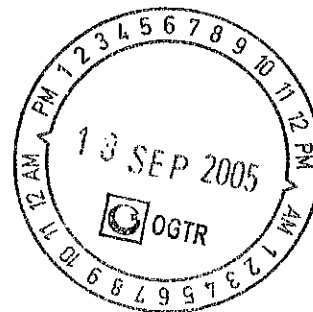


MONSANTO



LICENCE Number: DIR 022/2002 and DIR 023/2003
LICENSE HOLDER: Monsanto Australia Limited
PROJECT SUPERVISOR: [REDACTED]
Accreditation No: ACCR 034/2002

SUBMISSION: Annual Report for Roundup Ready® Cotton and INGARD® 2005
REPORTING PERIOD: 21 June 2004 - 20 June 2005 ("2004/05 Cotton Growing Season")
DATE: 8 September 2005

PREPARED BY: [REDACTED]
 Regulatory Product Manager

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**Accreditation
Number:** ACCR 034/2002

SCOPE OF THE REPORT

This report addresses the annual reporting condition of the DIR 022 / 2002 ("The commercial release of insecticidal (INGARD® event 531) cotton") and DIR 023 / 2002 ("Commercial release of herbicide tolerant (Roundup Ready® event 1445) and herbicide tolerant / insecticidal (Roundup Ready® / INGARD® event 531) cotton) licences issued to Monsanto Australia Limited by the Office of the Gene Technology Regulator.

This report details compliance with general and specific conditions of Part 3 of both DIR 022 / 2002 and DIR 023 / 2003.



Table of Contents

1	General Conditions	1
	a Informing people of their obligations	1
	b Reporting	1
	c Material changes in circumstances	1
	d Remaining an accredited organisation	2
	e Changes to details	2
2	Restrictions on growing of the GMO	
	a Crop plantings of Roundup Ready® cotton	2
	i) Conditions for Growing Crop	2
	ii) Crop Locations	3
3	Transport and use of GM whole cotton seed in the Restricted Zone	22
	i) Background	22
	ii) Preparation of Strategy	22
	iii) Consultation / informing people of conditions and their responsibilities	23

Attachment 1 Monsanto Australia Limited, 2004, Roundup Ready cotton: Environmental Monitoring Program. *Roadside Monitoring Report.*

1. General Conditions

a. Informing people of their obligations

The introduction of Bollgard II into the market in 2002, saw the 'phase-out' of INGARD over a period of two years. The period between 21 June 2004 and 20 June 2005 was the first season in which no Technology User Agreements for INGARD were given, nor was any INGARD seed distributed. Growers were informed that INGARD would not be permitted through the Bollgard II / Roundup Ready cotton Technology User Agreement which stated in Clause 3.3 "The Grower must not exploit INGARD technology and/or plant INGARD cotton seed, in compliance with Clause 1(f) of the Licence".

As there was no INGARD planted under the licence DIR 023 / 2002, there were no 'persons covered by this licence' and therefore no persons were informed of conditions of the licence.

Monsanto Australia Limited informed all cotton growers and cotton gins covered by DIR 023 (Roundup Ready cotton) licence of the obligations imposed on them as a result of the conditions this licence. This was achieved primarily through the Monsanto Accreditation program and information course which includes information on regulatory obligations, as well as management of the crop.

Roundup Ready[®] cotton Accreditation programs require all persons having management responsibility for Roundup Ready[®] Cotton crops, to undergo training and pass a test on the content of the training. Growers were only required to attend these courses and pass the accreditation test once, and therefore may have attended these courses prior to the 2004/05 cotton season. 1,293 growers were accredited in regulatory obligations and conditions, and management of Roundup Ready cotton technology in the 2002/2003 season. A further 208 cotton growers attended Roundup Ready accreditation programs in the 2003/04 season and 298 growers and consultants attended Roundup Ready accreditation programs in the 2004/05 season.

Gins known to transport cotton seed into the restricted zone were notified by letter that they were permitted to transport seed north of 22° south provided they adhered to all conditions and obligations associated with the use of cotton seed within the restricted zone.

b. Reporting

During the reporting period, the licence holder did not become aware of any additional information related to any risks to the health and safety of people, or to the environment associated with the dealings authorised by either the INGARD[®] or the Roundup Ready[®] cotton licence, or of any unintended effects of the dealings authorised by the licence.

During the reporting period, the licence holder did not become aware of any contraventions of either DIR 022 / 2002 or DIR 023 / 2003 by a person covered by the licence.

c. Material changes in circumstances

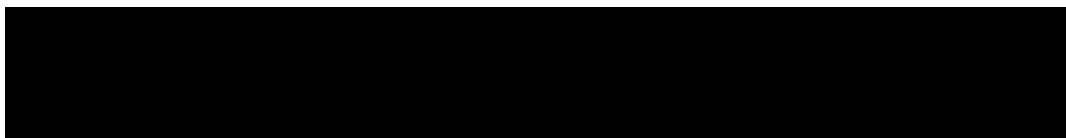
During the 2004/05 reporting period, Monsanto Australia Limited did not become aware of any relevant conviction of the licence holder occurring after the commencement of this licence; any revocation or suspension of a licence or permit held by Monsanto Australia Limited; or any event or circumstance that would affect the capacity of Monsanto Australia Limited to meet the conditions of either Dir 022 / 2002 or DIR 023 / 2002 licences.



d. Remaining an accredited organisation

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

e. Changes to details



2. Restrictions on growing of the GMO

The licence holder must not enter into a Technology User's Agreement or any other agreement which would permit the GMO to be grown outside of the traditional cotton-growing areas of New South Wales and Queensland south of latitude 22° south or north of 22° south.

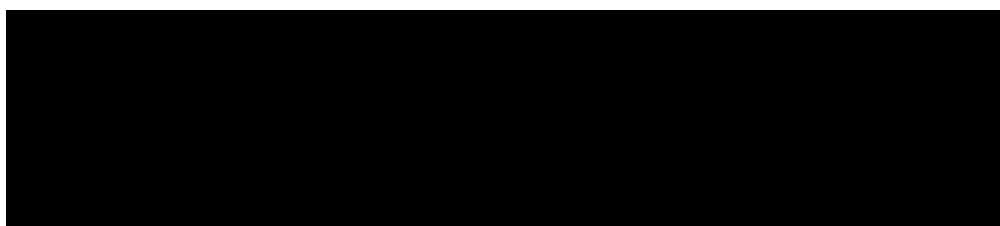
INGARD cotton was not grown in the 2005/05 season.

Roundup Ready® cotton was only grown in the traditional cotton-growing regions of NSW and Queensland. More information on the locations where all Roundup Ready® cotton was grown during the 2004/05 cotton growing season are given in **Part 2a**.

a. Crop plantings of Roundup Ready® cotton

i) Conditions for Growing Crop

Sales and planting of Roundup Ready® Cotton were undertaken under a Technology User Agreement (TUA), which sets out the conditions for planting and growing the crop. In order to be eligible to sign such an agreement, a grower was required to attend a Roundup Ready® Cotton accreditation program, and pass a test based on the material covered in the accreditation program.



ii) **Crop Locations**

In the tables below, all fields in which Roundup Ready[®] cotton was grown are listed by TUA and Farm Unit. Note that locations are sorted by valley, with the approximate boundary of each valley, described at the start of each listing.

Valley: Bourke (NSW/QLD)
Boundaries: West of Walgett Shire, north of Coolahbah. Includes Cunnamulla in Queensland.

Crop Locations:

TUA number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			36.8
			210.6
			370.3
			294.4
			227
			653.5
			159.3
			867.9
			86.5
			484
			484.9
			28.6
			202.5
			163.1
			86.7

Valley: Darling Downs (QLD)
Boundaries: Follows the Condamine River. Includes Toowoomba, Murgon, Dalby, Chinchilla, Condamine and Roma. South-west boundary is Surat.

Crop Locations:

TUA number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			39.6
			35.5
			67.7
			277
			191
			199
			85.3
			42.5
			183
			67.5
			78.2
			16.3
			99.9
			16.1
			25.9
			140
			168.8



DA Number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			20.2
			70
			107.2
			314
			218.4
			13
			70.6
			241
			56.5
			55.8
			121.2
			38
			56.7
			61.1
			133.1
			84
			25.5
			167
			160.8
			40.4
			46.4
			90.9
			122.1
			76
			146.4
			234.8
			90.1
			341.9
			77
			36
			82.7
			42
			27
			44
			40
			101.7
			439
			96.2
			132.1
			64
			42
			20
			142.5
			110.5
			43.1
			3.6
			95
			40



DIR 022 / 2002 & DIR 023 / 2002 ANNUAL REPORT

POA number	Location Name	Field No./Field crops grown	Area (H)
			42
			336.5
			75
			39.2
			79.7
			156
			110
			117
			41
			125.7
			48
			52
			63
			435.3
			95.5
			29
			118.4
			50.5
			120.8
			187.6
			147.5
			28
			12
			52
			56
			48.8
			21.5
			54
			135
			42.1
			817.6
			119.5
			98.5
			44.2
			180.8
			4.8
			136
			30.4
			54.4
			449
			134.4
			136
			117
			66
			58
			78
			48.7



U/Number	Farm/Unit Name	Fields in which crop grown	Area (Ha)
			208
			38.5
			91.9
			243.9
			271.8
			45.5
			144.1
			39
			101.9
			111.2
			125
			23
			71.2
			187.2
			125
			26
			123.3
			38
			18
			68.3
			127.7
			26.5
			155
			368
			81.6
			134.7
			25.9
			62.6
			52



Valley: Dawson/Callide (QLD)
Boundaries: Includes Taroom, Biloela, Moura and Theodore regions.
Crop Locations:

TLA number	Farm/Unit Name	Fields/ha with crop grown	Area (Ha)
			85.8
			46.8
			201.2
			158.2
			145.6
			155.7
			188
			224
			209.9
			295.7
			128.1
			247
			216
			382.4
			35
			84.4
			8.5
			251
			106.9
			79.3
			30.2
			105
			20
			36
			242.7
			240.2
			24.5



Valley: Dirranbandi (QLD)

Boundaries: Runs north toward St George and includes Lower Plains, follows south along the Balonne River right down to NSW border.

Crop Locations:

PUA number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			9615
			946.7
			430
			231.1
			603.6
			94
			235.8
			228
			290
			78.7
			307.4

Valley: Emerald (QLD)

Boundaries: South-eastern boundary formed by the Expedition Ranges between Rolleston and Bauhinia. Region runs north-west from there to include Emerald and Dysart.

Crop Locations:

PUA number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			358.5
			112
			70.2
			70.4
			87.1
			337
			150
			51
			498
			70.6
			191
			13.5
			57.5
			222.2
			367.1
			171.8



TUA number	Farm Unit Name	Field (in which crops grown)	Area (Ha)
			229.8
			350
			294.6
			207
			229.5
			136.3
			61.6
			39.4
			48.6
			617.8
			145.3
			253.9
			200.9
			181.9
			41.1
			235.4
			63
			76
			92
			27
			263.6
			167.3
			351.3
			92.5
			477

Valley: Gwydir (NSW)

Boundaries: South of Fox Lane, north-west to Garah, west to Collarenebri, south to Bellata. The road that runs east-west through Bellata and to Rowena is the southern boundary.

Crop Locations:

TUA number	Farm Unit Name	Field (in which crops grown)	Area (Ha)
			102.2
			37
			194.9
			207.9
			63.7
			137.7
			151.1
			20
			297
			718.8
			710
			235.1
			84.5



ID Number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			635
			64
			128.7
			142.9
			78.4
			329
			510.2
			78.4
			158.7
			273
			222.2
			842.9
			134.3
			183.1
			35.7
			198
			1317
			78.7
			668.2
			67.4
			126
			601
			518
			177.4
			1010
			12.8
			233.2
			783.5
			230
			1337.9
			1109
			27
			238.4
			108
			200.8
			439.6
			373.7
			65
			352.1
			328
			678.3
			186.2
			142.9



TUA number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			245.6
			441
			297
			166.4
			261.4
			404
			644
			210.7
			99
			173.3
			370.5
			218.9
			181
			111.5
			82
			141.5
			389.4
			84
			1404.2
			254.1
			172.9
			84.3
			308.2
			262.2
			252.4
			227
			189
			75
			129
			150.5
			178
			715.4
			263.7
			359
			49.2

Valley: Lachlan (NSW)

Boundaries: Northern boundary is Peak Hill and Tullamore and the cotton follows the Lachlan River through to Booligal. The southern boundary is the road from Booligal through to Gunbar and then follows the Great Western Hwy through to West Wyalong.

Crop Locations:

TUA number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			188
			299
			147.8
			121.6
			31.2
			2603



B00 B01 B02 B03	
	100
	162.9
	187
	117.5
	61
	354

Valley: Lower Namoi (NSW)

Boundaries: North-west of Baan Baa-Manilla Road and south of Bellata-Rowena Road.
Western boundary is formed by the road that runs from Pilliga via Burren Junction to Collarenebri.

Crop Locations:

U/V number	Farm/Unit Name	Fields in which crops grown	Area (Ha)
			169.2
			115.3
			87.8
			92.6
			121.5
			152.2
			101.7
			86.8
			44.2
			227.8
			107.6
			120.6
			178.3
			60.8
			48.4
			115.1
			358.6
			144.3
			247.7
			177.6
			81
			221
			293.5
			232
		132	
		93.6	
		188.6	
		200	
		186	
		389.9	
		79.9	
		396.5	
		198	
		203.3	

RU Number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			409.1
			92.7
			230.2
			175
			308
			850.9
			104.9
			92.3
			118.7
			56
			244.7
			45
			305.7
			331.1
			129.2
			161.1
			39.9
			212.6
			255.9
			209.4
			55.1
			48.3
			103.7
			3407.9
			250
			136.6
			81.5
			66
			54.4
			186.8
			57.9
			153.9
			183.3
			215
			33
			85.8
			82.3
			129.8
			365.1
			227.6
			185.1
			28.2
			100
			100
			642
			184.5
			258.9



RU Number	Farm Unit Name	Fields in which crops grown	Acres (HA)
			101.4
			69.7
			212.3
			203.2
			204
			319
			507.2
			236.5
			251.5
			96.9
			602.7
			43.9
			67.4
			101.5
			75
			719
			169.5
			42.3
			67
			6.2
			30.1
			22
			85.3
			102.1
			37.3
			101.4
			111.7
			137
			144.4
			127.2
			42.6
			27.5
			45.1
			90.7
			70.2
			28
			230
			157.3
			40
			248.4
			159.2
			294.2
			61.4
			62.4
			54.1
			381
			440



DIR 022 / 2002 & DIR 023 / 2002 ANNUAL REPORT

TUA number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			280.5
			76.4
			106.4
			759.2
			290.5
			307
			30

Valley: Macintyre (NSW / QLD)

Boundaries: North of Gwydir, western boundary is Garah to Talwood Road north to include Moonie and east to include Texas. Southern boundary is Foxes Lane, which runs Garah back to the Newell Hwy and then along to Croppa Creek, Yallaroi and Coolatal.

Crop Locations:

TUA number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			104.2
			95
			97
			65.3
			123.6
			158.2
			390.9
			920.3
			267.2
			268.8
			584
			174
			451.3
			567
			55
			115.2
			64.2
			601.8
			748
			937.7
			42
			326.6
			574.8



TV Number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			576.2
			140.6
			1233.9
			303.6
			374
			79.5
			16.1
			499.8
			493.4
			293.9
			765
			94
			78
			398.2
			95.1
			225.9
			503.2
			823
			90
			396.4

Valley: Macquarie (NSW)

Boundaries: Dubbo and south to Peak Hill. West to Tullamore. North through Tottenham. Nyngan and Coolabah, then east via southern boundary of Walgett shire to Pilliga and then south back to Dubbo via Coonabarabran.

Crop Locations:

TV Number	Farm Unit Name	Fields in which crops grown	Area (Ha)
		2 3 4 5 6 7 8 12	908.9
			87.7
			132.9
			174
			353.2
			291.8
			327.5
			50.4
			101.7
			174.3
			78
			456.5
			69.3
			126

TUA number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			76.5
			37.7
			110
			154.3
			179.2
			70.4
			198.6
			329.9
			93.8
			147
			45
			161.8
			246.2
			81.2
			46.6
			71.1
			184.8
			82
			42
			490
			342.2
			90.1
			158.7
			238.2
			98
			34
			29.9
			50
			118
			57.5

Valley: Mungindi (NSW / QLD)

Boundaries: West of Garah and Boomi Road to Talwood and follows Barwon River south-west of Mungindi towards Collarenebri. Southern boundary is the Watercourse Road from Colly through to Gingham and then to Garah.

Crop Locations:

TUA number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			243.2
			100.5
			440.7
			1825
			1108.7
			630.6
			293.7
			419.3



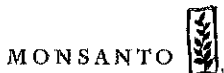
TUA number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			99.4
			267
			105.9
			268.3
			94
			185
			748.5
			683.1
			217.9
			86
			37
			204.4
			232
			577.4
			152
			84

Valley: Murrumbidgee (NSW)

Boundaries: Northern boundary is the Great Western Hwy from West Wyalong through Goolgowi to Gunbar, from Gunbar west to Booligal on the Lachlan River. Downstream of Booligal on the Lachlan and south-west is the Murrumbidgee River.

Crop Locations:

TUA number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			795
			628
			529.2
			124.7
			115
			125.7



Valley: St George (QLD)

Boundaries: Above Lower Plains on the southern side and north-east to include majority of Waroo Shire with the north-east boundary being Surat.

Crop Locations:

CUA number	Farm Unit Name	Plants in which crop grown	Area (Ha)
			162.2
			393.6
			224.1
			360.3
			256.5
			131.3
			33
			324.7
			70.9
			182.5
			32
			26.9
			37.2
			209.3
			71.2
			74
			245.9
			121.6
			282.1
			79
			95.6
			312.6
			247.3
			278.2
			200
			20
			241.4
			204.5
			156
			105
			134.3
			253.5
			33
			29.7
			83
			145.7
			104.5



Valley: Tandou (NSW)
Boundaries: Farms based on Lake Tandou.
Crop Locations:

UFA number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			480

Valley: Upper Namoi (NSW)
Boundaries: South-east of Baan Baa-Manilla Road. Includes Coolah, Merriwa, Mullaley, Gunnedah and Quirindi.
Crop Locations:

UFA number	Farm Unit Name	Fields in which crops grown	Area (Ha)
			510.6
			173.3
			502.5
			295.6
			333.4
			173
			572.7
			222.2
			144.6
			718.9
			43.8
			152
			215.2
			309.7
			159.8
			175
			71.8
			405.9
			83.5
			22.1
			232.6
			178
			26.4
			125.5
			114.5
			460.2
			220
			145.6
			391.6
			31.8
			88.1



TUA number	Farm Unit Name	Fields in/Fields cropped grown	Area (Ha)
			258.1
			102
			135.2
			39.4
			245.3
			375.3
			219.6
			68.3
			1334.5
			150.8
			40.5
			109.3
			205.5
			108.6
			58.6
			273.7
			39
			32.4
			81.5
			114.7
			134.5
			29.5
			63.7
			34

Valley: Walgett (NSW)

Boundaries: Includes almost entirety of Walgett Shire, with eastern boundary being the road that runs south from Collarenebri to Burren Junction.

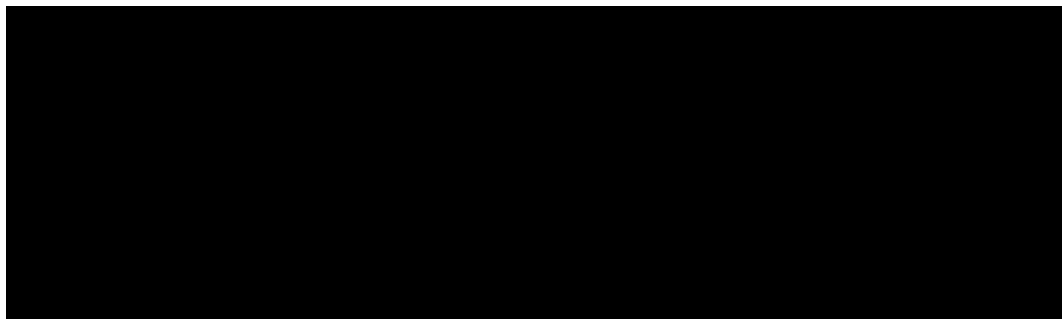
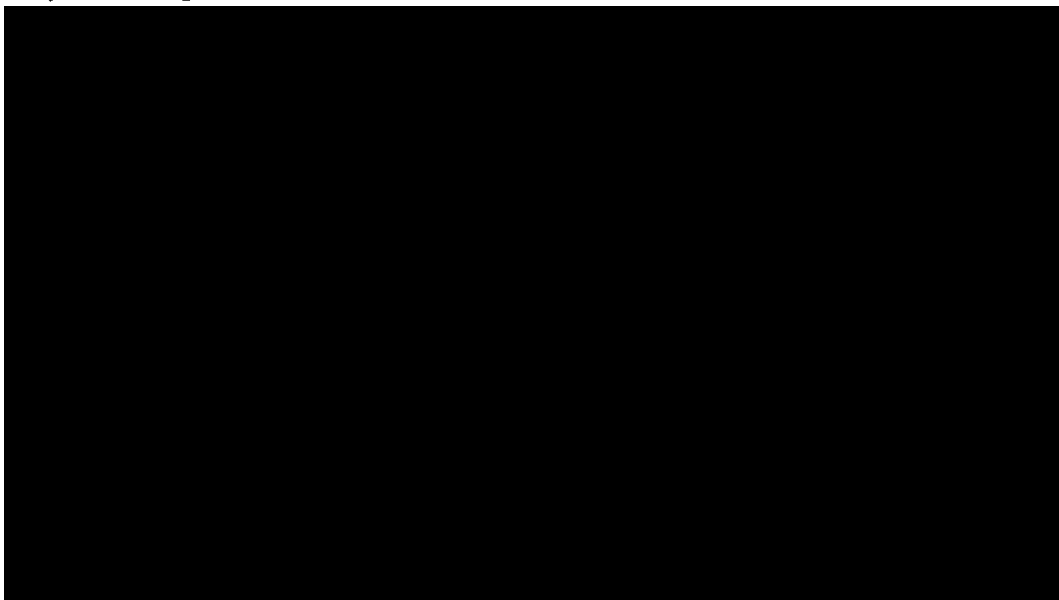
Crop Locations:

TUA number	Farm Unit Name	Fields in/Fields cropped grown	Area (Ha)
			413
			117.7
			319.1
			154.3
			2406.2
			220
			114.9
			72.8
			153.6
			74.3
			109.2
			297
			303



3. Transport and use of GM whole cotton seed in the Restricted Zone

i) Background





221

