standards are to be applied on individual truck loads and must not be averaged over a number of loads.
 Segregations indicated on this chart are only available where announced.

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Test Code	Binned Grade	LNH1	LNH2
Physical Characteristics – The Lentils shall be red, hard and well filled.			
VARP	Purity minimum (% by weight) Includes whole Red Lentils, defective Red Lentils and Red Lentil Seed Coats of the following varieties - Nipper (L015), PBA Herald XT (L019), PBA Hurricane XT (L023), PBA Highland XT (L029), GIA Lightning (L032), GIA Thunder (L034), PBA Hallmark XT (L028)	97	97
MOGR	Moisture maximum (%)	14	14
Defective Grains – maximum % by weight per minimum 200g sample. Defective definitions are to be read in conjunction with the photo in the Visual Recognition Standards Guide which depicts the minimum standard for a grain to be classified as defective .			
DEFG	Total Defective maximum (% by weight per minimum 200g sample) Red Lentils not of the specified variety. Red Lentil kernels that are black, broken, chipped, diseased, frost damaged, insect damaged, orange tip, sappy, shrivelled, split, sprouted, weather damaged, wrinkled, poor colour seed coat and poor colour kernel. Includes pods that contain Red Lentils, whether broken or unbroken, loose seed coat, and all Red Lentil seed material falling through the slotted 2.0mm screen.	4	8
VRTY	OF WHICH (Included in Total Defective) Variety (% by weight per minimum 200g sample) Red Lentils not of the specified varieties.	1	1
PSCC	OF WHICH (Included in Total Defective) Poor Seed Coat Colour maximum (% by weight per minimum 200g sample) Discoloured Red Lentils have excessive discolouration of the seed coat as per the GTA Visual Recognition Standards Guide. Includes any disease, frost, and water staining. Includes Fungal Affected (e.g., Ascochyta) Does not include Contrasting Colour. Where any poor colour is present on the seed coat, it is recommended the kernel also be inspected.	1	3
PKC	OF WHICH (Included in Total Defective) Poor Kernel Colour (% by weight per minimum 200g sample) Discoloured Red Lentils have excessive discolouration of the kernel as per the GTA Visual Recognition Standards Guide. Includes any disease, frost and water staining, and green, brown, black, yellow, bleached, and chalky white kernels. Includes Fungal Affected (e.g., Ascochyta).	1	1
SEVE	Severely Damaged maximum (count per 200g sample) Mould, heat damaged/burnt, or other serious visual defects. Grains that have become severely discoloured. Not included in Total Defective.	1	1
COCO	Contrasting Colour (% by weight per minimum 200g sample) Contrasting colour of the seed coat in the same variety. Not classified as defective or included in Total Defective.	1	1
Foreign Seed Contaminants – Tolerances apply to whole seeds or their equivalent in pieces and refer to the maximum total of all seeds named in each type per 200g. Except Type(1) in which the maximum applies on an individual seed basis per 200g.			
WS1	TYPE(1): Colocynth, Doublegees / Spiny Emex / Three Cornered Jack, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Parthenium Weed** (QLD only), Poppy (Field), Poppy (Horned), Wild Poppy	4*	4*
WS2	TYPE(2): Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Opium Poppy, Parthenium Weed** (NSW/VIC/SA), Ragweed, Rattlepods, Starburr, St. Johns Wort	NIL	NIL
WS3A	TYPE(3a): Bathurst Burr, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	1	1
WS3B	TYPE(3b): Vetch (Tare), Vetch (Commercial)	2	2
WS3C	TYPE(3c): Heliotrope (Blue)***, Heliotrope (Common)***	4	4
WS4	TYPE(4): Bindweed (Field), Cutleaf Mignonette, Darnel (Drake Seed), Hexham Scent / King Island Melilot ****, Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle	10	10
WS5	TYPE(5): Knapweed (Creeping or Russian), Sesbania Pea, Pattersons Curse / Salvation Jane	20	20
WS6	TYPE(6): Colombus Grass, Johnson Grass, Saffron Thistle, Clover (Pods), Lucerne (Pods), Marshmallow (Pods), Medic (Pods), Muskweed (Pods), Sow Thistle (Heads), Wild Radish (Pods), Trefoil (Pods). Pods refer to whole pods or part thereof.	5	5
WS7A	TYPE(7a): Adzuki Beans, Broad Beans, Cowpea, Chickpeas (Desi / Kabuli), Faba Beans, Lupin, Mung beans, Peas (Field), Pigeon Peas, Soybean, any other seeds or pods greater than 5mm diameter not listed in the Standards.	10	10
WS7B	TYPE(7b) (seeds in total per 200 gram): Bindweed (Australian), Bindweed (Black), Brome Grass, Carrot Weed, Oats (Black/Wild)*****, Oats (Sand)*****, Ryegrass on Stalk, Turnip Weed Pods. Any other seed not specified in TYPE (1) to TYPE(7a), TYPE 7(c), TYPE 8, Cereal Seeds(C) or SFS.	10	10
WS7C	TYPE(7c): Safflower, Sunflower	1	1
WS8	TYPE(8): Bellvine	100	100
WSC	Cereals(C): Barley, Corn (Maize), Durum, Oats (Common)*****, Rice, Rye (Cereal), Sorghum, Triticale, Wheat	2	2
SFS	Small Foreign Seeds maximum (% by weight) Foreign seeds not already specified in Types 1-C that fall in the catchpan during the screenings process.	0.6%	0.6%
*Individual seed basis **Parthenium Weed is a NIL tolerance in NSW/VIC/SA ***Heliotrope pods must be opened and the seeds counted ****Hexham Scent is only acceptable if no tainting odour is present *****Counted individually if clustered			
Other Contaminants – Maximum per 200g sample unless otherwise stated. Note: NIL tolerance applies to the entire load.			
FMAT	Foreign Material maximum (% by weight) Includes: unmillable material and all vegetable matter other than red Lentil seed material, including any Foreign Seeds.	3	3
UNML	OF WHICH Unmillable Material maximum (% by weight) - Includes: soil, stones and non-vegetable matter.	0.5	0.5
SOIL	OF WHICH Soil maximum (% by weight)	0.3	0.3
SNAL	Snails maximum (by count per 200g) Dead or alive. Whole or substantially whole (more than half) including bodies per 200g sample.	1	1
GUMN	Gumnuts maximum (count per 2 kg sample) Whole or pieces of gumnut of any size and maturity level.	1	1
GWBL	Field Insects Live or Dead maximum (by count per 200g) Includes: ladybirds, minute mould beetles, pea weevil (dead only), sitona weevil, desiantha weevil, wood bugs, other field insects.	15	15
GRLO	Grasshoppers & Locusts, Live or Dead maximum (by count per 200g sample)	2	2
OBJM	Objectionable Material maximum (entire load) Includes: animal excreta, rodents, crushed insect bodies or parts that adhere to the grain, live stored grain insect pests, pea weevil (live only), glass, metal, concrete, pickling compounds, tainting agents, odours, fertiliser, sticks or any other commercially unacceptable contaminant, smell or taste.	NIL	NIL
ERGR	Ryegrass Ergot maximum (length in cm when pieces are laid end to end per 200g sample)	2cm	2cm
CHEM	Non Approved Treatment Chemicals or Treatment Levels above Legal Tolerances maximum (entire load) Residues of any chemical compound not approved for use on pulses, used in contravention of the labelled instructions or chemicals in excess of the Australian MRL.	NIL	NIL