



**Licence Number:** DIR 020/2002  
**Licence Holder:** Monsanto Australia Ltd  
**Project Supervisor:**  
**Accreditation Number:** ACCR 034/2002

---

**Submission:** 2009 Annual Report for the Commercial Release of Roundup Ready Canola (Brassica napus) in Australia.  
**Reporting Period:** 19 December 2008 – 19 December 2009

---

**Date:** 14 January 2010

**Prepared by:**

Information and data submitted herein contains trade secrets, or privileged or confidential information the property of Monsanto Australia Limited and no government agency or representative thereof is authorised to disclose such data and information without written permission from Monsanto Australia Limited.



## Section 1: Licence Holder Details

**Name:** Monsanto Australia Limited

**Address:**

**Telephone:**

**Facsimile:**

**Contact Email:**

**Accreditation number:** ACCR 034/2002

### SCOPE OF THE REPORT

This report addresses the annual reporting conditions of the DIR 020/2002 commercial licence for the general release of Roundup Ready canola in Australia, issued to Monsanto Australia Limited by the Office of the Gene Technology Regulator.

This report details compliance with general and specific conditions of Sections 1 to 3 of the DIR 020/2002 licence as issued to Monsanto Australia Limited on the 19 December 2002, and as varied 15 April 2009.

This report covers the period of time from 19 December 2008 through to 19 December 2009 including the 2009 canola growing season.

# Table of Contents

---

<b>Section 1: Licence Holder Details</b>	<b>2</b>
<b>Section 2: General Conditions</b>	<b>4-5</b>
2.1 Duration of Licence	4
2.2 Holder of Licence	4
2.3 Project Supervisor	4
2.4 No Dealings with GMO except as authorised by licence	4
2.5 Persons Covered by this Licence	4
2.6 Informing People of their Obligations	4
2.7 Licence Holder to notify of circumstances that might affect suitability	4
2.8 Additional Information to be given to the Regulator	5
2.9 People dealing with the GMO must allow auditing and monitoring of the dealing	5
2.10 Remaining an Accredited Organisation	5
<b>Section 3: Growing the GMO</b>	<b>6-16</b>
3.1 GMO Covered by this Licence	6
3.2 Permitted Dealings	6
3.3 Volumes of the GMO grown	6-15
3.4 Annual Survey	16



## Section 2: General Conditions

### 2.1 Duration of Licence

DIR 020/2002 has not been suspended, cancelled or surrendered.

### 2.2 Holder of Licence

Monsanto Australia Limited (Monsanto) is the holder of the licence.

### 2.3 Project Supervisor

is the project supervisor as per Attachment A of the licence. The licence was varied 15 April 2009 to reflect the change of contact details

### 2.4 No dealings with GMOs except as authorised by this licence

Persons covered by the licence did not deal with GMO's except as expressly permitted by this licence.

### 2.5 Persons Covered by this Licence

All persons covered by this licence are all persons in Australia.

### 2.6 Informing People of their Obligations

Monsanto Australia Limited informed all canola growers covered by the DIR 020/2002 licence, of the obligations imposed on them as a result of the conditions of this licence. This was primarily achieved through the Monsanto Accreditation Program and information course which includes information on regulatory obligations, as well as crop management practices.

The Monsanto Accreditation program requires all persons involved in the management responsibility for Roundup Ready canola crops to undergo training.

### 2.7 Licence Holder to notify of circumstances that might affect suitability

During the reporting period, Monsanto Australia Ltd did not receive a relevant conviction occurring after the commencement of this Licence; nor was there any revocation or suspension of a Licence or permit held by Monsanto Australia Ltd under a law of the Australian Government, a State or a foreign country, being a law relating to the health and safety of people or the environment; or any event or circumstance occurring after the commencement of the Licence that would affect the capacity of Monsanto to meet the conditions of the DIR 020/2002 Licence.

Monsanto acknowledges that it must provide information related to their ongoing suitability to hold a Licence when requested to do so in writing by the Regulator and must provide the information within a time period stipulated by the Regulator.



## **2.8 Additional Information to be given to the Regulator**

During the reporting period, Monsanto did not become aware of additional information as to any risks to the health and safety of people, or to the environment, associated with the dealings authorised by the Licence; or of any unintended effects of the dealings authorised by the Licence.

## **2.9 People dealing with the GMO must allow auditing and monitoring of the dealing**

Monsanto acknowledges that if a person is authorised by this Licence to deal with GMOs and a particular condition of this Licence applies to the dealing by that person, the person must allow the Regulator, or a person authorised by the Regulator, to enter premises where the dealing is being undertaken, for the purposes of auditing or monitoring the dealing.

## **2.10 Remaining an Accredited Organisation**

At all times, Monsanto remained an accredited organisation and complied with conditions of accreditation as set out in the OGTR Guidelines for Accreditation of Organisations.



### SECTION 3: GROWING THE GMO

#### 3.1 GMOs Covered by this Licence

The only dealings with GMOs under this licence were those with the GMOs described in Attachment B of the DIR 020/2002 Licence.

#### 3.2 Permitted Dealings

During the period of this report only dealings with the GMO authorised were permitted.

#### 3.3 Volumes of Roundup Ready canola grown in each State and Territory in the 2009 growing season including commercial and non-commercial volumes.

#### Total 2009 Australian Plantings including seed increase areas

#### Demonstration and Research Trial Areas and Locations Planted in 2009

##### 3.3.1 Victoria: 6.4 hectares and 14 site locations

TUA #	State	Farm Unit	PRAMOG category	Area (ha)
9500007	VIC		1	0.2
9500008	VIC		2	0.15
9500009	VIC		NG	0.15
9500010	VIC		2	0.12
9500011	VIC		2	0.12
9500012	VIC		2	0.12
9500013	VIC		2	0.12
9500015	VIC		2	0.06
9500016	VIC		1	0.06
9500041	VIC		2	0.5
9500045	VIC		2	1.5
9500046	VIC		2	1.3
9500034	VIC		1	1
9500035	VIC		1	1


**3.3.2 New South Wales: 97.74 hectares and 14 site locations**

TUA #	State	Farm Unit	PRAMOG category	Area (ha)
9500005	NSW		1	4.5
9500017	NSW		1	2
9500018	NSW		2	0.2
9500019	NSW		1	5
9500030	NSW		2	38
9500039	NSW		2	0.4
9500040	NSW		2	0.4
9500042	NSW		2	1
9500043	NSW		2	0.5
500036	NSW		2	0.5
500037	NSW		2	0.24
500038	NSW		2	1.5
9500044	NSW		2	1.5
9500024	NSW		2	42

**3.3.3 Queensland: 19.1 hectares and 5 site locations**

TUA #	State	Farm Unit	PRAMOG category	Area (ha)
9500025	QLD		2	12
9500026	QLD		2	3
9500027	QLD		2	1.3
9500029	QLD		2	1.4
9500028	QLD		2	1.4



## Commercial Roundup Ready canola planted in 2009

## 3.3.4 Victoria

TUA	Proposed Area (ha) Planted	Seed (kg) Purchased	State
09100027	37.00	80.00	VIC
09100028	15.00	40.00	VIC
09100076	62.00	240.00	VIC
09100077	32.00	80.00	VIC
09100094	98.00	420.00	VIC
09100104	72.00	240.00	VIC
09100107	130.00	525.00	VIC
09100124	350.00	720.00	VIC
09100139	260.00	850.00	VIC
09100175	45.00	105.00	VIC
09100182	47.00	135.00	VIC
09100185	118.00	500.00	VIC
09100186	86.30	350.00	VIC
09100188	308.00	800.00	VIC
09100189	122.00	500.00	VIC
09100190	64.00	180.00	VIC
09100191	140.00	525.00	VIC
09100196	48.00	150.00	VIC
09100207	218.00	750.00	VIC
09100210	24.00	100.00	VIC
09100217	526.00	1,140.00	VIC
09100260	50.00	150.00	VIC
09100285	60.00	175.00	VIC
09100300	275.00	825.00	VIC
09100313	89.00	275.00	VIC
09100128	150.00	750.00	VIC
09100129	40.00	120.00	VIC
09100130	100.00	500.00	VIC
09100131	34.00	140.00	VIC
09100132	24.50	60.00	VIC
09100170	106.00	360.00	VIC
09100264	40.00	120.00	VIC
09100279	30.00	120.00	VIC
09100282	32.00	80.00	VIC
09100007	50.00	140.00	VIC
09100008	125.00	380.00	VIC
09100009	184.00	660.00	VIC
09100010	140.00	580.00	VIC
09100011	244.00	660.00	VIC
09100068	44.00	120.00	VIC
09100074	63.00	160.00	VIC
09100084	427.00	1,300.00	VIC
09100087	138.00	460.00	VIC
09100091	208.00	850.00	VIC
09100274	110.00	280.00	VIC





TUA	Proposed Area (ha) Planted	Seed (kg) Purchased	State
09100276	133.00	520.00	VIC
09100302	100.00	140.00	VIC
09100233	90.00	220.00	VIC
09100239	111.00	300.00	VIC
09100251	273.00	1,180.00	VIC
09100321	46.00	160.00	VIC
09100200	330.00	980.00	VIC
09100219	203.00	520.00	VIC
09100220	136.00	450.00	VIC
09100222	44.00	120.00	VIC
09100223	56.00	140.00	VIC
09100288	113.31	400.00	VIC
09100299	5.50	25.00	VIC
09100320	220.00	440.00	VIC
09100109	157.00	355.00	VIC
09100194	26.00	75.00	VIC
09100195	96.00	250.00	VIC
09100133	415.00	1,005.00	VIC
09100134	44.00	120.00	VIC
09100137	68.00	220.00	VIC
09100138	36.00	90.00	VIC
09100277	340.00	1,200.00	VIC
09100289	211.00	285.00	VIC
09100291	72.00	420.00	VIC
09100292	96.00	300.00	VIC
09100293	200.00	520.00	VIC
09100294	343.00	860.00	VIC
09100301	318.00	1,020.00	VIC
09100303	387.00	1,100.00	VIC
09100312	48.00	140.00	VIC
09100316	477.00	1,400.00	VIC
09100317	60.00	210.00	VIC
09100319	74.00	340.00	VIC
09100045	120.00	300.00	VIC
09100046	111.00	200.00	VIC
09100047	154.00	315.00	VIC
09100048	96.00	240.00	VIC
09100049	139.00	405.00	VIC
09100050	40.00	90.00	VIC
09100052	234.00	465.00	VIC
09100053	601.00	1,250.00	VIC
09100069	36.00	105.00	VIC
09100183	40.00	175.00	VIC
09100216	53.00	105.00	VIC
09100066	260.00	660.00	VIC
09100092	180.00	540.00	VIC
09100100	120.00	425.00	VIC
09100169	310.60	760.00	VIC
09100006	397.00	1,305.00	VIC



TUA	Proposed Area (ha) Planted	Seed (kg) Purchased	State
09100029	110.00	315.00	VIC
09100030	49.00	160.00	VIC
09100031	259.00	460.00	VIC
09100032	206.00	255.00	VIC
09100036	72.00	180.00	VIC
09100054	86.00	210.00	VIC
09100056	123.00	255.00	VIC
09100058	125.00	255.00	VIC
09100257	100.00	300.00	VIC
09100021	40.00	90.00	VIC
09100013	243.00	610.00	VIC
09100015	76.00	180.00	VIC
09100016	316.00	1,135.00	VIC
09100017	122.00	270.00	VIC
09100018	107.00	225.00	VIC
09100019	58.00	120.00	VIC
09100022	460.00	935.00	VIC
09100026	127.00	240.00	VIC
09100051	160.00	405.00	VIC
09500003	297.00	750.00	VIC
09100102	197.00	360.00	VIC
09100072	40.00	105.00	VIC
09100075	68.00	195.00	VIC
09100088	80.00	240.00	VIC
09100093	103.00	235.00	VIC
09100096	62.00	195.00	VIC
09100097	105.00	310.00	VIC
09100101	215.00	645.00	VIC
09100120	90.00	280.00	VIC
09100121	194.00	585.00	VIC
09100122	18.00	60.00	VIC
09100125	90.00	280.00	VIC
09100126	78.00	210.00	VIC
09100127	202.00	500.00	VIC
09100141	180.00	570.00	VIC
09100184	136.00	340.00	VIC
09100187	303.00	1,380.00	VIC
09100192	100.00	280.00	VIC
09100208	232.00	700.00	VIC
09100209	16.00	80.00	VIC
09100212	407.00	1,030.00	VIC
09100227	176.00	560.00	VIC
09100234	148.00	460.00	VIC
09100284	49.00	150.00	VIC
09100314	56.00	150.00	VIC
09100171	50.00	60.00	VIC
09100172	50.00	100.00	VIC
09100268	107.00	260.00	VIC
09100315	210.00	640.00	VIC



TUA	Proposed Area (ha) Planted	Seed (kg) Purchased	State
09100038	157.00	525.00	VIC
09100039	147.00	375.00	VIC
09100060	125.00	375.00	VIC
09100061	343.00	1,070.00	VIC
09100070	225.00	720.00	VIC
09100146	136.00	345.00	VIC
09100035	559.00	1,700.00	VIC
09100037	128.00	300.00	VIC
09100055	104.00	350.00	VIC
09100067	226.00	595.00	VIC
09100071	116.00	475.00	VIC
09100073	82.00	325.00	VIC
09100211	264.00	800.00	VIC
09100221	68.00	295.00	VIC
09100256	34.00	150.00	VIC
09100298	125.00	405.00	VIC
09100201	60.00	375.00	VIC
09100202	18.00	80.00	VIC
09100242	28.00	100.00	VIC
09100243	55.00	180.00	VIC
09100244	140.00	500.00	VIC
09100163	72.00	195.00	VIC
09100165	42.00	135.00	VIC
09100214	226.00	520.00	VIC
09100205	138.00	625.00	VIC
09100271	237.00	450.00	VIC
09100272	100.00	200.00	VIC
09100258	50.00	100.00	VIC
09500006	482.00	75.00	VIC
09100105	87.00	300.00	VIC
09100145	91.00	185.00	VIC
09100149	120.00	340.00	VIC
09100150	44.00	160.00	VIC
09100151	340.00	700.00	VIC
09100152	168.00	520.00	VIC
09100153	124.00	380.00	VIC
09100154	94.00	300.00	VIC
09100155	187.00	580.00	VIC
09100156	18.50	60.00	VIC
09100157	10.00	20.00	VIC
09100158	154.00	480.00	VIC
09100159	143.00	425.00	VIC
09100164	99.00	300.00	VIC
09100173	32.00	100.00	VIC
09100174	35.00	100.00	VIC
09100176	75.00	225.00	VIC
09100177	77.00	220.00	VIC
09100178	137.00	420.00	VIC
09100179	101.00	240.00	VIC



TUA	Proposed Area (ha) Planted	Seed (kg) Purchased	State
09100180	110.00	320.00	VIC
09100181	105.00	360.00	VIC
09100215	43.00	140.00	VIC
09100252	49.00	140.00	VIC
09100140	32.00	80.00	VIC
09100229	36.00	150.00	VIC
09100307	72.00	250.00	VIC
<b>Total</b>	<b>199</b>	<b>27,754.71Ha.</b>	<b>78,685kg</b>
			<b>VIC</b>

### 3.3.5 New South Wales - Commercial Roundup Ready canola planted in 2009

TUA	Proposed Area (ha) Planted	Seed (kg) Purchased	State
09100309	103.00	255.00	NSW
09100310	96.00	240.00	NSW
09100311	227.00	665.00	NSW
09100232	65.00	120.00	NSW
09100089	230.00	600.00	NSW
09100198	96.00	260.00	NSW
09500032	155.00	240.00	NSW
09500033	83.00	250.00	NSW
09100290	40.00	80.00	NSW
09100304	55.00	160.00	NSW
09100224	39.00	120.00	NSW
09100225	35.00	100.00	NSW
09100228	68.00	200.00	NSW
09100254	64.00	210.00	NSW
09100259	173.00	675.00	NSW
09100247	40.00	105.00	NSW
09100162	109.00	300.00	NSW
09100166	178.00	250.00	NSW
09100167	80.00	210.00	NSW
09100199	220.00	550.00	NSW
09100034	30.00	75.00	NSW
09100117	253.00	495.00	NSW
09100118	130.00	255.00	NSW
09100119	466.00	905.00	NSW
09500031	60.00	150.00	NSW
09100095	122.00	260.00	NSW
09100135	250.00	620.00	NSW
09100136	100.00	280.00	NSW
09100193	100.00	260.00	NSW
09100213	85.00	220.00	NSW
09100236	70.00	150.00	NSW
09100238	86.00	220.00	NSW
09100115	490.00	1,450.00	NSW
09100143	610.00	1,360.00	NSW
09100144	55.00	175.00	NSW
09100148	98.00	250.00	NSW



TUA	Proposed Area (ha) Planted	Seed (kg) Purchased	State
09100250	50.00	140.00	NSW
09100286	46.00	200.00	NSW
09100263	50.00	100.00	NSW
09100265	65.00	105.00	NSW
09100266	138.00	340.00	NSW
09100267	36.00	100.00	NSW
09500014	85.00	175.00	NSW
09100270	128.00	300.00	NSW
09100273	61.00	175.00	NSW
09100308	85.00	275.00	NSW
09100098	51.00	140.00	NSW
09100106	200.00	400.00	NSW
09100160	251.50	560.00	NSW
09100161	150.00	380.00	NSW
09100023	100.00	300.00	NSW
09100024	78.00	210.00	NSW
09100025	211.00	660.00	NSW
09100040	33.00	100.00	NSW
09100041	95.00	240.00	NSW
09100064	70.00	195.00	NSW
09100078	70.00	210.00	NSW
09100079	100.00	375.00	NSW
09100081	109.00	315.00	NSW
09100082	175.00	585.00	NSW
09100083	570.00	1,710.00	NSW
09100085	35.00	105.00	NSW
09100099	90.00	180.00	NSW
09100110	70.00	150.00	NSW
09100111	700.00	1,935.00	NSW
09100112	144.00	320.00	NSW
09100113	19.00	60.00	NSW
09100114	76.00	165.00	NSW
09100237	70.00	210.00	NSW
09100255	40.00	120.00	NSW
09100168	48.00	150.00	NSW
09100235	34.00	75.00	NSW
09100269	77.00	245.00	NSW
09100275	218.00	460.00	NSW
09100280	161.00	510.00	NSW
09100281	77.00	245.00	NSW
09100080	54.00	120.00	NSW
09100240	131.00	300.00	NSW
09100248	226.00	540.00	NSW
09100305	43.00	120.00	NSW
09100249	735.00	2,240.00	NSW
09500022	40.00	105.00	NSW
09100044	155.00	405.00	NSW
09100203	40.00	105.00	NSW
09100218	120.00	450.00	NSW



TUA	Proposed Area (ha) Planted	Seed (kg) Purchased	State	
09100246	309.00	715.00	NSW	
09100262	140.00	400.00	NSW	
09100306	50.00	175.00	NSW	
09100103	20.00	60.00	NSW	
09100241	36.00	105.00	NSW	
09100090	153.00	360.00	NSW	
09100108	188.00	500.00	NSW	
09100142	203.00	500.00	NSW	
09100253	90.00	195.00	NSW	
09100287	52.00	135.00	NSW	
09100318	41.00	150.00	NSW	
09500004	154.00	380.00	NSW	
09500020	440.00	900.00	NSW	
<b>Total</b>	<b>98</b>	<b>13,447.5Ha</b>	<b>34895kg</b>	<b>NSW</b>

**Total Roundup Ready Canola Hectares Planted 2009**

	Hectares
<b>Victoria</b>	
Commercial	27,754.71
Trial/ Demonstration	6.40
<b>New South Wales</b>	
Commercial	13,447.50
Trial & Demonstration	97.74
<b>Queensland</b>	
Trial/Demonstration	19.10
<b>Total</b>	<b>41,325.45</b>



## GENETICALLY MODIFIED CROPS FREE AREAS EXEMPTION ORDER 2009

**EXEMPTION:**

Agriculture and Food - AG401,  
17<sup>th</sup> February 2009, Government Gazette, WA

**WA Commercial Demonstration - Roundup Ready® Canola planted 2009**

TUA Number	Date audit conducted on farm	Hectares Planted (Paddock GPS Coordinates)
WA2009 11	03/06/09	23.00
WA2009 15	02/06/09	51.66
WA2009 14	02/06/09	70.00
WA2009 13	02/06/09	57.21
WA2009 16	02/06/09	64.45
WA2009 17	03/06/09	58.99
WA2009 04	03/06/09	53.50
WA2009 05	04/06/09	51.47
WA2009 08	03/06/09	50.74
WA2009 02	04/06/09	58.45
WA2009 09	05/06/09	44.24
WA2009 06	05/06/09	31.50
WA2009 03	05/06/09	52.40
WA2009 10	04/06/09	42.24
WA2009 01	04/06/09	47.72
WA2009 07	04/06/09	24.17
WA2009 12	02/06/09	57.85
WA2009 18	09/07/09	0.58
WA2009 19	07/07/09	11.06
WA2009 20	06/07/09	6.60
<b>Total</b>		<b>857.83Ha</b>

Information and data submitted herein contains trade secrets, or privileged or confidential information the property of Monsanto Australia Limited and no government agency or representative thereof is authorised to disclose such data and information without written permission from Monsanto Australia Limited.



### 3.4 Annual Surveys

No other information on the progress of the release of the GMO, including annual surveys, was required to be submitted during this annual reporting period under Specific Condition 5(d) of DIR020.

Monsanto undertook a consultation session with the OGTR discussing progress of the 2009 season, uptake of the technology on a state by state basis, 2009 delivery locations and the presence of roadside Roundup Ready canola volunteers during the 2009 season.

Monsanto provided some initial results of a GRDC funded research project which is being conducted by [redacted] investigating risk management with the commercial release of Roundup Ready Canola.

This research group conducted surveys of the 2008 Victorian Roundup Ready canola delivery sites with the aim of detecting Roundup Ready volunteers by assessing the areas in which they were most likely to be found. The locations where canola plants were found were GPS recorded along with the numbers of plants and samples taken for testing to determine if the plants were GM. The survey will be repeated at these same sites in 2010 to measure the persistence or invasiveness of Roundup Ready volunteers in the environment. [redacted] indicated that the study participants would be happy to share the results with the OGTR.

Monsanto intends to continue consultations annually or when requested by the Regulator.