

# Lentil Receival Standards Season 2009/2010

Lentils will be of the **CURRENT** season and be hard and well filled.

- Sample size = 200 grams.

All Grades are varietal specific and varieties must not be mixed between grades.		Variety	Grade 1	Grade 2
Screen Sizes Hit and Miss Ends Aldinga = 2.20mm x 25.40 slotted All other varieties 2.00mm x 12.70mm slotted		ALDINGA NIPPER NORTHFIELD NUGGET	ALD1 NIP1 NOR1 NUG1	ALD2 NIP2 NOR2 NUG2
Test Category		Test Code		
Moisture	Assessed on the Infratec using the lentil calibration % Max	MO	14.0	
Purity	% Min by Weight		97.0	97.0
Total Defective Seeds	% Max by Weight	TDG	4.0	8.0
Of Which				
Defective	% Max by Weight	DG	3.0	5.0
Varietal Restriction	% Max by Weight	VA	1.0	1.0
Poor Colour Seed Coat <sup>^</sup>	% Max by Weight	PCS	1.0	3.0
Poor Colour Kernel <sup>^</sup>	% Max by Weight	PCK	1.0	1.0
Mould (Field or Storage) % by weight			NIL	
Foreign Material		TF	3.0	3.0
Of Which	% Max by Weight			
Unmillable Matter		SA	0.5	0.5
Of Which				
Soil		EA	0.3	0.3
Stones	Max Count / 200 grams	SE	Stones are part of SA. Record the number - it does not matter how many but ensure they do not exceed the 0.5% tolerance.	
Snails – Round or Conical	Max Count / 200 gram - Dead or Alive	SNR/SNC	1	1
Field Insects	Max Count / 200 grams- Dead or Alive	FI	15	15
Ryegrass Ergot – Length in cm	Maximum pieces laid end to end	RE	2 cm	

<sup>^</sup> Refer to Pulse Australia Photograph Charts; Lentils assessed on grain above the screen

## Foreign Seed Contaminants - Count per 200 Grams \*Type 1 Individual Seed Basis

Type 1*	Colocynth, Double Gees/Three Cornered Jack, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Parthenium Weed, Poppy (Field), Poppy (Horned), Wild Poppy	S1*	4	4
Type 2	Castor Oil Plant, Coriander, Crow Garlic / Wild Garlic, Darling Pea, Opium Poppy, Ragweed, Rattlepods, Starburr, St. Johns Wort	S2	NIL	
Type 3(a)	Bathurst Burr, Caltrop/Cats head/Bulls head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	3A	1	1
Type 3(b)	Vetch (tare and commercial)	3B	2	2
Type 3(c)	Heliotrope (blue and common)	3C	4	4
Type 4	Bindweed (Field), Cutleaf Mignonette, Darnel (Drake seed), Hexham Scent (Melilotus) <sup>1</sup> , Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle <sup>1</sup> Hexham scent may only be received if there is no discernible tainting odour imparted on the grain	S4	10	10
Type 5	Knapweed (Creeping), Knapweed (Russian), Salvation Jane/Pattersons Curse, Sesbania Pea	S5	20	20
Type 6	Colombus Grass, Johnson, Grass, Saffron Thistle, Clover (Pods), Lucerne (Pods), Marshmallow (Pods), Medic (Pods), Muskweed (Pods), Wild Radish (Pods), Trefoil (Pods). (Pods refer to whole pods or part thereof)	S6	5	5
Type 7(a)	Chickpeas, Corn, Cowpea, Faba Beans, Lentils, Lupin, Maize (where applicable), Peas (Field), Soybean	7A	10	10
Type 7(b)	<b>Note: Type 7B Total Maximum is 10 seeds with a maximum of 2 cereal seeds</b> Barley (2 row), Barley (6 row), Durum, Oats (Black or Wild), Oats (Sand), Oats (Common), Rice, Rye (Cereal) Sorghum (Grain), Triticale, Wheat	7B	2	2
	<b>Other</b> – Bifora Testiculata, Bindweed (Australian), Bindweed (Black), Brome Grass, Rye Grass on Stalk, Sheep Weed, Three Horn Bedstraw, Turnip Weed,	7B	10	10
Type 7(c)	Safflower, Sunflower	7C	1	1
Type 8)	Bellvine	S8	100	100
Small Foreign Seeds	See CCM section 9 for completed list % Maximum by Weight	SS	0.6	0.6
Objectionable Material	<ul style="list-style-type: none"> <li>• Free from animal excreta, rodents (live or dead), live stored product insect pests, any chemical not registered for use on pulses or in excess of legal tolerances, pickling compounds / seed dressings or any fungicide added to the pulse as a seed dressing.</li> <li>• Any tainting agents and / or contaminants imparting an odour not normally associated with that pulse, any commercially objectionable odour / or an odour not normally associated with the pulse.</li> <li>• Any toxic and / or noxious weed seeds prohibited by state laws against inclusion in stockfeed.</li> <li>• Any other commercially unacceptable contaminant such as glass, metal, fertiliser, concrete.</li> </ul>		NIL	