



GIWA Standards Review 2021

Final Industry Advice Notice

13 July 2021

Background:

GIWA is the caretaker of coarse grain standards in Western Australia and reviews the Western Australian grain standards on an as-needs basis to ensure standards are fit for purpose to end use customer requirements.

Documentation and Terms of Reference for the GIWA Standards Review 2021, the current 2020/2021 GIWA Receival Standards Western Australia, and the most recent GIWA Standards Review 2019 tolerances can be found at [GIWA Standards](#).

GIWA is a member of Grain Trade Australia, Australian Oilseeds Federation, Pulse Australia, western council contributing to Barley Australia, and supports the grain industry's national self-regulated Grain Trade Australia Standards Submissions process http://www.graintrade.org.au/commodity_standards

GIWA Standards Review Process 2021:

In March 2021, GIWA called for industry submissions on Standards for the 2021/22 season. One submission was received from industry. This submission was considered by the GIWA Standards committee and in April 2021, GIWA published an Interim Industry Advice Notice, calling for second round of industry submissions on Standards. One submission was received from industry. Of the submissions received, one related to oats and barley, one related to lupins.

GIWA Standards for 2021/22 Season:

No proposed material changes to tolerances for the WA grains Standards for the 2021/22 season.

Following completion of the GIWA Standards Review 2021 process and consideration of industry submissions after the first and second round submissions period, there will be no material changes to existing tolerances in the GIWA Western Australia grain standards for the 2021/22 season. There were however three outcomes of the review process as outlined below:

a) Changes to terminology to better align with GTA standards

For the 2021/22 season, wording in the barley, oats, triticale, chickpeas, faba beans, field peas, lentils, lupin Standards be altered as required from "Heat Damaged / Bin Burnt / Mouldy grains" to "Severely Damaged grains". Additionally, any reference to "Bin Burnt" be altered to "Burnt".

No change to tolerances has occurred.

b) Addition of Other Foreign Material in Barley

As a catch-all quality parameter, and to better align with GTA Standards, it was agreed to introduce a new quality parameter as follows for barley Standards:

Other Foreign Material -

MALT 0.1% by weight

FEED 0.2% by weight

c) Further research on Foreign Material in Lupin Standards

A trial will be conducted over the 2021/22 harvest to research the make-up of Other Seeds / Foreign Material in lupin deliveries. Upon provision of the results of that data, the GIWA Standards Review Committee will determine the implications of any potential change to the Other Seeds / Foreign Material category in lupin Standards in subsequent seasons.

The GIWA Standards Review Committee has accepted CBH’s kind offer to undertake the trial on behalf of industry to assist the Committee to better understand the composition of Foreign Material in lupins delivered in the 2021/22 harvest.

Industry should note that during the trial, data will be collected on the individual quality parameters within the Foreign Material category. There will be no change to the existing tolerances within the lupin Standards. Hence the 2021/22 lupin Standards are the same as per the 2020/21 lupin Standards.

Industry will be consulted during 2022 on the outcomes of the trial and the Committee’s deliberations.

Enquiries;

Peter Nash	GIWA Executive Officer	pnash@giwa.org.au	0413 032 654
Ashley Wiese	GIWA Chair <i>and</i> Chair, GIWA Oat Council	wiese@bordernet.com.au	0428 859 031
Lyndon Mickel	Chair, GIWA Barley Council	lmickel@bigpond.com	0427 766 029
Michael Lamond	Chair, GIWA Oilseeds Council	michael.lamond@slragriculture.com.au	0408 056 662
Peter Rees	Chair, GIWA Wheat Council	pr@marketag.com.au	0427 788 517
Neil Wandel	Chair, GIWA Pulse Council	nmwandel@bigpond.com	0428 753 032

No.	Submission Received from	GIWA Standards Review 2021 Standards Issue	GIWA Standards Review Committee Decision for Implementation			
			Current	Replace with	2021/22 harvest	2022/23 harvest
1	Not for publication	Oats - Change "Heat Damaged/ Bin Burnt/ Mouldy Grains" terminology to "Severely Damaged" to align with Wheat, Barley and GTA Standards. No change to tolerances.	<u>OATS:</u> Heat Damaged/ Bin Burnt /Mouldy Grains (maximum): Discoloured or visibly affected by mould. Grains appear reddish brown, blackened or burnt.	<u>OATS:</u> Severely Damaged Grains (maximum): Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the husk. <i>(No change to existing tolerances.)</i>	Effective	Effective
			<u>BARLEY:</u> Severely Damaged Grains (maximum): Mould, heat damaged/bin burnt or other serious visual defects. Grain appears dark brown or blackened, including under the husk	<u>BARLEY:</u> Severely Damaged Grains (maximum): Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the husk. <i>(Removal of the word "bin" only.)</i>	Effective	Effective
			<u>CHICKPEAS:</u> Storage Mould/ Bin Burnt /Heat Damaged Grains (maximum): Visibly mould affected, dark reddish/brown, blackened or burnt appearance.	<u>CHICKPEAS:</u> Severely Damaged Grains (maximum): Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the seed coat. <i>(No change to existing tolerances.)</i>	Effective	Effective
			<u>FABA BEANS:</u> Storage Mould/ Bin Burnt /Heat Damaged Grains (maximum): Visibly mould affected, dark reddish/brown, blackened or burnt appearance.	<u>FABA BEANS:</u> Severely Damaged Grains (maximum): Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the seed coat. <i>(No change to existing tolerances.)</i>	Effective	Effective

(CONTINUED OVER PAGE)

No.	Submission Received from	GIWA Standards Review 2021 Standards Issue	GIWA Standards Review Committee Decision for Implementation			
			Current	Replace with	2021/22 harvest	2022/23 harvest
1	Not for publication		<p><u>FIELD PEAS:</u> Storage Mould/ Bin Burnt /Heat Damaged Grains (maximum): Visibly mould affected, dark reddish/brown, blackened or burnt appearance.</p>	<p><u>FIELD PEAS:</u> Severely Damaged Grains (maximum): Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the seed coat. <i>(No change to existing tolerances.)</i></p>	Effective	Effective
			<p><u>LENTILS:</u> Storage Mould/ Bin Burnt /Heat Damaged Grains (maximum): Visibly mould affected, dark reddish/brown, blackened or burnt appearance.</p>	<p><u>LENTILS:</u> Severely Damaged Grains (maximum): Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the seed coat. <i>(No change to existing tolerances.)</i></p>	Effective	Effective
			<p><u>LUPINS:</u> Mouldy or Caked Grains (maximum): Mould indicated by blackening or discolouration of seed coat or kernel, includes bin burnt/heat damage.</p>	<p><u>LUPINS:</u> Severely Damaged Grains (maximum): Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the seed coat. <i>(No change to existing tolerances.)</i></p>	Effective	Effective
			<p><u>TRITICALE:</u> Storage Mould/ Bin Burnt /Heat Damaged Grains (maximum): Those seeds which have been affected by the development of fungi due to high moisture conditions whilst in storage or those that have been discoloured due to artificial drying. Grains may appear discoloured, visibly mould affected, and when crushed may be soft and emit an odour.</p>	<p><u>TRITICALE:</u> Severely Damaged Grains (maximum): Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the husk. <i>(No change to existing tolerances.)</i></p>	Effective	Effective

(CONTINUED OVER PAGE)

No.	Submission Received from	GIWA Standards Review 2021 Standards Issue	GIWA Standards Review Committee Decision for Implementation			
			Current	Replace with	2021/22 harvest	2022/23 harvest
1	Not for publication	<p>Barley - Introduce the category "Other Foreign Material" as a % by weight measure to align with GTA standards.</p> <p>MALT 0.1% FEED 0.2%</p>	<p><u>BARLEY:</u> None</p>	<p><u>BARLEY:</u> Other Foreign Material: Refers to other material not otherwise specified as having a tolerance in these Standards that has the ability to degrade the quality of Barley. This 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 static flower. Other: This includes any other non-vegetative material not listed.</p> <p>Tolerance: MALT 0.1% by weight FEED 0.2% by weight</p>	No change	Effective

(CONTINUED OVER PAGE)

No.	Submission Received from	GIWA Standards Review 2021 Standards Issue	GIWA Standards Review Committee Decision for Implementation			
			Current	Replace with	2021/22 harvest	2022/23 harvest
2	Not for publication	Lupins – Assessments 4.1 and 4.2 of the current lupin standard be separated into 3 distinct categories that allows for the nature and make up of “Foreign material” to be understood.	<p><u>LUPINS:</u></p> <p>4. FOREIGN MATERIAL ASSESSMENT 200 GRAMS</p> <p>4.1 Foreign Material Assessment <6grams - Other Seeds/Foreign Material (maximum %) Tolerance 6%</p> <p>- Other Seeds/Foreign Material (maximum g) All non-lupin material plus Albus lupins, lupin plant and seed material, all other grains & weed seeds Tolerance 12g</p> <p>4.2 Foreign Material Assessment >6grams - Shrivelled/Distorted Seed (maximum%) Tolerance 3%</p> <p>- Shrivelled/Distorted Seed (maximum g) Grains are smaller, severely distorted and/or shrunken. Seed coats may show discolouration. Tolerance 6g</p> <p>- Small Foreign Seeds (maximum %) Tolerance 2%</p> <p>- Small Foreign Seeds (maximum g) Ryegrass, Canary Seed, Turnip, Canola, Dock Seed, Radish Seed Tolerance 4g</p>	<p><u>LUPINS:</u></p> <p>4. FOREIGN MATERIAL ASSESSMENT 200 GRAMS</p> <p>4.1 Small foreign seeds – as per current definition</p> <p>4.2 Shrivelled and distorted seed – as per current definition</p> <p>4.3 Foreign Material (All non-lupin material includes lupin plant material, Albus lupins, all other grains not listed elsewhere in this standard, weed seeds not listed elsewhere in this standard and any other material not listed in this standard)</p>	No change	No change.

END