



## Signatory Name: Monsanto Australia Limited

*The question numbers in this report refer to the numbers in the report template. Not all questions are displayed in this report.*

Status: Complete

The content in this APC Annual Report is hereby endorsed by the Chief Executive Officer, or equivalent officer of the organisation.

Yes

**5. Industry sector** (please select 1 only):

- Brand Owner / Wholesaler / Retailer
- Packaging Manufacturer
- Waste Management
- Other - Commercial Organisation
- Community Group
- Industry Association
- Government
- Raw Material Supplier
- Other:

**6. Industry type** (please select 1 only):

- Food & Beverage
- Pharmaceutical / Personal Care / Medical
- Hardware
- Homewares
- Communications / Electronics
- Clothing / Footwear / Fashion
- Chemicals / Agriculture
- Fuel
- Large Retailer
- Tobacco
- Shipping Company
- Airline
- Other:

**7. Please indicate your organisation's reporting period:**

- Financial Year: 1 July 2014 – 30 June 2015
- Calendar Year: 1 January 2015 – 31 December 2015

**8. Was your action plan extended or updated to cover the APC transitional year (01/07/2015 -30/06/2016)?**

- Yes
- No

If yes, what is the period of your extended or updated action plan?

Start Date:

End Date:

**Goal 1: Design**

**KPI 1: % of signatories with documented policies and procedures for evaluating and procuring packaging using the SPGs or equivalent.**

9. Does your company have documented policies and procedures for evaluating and procuring packaging using the SPGs or equivalent?

Yes  No

Provide details of policies and procedures

Now that responsibility for specifying and purchasing consumer packaging for the lawn and garden products has moved to Europe from Asia, a revision of the Packaging Guidelines and Packaging Checklist is underway by the European Office. However, the existing Guidelines and Checklist remains in place.

10. Of the types of packaging **existing at the beginning of the reporting period**, what percentage had been reviewed using the Sustainable Packaging Guidelines (SPG) by the end of the reporting period?

%

11. Have any new types of packaging been introduced during the reporting period?

Yes  No

12. If yes, of the **new types of packaging introduced during the reporting period**, what percentage have been reviewed using the Sustainable Packaging Guidelines (SPG) by the end of the reporting

%

13. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 1

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	Integrate SPG requirements into existing documented packaging policy and procedures.	Responsibility for specifying and purchasing consumer packaging used by Monsanto Australia now resides with Monsanto's European Office. The Packaging Guidelines and Packaging Checklist is under revision by the European Office. However, the existing Guideline and Checklist remains in place.
2.	Review all <b>new</b> packaging using the SPG assessment process.	There was no new packaging introduced in 2015.
3.	Review all <b>existing</b> packaging using the SPG assessment process.	Five SPG assessments have been conducted, representing 100% of the packaging placed on the Australian market.
4.	Inform Monsanto Head Office of Monsanto Australia's obligations and commitments as a signatory to the APC.	During the year, the Lawn & Garden Business Support Manager presented to relevant Head office staff in Europe regarding Monsanto Australia's APC obligations, including the need to conduct SPG assessments. Ongoing communication about packaging matters occurs via email.
5.	Liaise with our European based Manufacturing & New Product Design section to discuss Monsanto Australia packaging requirements and APC obligations, including any trials of modified packaging.	Packaging is always designed in accordance with customer specifications. Monsanto R&D department advises the customer about the size and weight reduction opportunities of the packaging.  The latest improvements in packaging design for the Pump and Go products has seen a 15% reduction in the weight of the plastic bottle.

6.	Use of a cloud based centralised database by Monsanto staff to manage SPG and APC obligations.	A secure, cloud based, tool stores all SPG assessments conducted by Monsanto Australia to date. Our APC contact officer has provided access to approved staff in Europe involved in supporting Monsanto Australia's APC and SPG commitments, enabling ongoing review and updating of information for each SPG assessment in one shared file.
7.	Document and report any actual or attempted changes to packaging identified as part of reviews or otherwise, where possible including quantifiable data.	The refill packs to be used with the Roundup Pump refillable containers or the consumers' own sprayers means a lot less plastic ends up in the waste stream (>50% reduction).

**14. Describe any constraints or opportunities that affected performance under this KPI**

Five SPG assessments have been conducted, representing 100% of the packaging placed on the Australian market.

Access to a secure, cloud-based, management tool has been made available to relevant staff in Europe. This means that staff can review and update information for each SPG assessment in one shared file.

Recent design improvements have seen a 15% reduction in the weight of the packaging for the Pump and Go product. This equates to over 300 tonnes of plastic saved based on world-wide sales.

**Goal 2: Recycling**

**KPI 3: % signatories applying on-site recovery systems for used packaging.**

**15. Do you have on-site recovery systems for recycling used packaging?**

- Yes at all facilities/ sites
- Yes at some, but not all facilities/ sites
- No

**16. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 3**

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	Request information about onsite recovery systems and operations at our European manufacturing site, via the European based Manufacturing and Design section.	At the European manufacturing site: <ul style="list-style-type: none"> <li>• Intermediate bulk containers are collected for reconditioning.</li> <li>• Bottles that have contained UN / non-UN regulated material are collected separately.</li> <li>• Non-contaminated cardboard is collected for recycling.</li> <li>• Plastic foil and stretch foil from empty packaging is baled for recycling.</li> <li>• Damaged pallets are collected for recycling.</li> <li>• The switch from CP-pallets to EURO-pallets has resulted in a 100% recycle system.</li> </ul>
2.	Determine the onsite waste and recycling procedures of our Australian 3rd party logistics provider.	Our 3rd Party Logistics provider recycles onsite waste where applicable and uses a waste/recycling contractor which has ISO 9000 and ISO14001 accreditation.
3.	Install and manage on-site recycling facilities in all staff areas including kitchens and office areas.	At our Head office in Melbourne, we occupy office space in a building that we share with other tenants, run by a third party property manager.  There are facilities available to staff to recycle office paper and cans.  We also recycle printer cartridges through the company we use to provide our printers which also holds ISO14001 certification.

17. Describe any constraints or opportunities that affected performance under this KPI

Our European manufacturing site has a number of initiatives in place to recycle various waste streams. The waste management contractor that it engages is a company which specialises in waste collection with corporate social responsibility woven into the fabric of its company strategy and organisation.

Our third party logistics provider uses a waste/recycling company that is ISO 14001 accredited, mapping out a framework that this company must have in place to set up an effective environmental management system.

While we are limited as to what we can achieve in the shared office facility that we occupy, we do send office paper and aluminium cans for recycling by the property manager. As well we recycle our cartridges through the printer company we use which also holds ISO14001 certification.

**KPI 4: Signatories implement formal policy of buying products made from recycled packaging.**

18. Does your company have a formal policy of buying products made from recycled packaging?

- Yes  No

Please explain why not

Now that operations have moved to Europe from Asia, a revision of the Packaging Guidelines and Packaging Checklist is under review by the European Office.

19. Is this policy actively used?

- Yes  No

20. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 4

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	Implement a formal policy of buying packaging made with recycled content.	<p>Now that operations have moved to Europe from Asia, a revision of the existing Packaging Guidelines and Packaging Checklist is under review by the European Office. This includes the purchase of products and materials with recycled content wherever deemed practicable and environmentally beneficial.</p> <p>However, in meeting certain APVMA guidelines in relation to minimising the risk of cross contamination, we use virgin resin when it comes to packaging that comes into contact with our product.</p> <p>The cardboard cartons used for secondary containment has between 79-100% recycled material, depending primarily on the pack size and load requirements.</p>
2.	Implement a Buy Recycled Policy for Monsanto Australia (Office).	While we have no formal guideline to purchase office consumables with recycled content, we still aim to buy items that have recycled content, provided there is no difference in terms of quality or value for money.
3.	Identify and make use of opportunities to purchase items with increased recycled content for office use.	We purchase folders for office use that have 80% recycled content. As well, we purchase office paper that is FSC accredited from a company that is a member of the APC.

**21. Describe any constraints or opportunities that affected performance under this KPI**

A revision of the current Packaging Guidelines and Packaging Checklist, which included the purchase of products and materials with recycled content, wherever deemed practicable and environmentally beneficial, is under review by the European Office.

In our own office operations, we purchase folders that have 80% recycled content and the office paper is FSC accredited and made by a company that is a member of the APC.

The cartons used for secondary containment of our products is between 79-100% recycled material, depending primarily on the pack size and load requirements.

**Goal 3: Product Stewardship**

**KPI 6: % signatories with formal processes to work collaboratively on packaging design and / or recycling.**

**22. Does your company have formal processes in place for collaborating with other companies or organisations on improved packaging designs and/or recycling which aims to reduce or eliminate waste?**

Yes  No

Provide details of policies and procedures (including names of policies/ procedures)

We are engaging with our European Head Office to facilitate completion of five SPG questionnaires which represent 100% of our packaging.

This includes the European Office being given access to a secure, cloud based, tool that stores all SPG assessments, enabling ongoing review and updating of information for each SPG assessment in one shared file between Australia and Europe.

**23. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 6**

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	Engage with global headquarters to ensure existing products meet the SPG requirements.	<p>The Lawn &amp; Garden Business Support Manager in Australia has presented to the European office about Monsanto Australia's obligations as a signatory to the APC. This includes the need to complete SPG assessments of packaging placed on the Australian market. However, we are aware that many of the SPG requirements will already be met as the packaging has been designed to meet European standards.</p> <p>The European Office has been given access to a secure, cloud based, tool that stores all SPG assessments. This enables the ongoing review and update of SPG information between Australia and Europe in one shared file.</p>
2.	Liaise with the European Head Office to ensure that Monsanto Australia is a recipient of any international sustainability practices, including around packaging design and/or recycling.	<p>Refill packs to be used with the Roundup Pump refillable containers or the consumers' own sprayers means a lot less plastic ends up in the waste stream (&gt;50% reduction).</p> <p>Design improvements for the Pump and Go plastic bottle have seen a 15% reduction in the weight of the main plastic container.</p>
3.	Regular contact with our 3rd party warehouse and logistics provider regarding its waste recovery and recycling procedures.	We have regular contact with our 3rd Party Logistics provider regarding their distribution services and ensure that the company is aware of our APC obligations and where they can support the goals of the APC.

**24. Describe any constraints or opportunities that affected performance under this KPI**

The Lawn & Garden Business Support Manager in Australia has presented to representatives in the European office about Monsanto Australia's obligations as a signatory to the APC, including the need to complete SPG assessments.

The manager also has monthly phone calls with the European office around new product development.

The introduction of the 2.5litre refill pack for the Pump and Go product, promotes the re-use of the Pump and Go container, including all its components, resulting in a lot less plastic ending up in the waste stream

As well, the re-design of the 5L Pump and Go packaging resulted in a 15% reduction in the weight of plastic packaging required to contain the Roundup product.

Our ongoing contract management meetings with our 3PL provider includes informing them of our APC obligations and determining their practices and procedures when it comes to their onsite recycling practices. The 3PL has also informed us that they are considering the possibility of participating in a community clean-up event in 2016.

**KPI 7: % signatories showing other Product Stewardship outcomes.**

**25. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 7**

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	Liaise with the Monsanto Head Office to identify broader sustainability and product stewardship initiatives that Monsanto Australia could participate in as part of the Monsanto Group.	<p>Since 2012, Monsanto has adopted the Global Reporting Initiative (GRI) reporting framework. As we communicate our APC obligations to Monsanto's European Office, we hope to have input to the annual global Sustainability Report that follows the GRI reporting principles.</p> <p>In January 2015, the European manufacturing site became the first chemical company in Belgium to receive the European Water Stewardship (EWS) gold-level certificate from the European Water Partnership.</p> <p>The EWS certificate, developed by the European Water Partnership, rewards the efforts of companies in the area of sustainable water management. Monsanto is the first company in Flanders, and the first in the chemical sector in Belgium, to obtain a gold-level EWS certificate, the highest recognition awarded. Water management at Monsanto's Antwerp site was assessed against the EWS Protocol by an independent verifier.</p>
2.	Support local product stewardship initiatives.	<p>In association with charities including the Salvation Army and St Vincent De Paul, staff at Monsanto Australia, have provided money and gifts for the <i>Adopt a Family this Christmas</i> program which delivers gifts and food hampers to the disadvantaged on Christmas day.</p> <p>As well, office staff donate blood twice a year to the Red Cross.</p> <p>Through the Monsanto Fund, Monsanto Australia supports the Aussie Cotton Farmers Grow Communities grant program, in partnership with the Foundation for Rural &amp; Regional Renewal (FRRR), which aims to help support local communities in cotton growing regions.</p>

3.	Maintain ISO 14001 certification and environmental management system across all applicable sites.	<p>In publishing Monsanto's Environmental Management Guidelines for its global operations, Monsanto has stated that it will implement environmental management systems (e.g., ISO 14001) at all large chemical manufacturing facilities and smaller facilities as appropriate.</p> <p>The European manufacturing site where the Roundup® is manufactured and then exported to Australia has ISO14000 accreditation until November 2016.</p> <p>As well, the suppliers of materials to the main manufacturer of our plastic packaging in Europe have ISO 14001 systems in place.</p>
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26. Since the beginning of the reporting period, has your company had any other outcomes related to product stewardship?

Yes  No

If yes, please give examples of other product stewardship outcomes

Staff at Monsanto Australia provide money and gifts for the *Adopt a Family this Christmas* program which provides gifts and food hampers to the disadvantaged on Christmas day. As well, office staff donate blood twice a year to the Red Cross.

Monsanto Australia supports the Aussie Cotton Farmers Grow Communities grant program, which aims to help support local communities in cotton growing regions.

The main European manufacturing plant has ISO14000 accreditation until November 2016. Our main supplier of plastic bottles, is implementing ISO14001 standards related to its operations.

27. Describe any constraints or opportunities that affected performance under this KPI

Office staff at Monsanto Australia support a charity that helps disadvantaged families at Christmas time. As well, some donate blood to the Red Cross.

More broadly, as Monsanto Australia engages with the European office over its APC obligations, we hope to have input to the annual Sustainability Report that follows the GRI reporting principles, as well as identify GRI outcomes that impact on Monsanto Australia operations.

**KPI 8: Reductions in packaging items in the litter stream.**

28. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 8

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	Ensure appropriate messaging is included on our major forms of packaging to encourage users to dispose of packaging responsibly.	<p>The disposal of Roundup packaging must conform to the requirements of the Australian Pesticides and Veterinary Medicines Authority (<a href="http://www.apvma.gov.au">www.apvma.gov.au</a>) and the labels have the following message: "Dispose of empty container by wrapping in paper, placing in a plastic bag and putting in the garbage".</p> <p>The availability of a simple refill bottle for the Pump &amp; Go range will result in the re-use of the Pump and Go packaging, reducing the need to purchase the Pump &amp; Go product and various pump-related components.</p>
2.	Manage litter in staff break areas in the Monsanto Australia office.	Waste and recycling bins are available to all office staff to maximise recycling, while minimising the potential for littering.

3.	Determine the onsite litter management practices of our European manufacturing plant.	<p>As a result of communicating with our European contacts, we have determined that the European manufacturing site, in meeting both its ISO 14001 and OH&amp;S obligations, has operating procedures in place that encourage proper maintenance of their facilities as a working environment.</p> <p>This includes regular site litter patrols to ensure that no materials are left lying around that can become a litter hazard.</p>
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**29. Describe any constraints or opportunities that affected performance under this KPI**

We have determined that the European manufacturing site, in meeting both its ISO 14001 and OH&S obligations, and has operating procedures in place to ensure that no materials are left lying around that can become a litter hazard.

At our Australian head office, waste and recycling bins are available to all office staff to maximise recycling, while minimising the potential for littering.

Due to the chemical contents, we have labels on the packaging with the following message: "Dispose of empty container by wrapping in paper, placing in a plastic bag and putting in the garbage". Although non-recyclable, we do aim to ensure the general public dispose of our packaging responsibly to minimise the opportunity of it becoming litter.

**Your Experiences**

This section lets you share with us any achievements, good news stories and areas of difficulties in making progress against your plan and the Covenant goals and KPIs.

**30. Key achievements or good news stories**

With the announcement in the middle of 2015 that the current APC will be extended for another year to 30th June 2016 and since our existing Action plan has expired, we have developed a transitional plan which will enable us to continue to meet, and build on, our signatory obligations. This should place us in a strong position to develop the necessary plans and activities in response to the new Covenant when it comes into force in the second half of 2016.

Five SPG assessments have been conducted, representing 100% of the packaging placed on the Australian market.

During the year, the Lawn & Garden Business Support Manager in Australia presented to relevant Head office staff in Europe regarding Monsanto Australia's APC obligations, including the need to conduct SPG assessments.

A secure, cloud based, tool stores all SPG assessments conducted by Monsanto Australia to date. Our APC contact officer has provided access to approved staff in Europe involved in supporting Monsanto Australia's APC and SPG commitments, enabling ongoing review and updating of information for each SPG assessment in one shared file.

There are various onsite recovery systems and operations in place at our European manufacturing site including the Intermediate Bulk Containers being collected for reconditioning and plastic foil and stretch foil from empty packaging baled for recycling.

Now that operations have moved to Europe from Asia, a revision of the existing Packaging Guidelines and Packaging Checklist by our European based Manufacturing & New Product Design section is underway. This includes the purchase of products and materials with recycled content wherever deemed practicable and environmentally beneficial.

In association with charities including the Salvation Army and St Vincent De Paul, staff at Monsanto Australia have provided money and gifts for the *Adopt a Family this Christmas* program which delivers gifts and food hampers to the disadvantaged on Christmas day.

**31. Areas of difficulties in making progress against your plan, Covenant goals or KPIs**