

# Commodity vendor declaration

Mungbean and black gram

2011–12



## Grower details

Name: ..... Phone: ..... Fax: .....

Trading as: .....

Mobile: ..... Email: .....

Postal address: .....

..... Postcode: .....

## Crop details

Property name: ..... Paddock name: .....

Variety: ..... Line number: .....

Place of purchase: ..... Planting date: .....

Delivered to: ..... Date/s delivered: .....

Weighbridge/receival numbers: ..... Silo/line number (optional): .....

## Crop protection

Please outline below what pesticides were applied to the crop (from planting to harvest).

	Product name	Application rate	Date applied
Herbicide			
Insecticide			
Fungicide			
Desiccant			

- Does the grower or staff applying pesticides on-farm hold either a current *Commercial Operator's Licence (Qld)*, or completed the *National Farm Chemical User's Training Program* administered by ChemCert Australia? (Select) No Yes
- Has the crop been grown on a property with an *organochlorine status classification* (e.g. dieldrin, DDT), or a property under quarantine because of organochlorine residue? (Select) No Yes

## Animal, industrial and municipal waste

- Has animal manure or municipal waste been applied to the land as a fertiliser or soil conditioner in the 2 years prior to, or during the growing of the crop? Or have domestic animals grazed this paddock within the last 12 months? If 'Yes', please provide details in table below. (Select) No Yes

Type of animal manure/waste	Source	Application rate	Date applied

- Were the mungbeans grown within one kilometre of a known discharge area for industrial waste, agricultural waste (piggeries, dairies, feedlots), or a municipal sewerage works? (Select) No Yes

If yes, what was the type of waste: ..... Proximity to crop: .....

- Has irrigation water contaminated with industrial waste, agricultural waste (piggeries, dairy, feedlots), or municipal sewerage waste been used to irrigate the crop? (Select) No Yes

If yes, what was the type of waste: ..... Proximity of discharge to crop: .....

- To the best of your knowledge has any of the transport equipment (the truck bin or crate) been used to transport or store livestock or animal waste products in the last one year? If 'Yes', please provide details in table below. (Select) No Yes

Type of livestock	Date transported	Detail method of cleaning	Date of cleaning

## Harvesting and storage

Harvest date: ..... Area: .....

- Were insecticides used to disinfect grain handling and storage equipment? If 'Yes', please provide details in the table below. (Select) No Yes

Product name	Application rate	Date applied

- Detail method of cleaning harvesting and storage equipment and date (tick appropriate boxes in the table below).

Equipment	Method of cleaning			Industrial cleaner (product/rate)	Date applied
	Water pressure cleaner	Compressed air	Scrub down		
Header	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Augers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Field bins	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Grading equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Storage facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

- Was any loaded transport equipment left overnight in a position likely to be fouled with bird or rodent excrement? (Select) No Yes

• How long has the harvested grain been held on-farm? ..... days

• How was the grain stored? (e.g. elevated silo, field bin, open storage) .....

## Certification statement

I certify that:

1. To the best of my knowledge all pesticides applied by either myself or others on my behalf in the production of this crop have been applied in accordance with the registered label or AVPMA permit for those chemicals, and that the withholding period for the chemicals have been observed.
2. To the best of my knowledge this crop has been grown in accordance with the *Code of Hygienic Practice for Mungbeans*.

Vendor's signature: ..... Date: .....

Vendor's name (please print): .....

### On-farm hygiene and food safety

It is absolutely critical that growers adopt this code of practice and hygienic on-farm practices if Australia is to maintain its reputation as a producer of clean and hygienic foodstuffs for both the domestic and overseas markets.

A *Code of Hygienic Practice* was originally established in 1989 by the Australian Quarantine and Inspection Service (AQIS) in an effort to improve food safety and hygiene issues across the pulse and oilseed industries. This legislation was repealed in 2007 and the Australian Mungbean Association (AMA) has subsequently introduced a voluntary *Code of Hygienic Practice* to ensure that food safety standards across the industries are maintained at the same high standard as achieved over the last 20 years.

The section of the Code that relates directly to mungbean growers and which outlines growers' responsibilities is provided below, under the heading *Hygienic requirements on the farm and during transport to the mill*.

Growers need to familiarise themselves with this section of the Code and need to understand that while there is not direct licensing or inspection of on-farm handling and storage facilities, there is an industry obligation to comply with the hygienic requirements as set out under the Code.

A full copy of the AMA *Code of Hygienic Practice* is available on line at [www.mungbean.org.au](http://www.mungbean.org.au)

#### AMA Code of hygienic practice for pulses and legumes Section I – Scope

This code describes general hygienic practices for use in the handling (including growing and harvesting, preparation, processing, packaging, storage, transport and distribution) of mungbeans for human consumption in order to ensure a clean, safe, and wholesome product.

For a full copy visit: [www.mungbean.org.au](http://www.mungbean.org.au)

#### Section II – Hygienic requirements on the farm and during transport to the mill

**Protection of crops from contamination by wastes**  
Crops should be protected from contamination by human, animal, domestic, industrial and agricultural wastes, which could cause microbial contamination.

**Pest and disease control of crops**  
Control measures involving treatment with chemical, physical or biological agents should only be undertaken as prescribed under APVMA registration and guidelines.

#### Harvesting and storage on the farm and transport to the mill

- Techniques—methods and procedures associated with harvesting, storage on the farm and transport to the mill should be hygienic and such as not to allow any microbial or other contamination of the product. Particular care should be taken to prevent cross contamination from animals (birds, rodents and other pests), stockfeed, and other animal products (meat meal, etc.).
- Equipment and containers—equipment and containers used for harvesting, storage and transport should be so constructed to allow easy and thorough cleaning. They should be kept clean and, where necessary, disinfected.
- Removal of obviously unfit raw materials—product that is obviously unfit for human consumption should be segregated at harvesting. It cannot be made fit by further processing, and should be disposed of in a way that avoids contamination of any product for human consumption.
- Protection against contamination and damage—during storage on the farm and subsequent transport to the mill, the product should be protected from insects and pests and microbial contamination. Care should also be taken to avoid damage to the product as this predisposes it to microbial spoilage.

## Pesticides registered (or under permit) for use in mungbeans (Qld and NSW)—Dec 2011

Chemical name	Product trade name	Application rate/ha	WHP*
<b>Insecticide</b>			
alpha-cypermethrin	Dominex	check label	7
<i>Bacillus thuringiensis</i> (Bt)	Bt Dipel®, Farnoz Btk®	check label	n/a
beta-cypermethrin	BansheeEC	check label	7
chlorpyrifos <i>under permit PER8522</i>	Chlorpyrifos 500	seed treatment or grain bait	n/a
cypermethrin	Cypermethrin	check label	7
deltamethrin	Decis options®	check label	7
dimethoate PER13155	Dimethoate	0.5–0.8 L	14
esfenvalerate <sup>#</sup>	Sumi-Alpha® Flex	0.4–0.5 L	14
gamma-cyhalothrin*	Trojan®	0.05 or 0.06 L	14
helicoverpa NPV	VivusMax®	check label	n/a
indoxacarb	Steward®	0.2–0.4 L	28
lambda-cyhalothrin	Karate®, Matador®	0.6 or 0.7 L	14
methomyl	Lannate®, Marlin®	0.5–2.0 L	7
paraffinic oil	Canopy®	1–2%	1
thiodicarb	Larvin®	check label	21
<b>Herbicide</b>			
acifluorfen (224 g/L)	Blazer®	1–2 L	0
butoxydim (240 g/L)	Factor™	120 or 180 g	0
clethodim (240 g/L)	Select™	250 - 375 mL	0
haloxyfop-P (520 g/L)	Verdict™	0.1 - 0.15 L	0
imazethapyr	Spinnaker 700 WDG®	100 g or 140 g	0
pendimethalin (440 g/L)	Stomp®	1.9–2.25 L	0
quizalofop-P-ethyl (99.5 g/L)	Targa®	0.125 - 1.0 L	84
trifluralin (480 g/L)	Treflan 480™	1.2–1.7 L	0
<b>Fungicide</b>			
carbendazim <i>under permit PER11094</i>	Carbendazim 500	0.5 L	28
sulphur	Headland Liquid Sulphur	2.0 - 3.0 L	0
<b>Crop desiccation</b>			
diquat (200)	Reglone®	2.0 - 3.0 L	0
glyphosate 540 (as potassium salt)	Roundup PowerMax®	0.68 - 1.8 L	7
<b>Stored grain insecticide</b>			
phosphine	Fostoxin, Fumitoxin	0.6 - 1.5 g/m <sup>3</sup>	2
<b>Rodenticide</b>			
zinc phosphide	Mouse-off grain bait	1 kg grain bait/ha	14

<sup>#</sup>QLD only; \*not in southern NSW

The above list also contains pesticides *under permit*, or with APVMA approval for use. Permit details are not provided on the product label and will need to be accessed via the APVMA website: [www.apvma.gov.au](http://www.apvma.gov.au) Always check permit expiry dates before use.



\* Withholding period (WHP)—the minimum number of days that must elapse between spraying of the chemical and harvest of the crop for grain. Observing the WHP should ensure that pesticide residues are below the accepted MRL. Note that Grazing and Export Slaughter WHP's may be different to the Harvest WHP. Check the label and APVMA website for details.

The information provided has been generated from the APVMA PubCRIS database. While every effort is made to ensure that the data is complete and accurate, the Queensland Government gives no warranties, expressed or implied, as to the accuracy of the information.

This publication is only a guide to the use of pesticides. The correct choice of chemical, rate and method of application are the sole responsibility of the user.

### For more information

Business Information Centre: 13 25 23; email: [callweb@dpi.qld.gov.au](mailto:callweb@dpi.qld.gov.au); website: [www.dpi.qld.gov.au](http://www.dpi.qld.gov.au)

From 12 August 2011, DEEDI will not be providing future versions of Infopest, as the Australian Pesticides and Veterinary Medicines Authority (APVMA) is nationally responsible for agvet chemical information. The July 2011 final Infopest DVD will be a useful reference for up to 12 months but will gradually become outdated over that period. Therefore, you should start making use of the information on the PubCRIS database on the APVMA website, where you can also view current permits.

Australian Pesticides and Veterinary Medicines Authority (APVMA) website: [www.apvma.gov.au](http://www.apvma.gov.au)

Australian Mungbean Association (AMA) website: [www.mungbean.org.au](http://www.mungbean.org.au)

Australian Quarantine and Inspection Service (AQIS) website: [www.daffa.gov.au/aqis](http://www.daffa.gov.au/aqis)

NSW Industry and Investment (I&I) website: [www.dpi.nsw.gov.au](http://www.dpi.nsw.gov.au)

Pulse Australia website: [www.pulseaus.com.au](http://www.pulseaus.com.au)

Insect and disease management books available from SDS Publications, 1800 801 123, [www.sds.qld.gov.au](http://www.sds.qld.gov.au)

- 'Crop insects: the ute guide, northern region grain belt'
- 'Mungbean and soybean disorders: the ute guide'

This *Vendor declaration* has been compiled by the Department of Employment and Economic Development and Innovation in consultation with the Australian Mungbean Association, Australian Quarantine and Inspection Service, NSW Industry & Investment and Pulse Australia.