



RIVERINA
WINEMAKERS
ASSOCIATION

Used Packaging and Recycling Guide

FOR THE RIVERINA WINE INDUSTRY

"WASTE = LOST PRODUCTIVITY = LOST \$\$\$s", RWA

This Used Packaging Recycling Guide is published as part of the 2005 Solid Waste Stream project supported jointly by the Riverina Winemakers' Association and the Grape and Wine Research Development Corporation Regional Innovation and Technology Adoption (RITA) program.

The guide has been produced to assist Riverina wineries at all levels of staffing with used packaging management. It clearly defines the item of packaging, it's recommended handling within the Riverina region and companies or organisations which may be of assistance. We trust this guide helps to improve company's used packaging and recycling management and thus the sustainability of the Riverina wine industry.

As part of recycling and preferred purchasing strategies, wineries may wish to refer to the waste heirarchy below as a guide to improved environmental management.

For further information please contact:

Jo Polkinghorne

PO Box 67,
Lake Wyangan
NSW 2680

E: jo.polkinghorne@bigpond.com

P: 02 6964 3804

M: 0428 647434



NO.	PRODUCT	DESCRIPTION	RECOMMENDED HANDLING	CONTACT DETAILS
1	Glass	Wine Bottles – various sizes	Recycle – using bins provided by recycling company. Implement staff training in-house or via TAFE Resource Material Management courses. Appoint staff member to be responsible for recycling management. Do not contaminate by mixing glass colours or by co-mingling other waste including floor sweepings, broken mugs, cigarette packets, stones etc. For a fee, cages specifically for glass recycling can be hired from Griffith Recycling. They can also provide a collection service.	<p>Griffith Recycling Mooreville Industrial Estate Griffith, NSW 2680 Tel: 02 6962 7552</p> <p>Visy Recycling Murray Crystal 46-48 Dohertys Road Laverton Victoria 3028 Tel: 03 9369 7477</p> <p>TAFE Food and Wine Centre Neville Place, Griffith, 2680 Tel: 02 6962 0454</p>
		Wine Bottles – tip outs	Recycle glass. Wine should be tipped out by hand, on site, into trade waste water collection system i.e. not directly into town waste water/sewer system. Griffith Recycling will provide bins to stack empty bottles into and will collect for a fee. From 2007 Griffith Recycling will provide a complete tip-out and glass recovery disposal service specifically for this purpose.	<p>Griffith Recycling Mooreville Industrial Estate Griffith, NSW 2680 Tel: 02 6962 7552</p> <p>Visy Recycling Murray Crystal 46-48 Dohertys Road Laverton Victoria 3028 Tel: 03 9369 7477</p>
2	Cardboard	Boxes – various sizes	Recycle – using bins provided by recycling company. Implement staff training in-house or via TAFE Resource Material Management courses. Appoint staff member to be responsible for recycling management. Do not contaminate with other materials such as plastics. For a fee, cages specifically for cardboard recycling can be hired from Griffith Recycling. They also provide a collection service.	<p>Griffith Recycling Mooreville Industrial Estate Griffith, NSW 2680 Tel: 02 6962 7552</p> <p>Visy Recycling – Tumut Local agent is Joe Catanzariti Tel: 6962 6882</p> <p>TAFE Food and Wine Centre Neville Place, Griffith, 2680 Tel: 02 6962 0454</p>

NO.	PRODUCT	DESCRIPTION	RECOMMENDED HANDLING	CONTACT DETAILS
3	Wooden Pallets	Damaged rental, non rental or one-way pallets	<p>Woodchip – need quantities of at least +/- 1000 pallets (and staves if they have been stored) at one site. Processing of pallets and/or staves is \$24 per tonne. This is a similar price to landfill (\$25 per tonne). However, Lovick will come on site, shred, collect and remove with no extra labour involved (Visy will pay for the cost of transporting chips to Tumut). Costings to remove to landfill need to include labour and transport. If quantities of pallets are low an establishment cost needs to be negotiated with Lovick or wineries can work together to store pallets at single site. This is the preferred method of handling as the chips are taken to Visy Tumut for use as an energy source. Contact John Lovick. Alternatively, broken Chep or Loscom pallets can be recycled by returning to Chep or Loscom or by contacting Ron Gatty who will remove at no cost – he is not interested in light weight one way pallets. Do not burn. Griffith Landfill is recommended option as they arrange for Lovick to woodchip at their site.</p>	<p>John Lovick Tel: 0418 288995 Johnlovick@netconnect.com.au</p> <p>Ron Gatty Pelican Shores Lake Wyangan Tel: 0418 230414</p> <p>Chep Customer Service Tel: 13 24 37 Wagga Wagga Tel: 02 6931 7310 www.chep.com</p> <p>Loscom Pty Ltd Loscom Pty Ltd 10 Banna Avenue Griffith, NSW 2680 Tel: 02 6964 5748</p>
4	Rewind Labels	<p>Backing from labels on wine bottles</p> <p>Unused or unwanted labels attached to rewind</p>	<p>Recycle – using bins provided by recycling company. Implement staff training in-house or via TAFE Resource Material Management courses. Appoint staff member to be responsible for recycling management. Do not contaminate with other materials such as plastics. For a fee, cages specifically for cardboard recycling can be hired from Griffith Recycling. They also provide a collection service. For security reasons it is recommended that labels are destroyed using Griffith Recycling's Confidential Document Destruction service. Cost is 85cents a kilo. Alternatively they may be placed in general cardboard recycling. Avoid landfill. South Australian recycling company Collex Pty Ltd will recycle rewind and labels but transport must be paid to Adelaide.</p>	<p>Griffith Recycling Mooreville Industrial Estate Griffith, NSW 2680 Tel: 02 6962 7552</p> <p>TAFE Food and Wine Centre Neville Place, Griffith, 2680 Tel: 02 6962 0454</p> <p>Collex Pty Ltd Ken Chernabaeff Tel: 08 8203 3636 Mob: 0418 833661 www.collex.com.au</p>

NO.	PRODUCT	DESCRIPTION	RECOMMENDED HANDLING	CONTACT DETAILS
5	Plastics	Shrinkwrap Plastic liners <i>(Plastics must be kept in single-streams for recycling and must be low level or non-contaminated)</i>	Recycle – this product can be taken locally by Griffith Recycling who will pay a fee for it but plastics must not be contaminated in any way. For large quantities contracts can be arranged with recycling companies listed. They will supply a baler/compressor and pay +/- 25 cents a kilo for the product. Staff training required. Avoid landfill.	Griffith Recycling Mooreville Industrial Estate Griffith, NSW 2680 Tel: 02 6962 7552 Replas Agent is The Go Green Group Contact: Bert Meyer Tel: 02 9632 7475/0412 997426 Plastics Granulating Services Matthew Fahey, PGS 2-30 Blackburn Street, Kilburn, SA 5084 Tel: 08 8359 1111
6	Plastics	Containers or drums 20kg + <i>(Plastics must be kept in single-streams for recycling and must be low level or non-contaminated)</i>	Recycle – drums must be triple-rinsed. See www.environment.nsw.gov.au/chemicals/index.htm for instructions or www.drummuster.com.au . It is recommended drums be stacked on a pallet and held in place using shrinkwrap or stored in a skip or cage. Implement staff training in-house or via TAFE Resource Material Management courses. Appoint staff member to be responsible for recycling management. Recommended handling is to use FREE DrumMuster program which at Griffith Landfill operates every Monday – book in advance on 6963 6491. Or call Leeton Shire Council on 6953 2611 for collection dates and times. Councils will now take most drums particularly those marked Agsafe or with DrumMuster stickers. Or Kurrajong Recyclers will collect larger loads for a cost of 15% less than landfill. For a minimum pick-up of 1000 drums Howlong Trading Company will collect on-site.	DrumMuster Griffith Council – Tel: 02 6962 8100 Leeton Council –Tel: 02 6953 2611 www.drummuster.com.au www.environment.nsw.gov.au/chemicals/index.htm Kurrajong Recyclers Geoff Pym 57 Chaston, Wagga Wagga Tel: 02 6925 5004 Gpym@kurrajongwaratah.org.au TAFE Food and Wine Centre Neville Place, Griffith NSW 2680 Tel: 02 6964 0454 Howlong Trading Co Roly Brown Tel: 02 6026 5711 Mob: 0419 239 555

NO.	PRODUCT	DESCRIPTION	RECOMMENDED HANDLING	CONTACT DETAILS
7	Oak Chips/ Staves/ Stalks	Chips or staves used in wine for flavouring	Recycle – used for mulch. Can be delivered to or collected by Soilwise – wineries need to discuss financial arrangements with Soilwise but approximate collection is \$10 per tonne plus handling charges. Alternatively for large amounts that can be co-mingled with pallets – call John Lovick.	Soilwise Pty Ltd Greg Cameron (Director) P O Box 831, Leeton, 2705 Tel: 02 6953 6677 Mob: 0417 322 369 John Lovick Tel: 0418 288995 Johnlovick@netconnect.com.au
8	Bulkier bags	One tonne bags used to carry chemicals such as DE and perlite	Recycle – Bags should be thoroughly shaken to reduce contamination. Implement staff training and appoint staff member to be responsible for recycling management. Bags should be folded, stacked on a pallet and wrapped in plastic. Recommendation is to use a supplier who uses returnable bags. Avoid landfill.	Kurrajong Recyclers Geoff Pym Tel: 02 6925 5004/0427 429659 57 Chaston Street Wagga Wagga, NSW 2650 Your Suppliers
9	Steel drums	Drums – +/- 200 lt	Reuse or Recycle – Drums should be triple-rinsed if required. Implement staff training and appoint staff member to be responsible for recycling management. Recommended handling is to use FREE DrumMuster program which at Griffith Landfill operates every Monday – book in advance on 6963 6491. Or call Leeton Shire Council on 6953 2611 for collection dates and times.	DrumMuster Griffith Council – Tel: 02 6962 8100 Leeton Council – Tel: 02 6953 2611 www.drummuster.com.au www.environment.nsw.gov.au/chemicals/index.htm
10	Stockinettes	Polypropolene plastic woven bag that oak chips are supplied in	Recycle – can be taken by plastics recycling companies if they are sealed or tied by heat or with same polymer as the woven bag. Avoid landfill. Contact plastic recycling companies direct.	Collex Pty Ltd Ken Chernabaeff Tel: 08 8203 3636/0418 833661 www.collex.com.au Plastics Recyclers International Ross Mallett Mob: 0408 843897 www.plasticrecyclers.com.au

NO.	PRODUCT	DESCRIPTION	RECOMMENDED HANDLING	CONTACT DETAILS
11	Office Paper	Office Paper - A4 and A3 general office paper and photocopy paper	Recycle – use Visy desk and floor bins for waste paper management. These are available to all wineries who recycle their cardboard and use Griffith Recycling. Contact Bronwyn at Visy on 02 9794 3076 to obtain boxes. Appoint cleaners or staff member to be responsible for placing waste paper in a general cardboard box, which should be sealed before placing in normal cardboard recycling (so as to avoid having loose paper in the recycling cages). Improve your environmental performance in the office by following DEC's WRAPP Program. For confidential documents Griffith Recycling offer a Confidential Document Destruction service at 85 cents a kilo. For handling instructions and bags to collect the documents contact Griffith Recycling. They can collect for a fee.	<p>Griffith Recycling Mooreville Industrial Estate Griffith, NSW 2680 Tel: 02 6962 7552</p> <p>Visy Recycling Murray Crystal 46-48 Dohertys Road Laverton Victoria 3028 Tel: 03 9369 7477</p> <p>Department of Environment and Conservation (NSW) WRAPP Office Waste Assessment Toolkit and Fact Sheets www.epa.nsw.gov.au/education/SPD_WRAPP.htm</p>
12	Paper bags	Kraft paper bags that chemicals are supplied in – 10 to 25 kg size	Recycle – Non-contaminated bags can be recycled as part of normal cardboard recycling. Recommendation is to use alternative reusable packaging where recycling is not possible - liaise with your suppliers. Avoid landfill.	<p>Griffith Recycling Mooreville Industrial Estate Griffith, NSW 2680 Tel: 02 6962 7552</p> <p>Visy Recycling Murray Crystal 46-48 Dohertys Road Laverton Victoria 3028 Tel: 03 9369 7477</p> <p>Your Suppliers</p>
13	Paper outer/ plastic inner bags	Kraft paper bags with plastic liners that chemicals are supplied in – 10 to 25 kg size	Recycle - Bags should be separated from liner and recycled in cardboard recycling if contamination levels are low. Plastic (if not highly contaminated) can go in shrinkwrap recycling. Avoid landfill. Recommendation is to use alternative reusable or recyclable packaging where possible – liaise with your suppliers.	<p>Griffith Recycling Mooreville Industrial Estate Griffith, NSW 2680 Tel: 02 6962 7552</p> <p>Your Suppliers</p>

NO.	PRODUCT	DESCRIPTION	RECOMMENDED HANDLING	CONTACT DETAILS
14	Woven outer/ plastic inner	Woven outer sack with plastic liner	Avoid landfill. Recommendation is to use alternative reusable or recyclable packaging or purchase in bulk. Liaise with your suppliers. According to Collex recycling company they can recycle these bags which do not need to be separated and can have low levels of contamination. Bags can be transported to Collex at wineries' expense.	Kurrajong Recyclers Geoff Pym Tel: 02 6925 5004/0427 429659 57 Chaston Street Wagga Wagga, NSW 2650 Collex Pty Ltd Ken Chernabaeff Tel: 08 8203 3636/0418 833661 www.collex.com.au
15	Outer box/ plastic inner	Cardboard box with plastic liners that chemicals are supplied in	Recycle cardboard box in normal recycling bin. If non-contaminated, plastic liner can be recycled with shrinkwrap recycling. Avoid landfill.	Griffith Recycling Mooreville Industrial Estate Griffith, NSW 2680 Tel: 02 6962 7552 Visy Recycling Murray Crystal 46-48 Dohertys Road Laverton Victoria 3028 Tel: 03 9369 7477
16	Outer box/ plastic inner	Cardboard box with foil inner that chemicals are supplied in	Recycle cardboard box in normal recycling bin. Work with suppliers to use alternative packaging to foil inners.	Griffith Recycling Mooreville Industrial Estate Griffith, NSW 2680 Tel: 02 6962 7552
17	Filter pads or cartridges	Pads or cartridges used to filter wine	It is possible to recycle cartridges but the parts have to be separated by the wineries. At this point it is not feasible for Cuno or anyone else to set up a recycling depot in Griffith due to low numbers and high transport costs. However, cartridges can be transported to Cuno or Plastic Recyclers once metal has been removed at wineries' expense. Filter Pads can be accepted by Griffith Recycling. Contact them directly for handling details. Filter pads should be stored in a separate cage to cardboard recycling. Avoid landfill.	Cuno Pacific Pty Ltd Guy Cockburn 140 Sunnyhold Road Blacktown NSW 2148 Tel: 02 8825 3535 Mob: 0419 207284 Email: gcockburn@cuno.com.au Or www.cuno.com.au Griffith Recycling Mooreville Industrial Estate Griffith, NSW 2680 Tel: 02 6962 7552 Plastic Recyclers International Ross Mallett Mob: 0408 843897 www.plasticrecyclers.com.au

NO.	PRODUCT	DESCRIPTION	RECOMMENDED HANDLING	CONTACT DETAILS
18	Chemicals	All unwanted or out-of-date chemicals and their containers	<p>Avoid using Landfill or in house trade waste water or council sewer system. Use a chemical resource recovery service such as Chemsal or Chemclear. Bookings for Chemclear collection can be made through their website. For EPA guidelines on handling chemicals see: www.environment.nsw.gov.au/chemicals/index.htm</p> <p>Use DrumMuster (see item 6) www.drummuster.com.au</p>	<p>Chemsal Pty Ltd Chemsal Pty Ltd 83 Dohertys Road, Laverton, North Victoria 3026 Tel: 03 9369 4222 Email: enquiries@chemsal.com.au Or www.chemsal.com.au Tel: 1800 008182</p> <p>Chemclear www.chemclear.com.au</p> <p>EPA Guidelines for chemical handling www.environment.nsw.gov.au/chemicals/index.htm</p> <p>DrumMuster www.drummuster.com.au</p>
19	Waste oil	Unwanted machinery oil	Recycle – Griffith Recycling provide a waste oil collection service. Contact Griffith Recycling direct for details.	<p>Griffith Recycling Mooreville Industrial Estate Griffith, NSW 2680 Tel: 02 6962 7552</p>
20	Wine bladders	Spent wine bladders	Recycle – contact Plastics Recyclers International for handling instructions. Avoid landfill.	<p>Plastic Recyclers International Ross Mallett Mob: 0408 843897 www.plasticrecyclers.com.au</p>
21	Printer, Fax, Photocopier Cartridges	Unwanted office machinery cartridges	Recycle. Cartridges can be taken to Australia Post. Reuse and refill existing cartridges where possible at Cartridge World. Avoid landfill. For further information see PlanetArk website for their cartridge recycling program.	<p>Australia Post 245 Banna Avenue, Griffith NSW 2680 Tel: 02 6961 8913</p> <p>PlanetArk www.planetark.com/cartridge</p> <p>Cartridge World 121 Banna Avenue, Griffith NSW 2680 Tel: 6964 7222</p>