



RECYCLING SOLUTIONS FOR FARMERS

Collection period 1st July 2015 to 30th June 2016.

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Plasback is an accredited Product Stewardship scheme by the Minister for the Environment.

Welcome to the annual Plasback “end of term” report for the 12 month period ending June 2016.

- Total volume of plastics collected during the year increased to 1822 tonnes and represents the tenth year of consecutive growth.
- June 2016 we recorded a record monthly tonnage of 258 tonnes for the month.
- The total volume of plastics collected since the Plasback scheme commenced in 2006 now stands at 7268 tonnes.
- An additional two waste balers were installed in the Taranaki and Southland regions bringing the total number in operation to six.
- Favourable autumn grass growing conditions in Southland and the Waikato, along with declining economic conditions, have reduced the supply of scrap plastics during the year but we anticipate this will increase again during winter conditions.
- Demand for scrap plastics remains strong and we have no stock piles of materials.

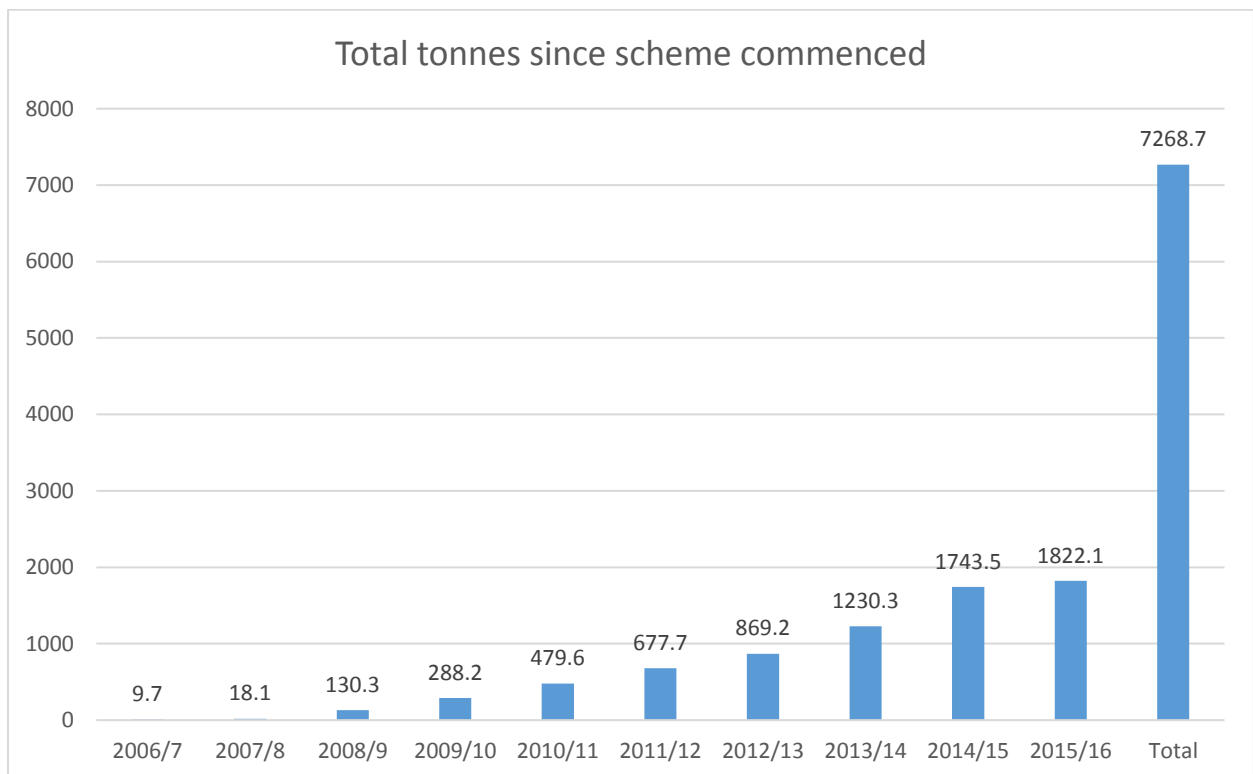


Picture 1. Delivery of the sixth baler at Kaponga, Taranaki. Baler was manufactured by Pioneer Engineering in Whangarei.

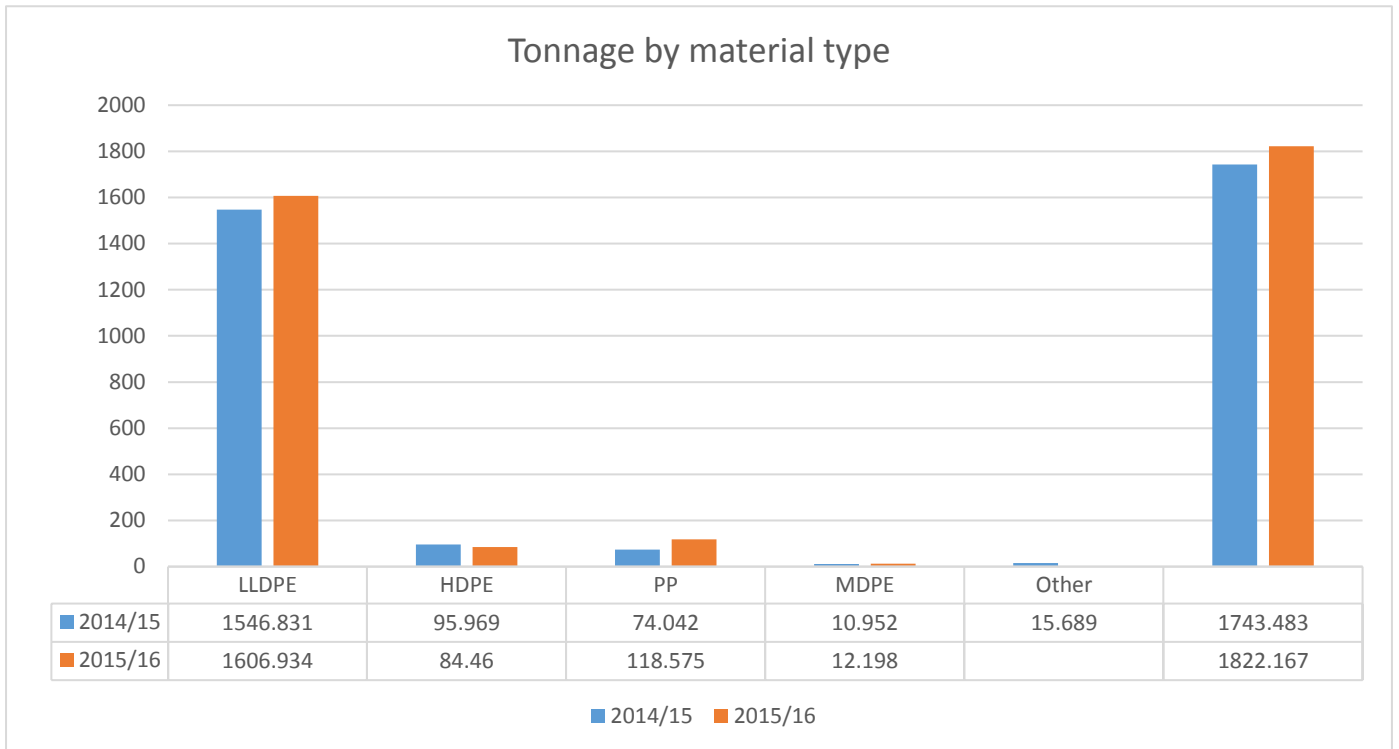
The numbers:

Year	Tonnes
2006/7	9.7
2007/8	18.1
2008/9	130.3
2009/10	288.2
2010/11	479.6
2011/12	677.7
2012/13	869.2
2013/14	1230.3
2014/15	1743.5
2015/16	1822.1
Total	7268.7

Table 1 Total tonnage since scheme commenced



The materials:



Picture 2. First bale from Mataura baler, Southland.

The Places

	2014/15	2015/16
Taranaki	139.951	121.598
Southland	465.302	432.889
Canterbury	331.371	391.668
Waikato	374.212	428.674
Northland	58.313	59.798
Manawatu	93.983	118.229
Nelson/Blenheim	77.568	65.438
West Coast	87.5	41.8
BOP	30.426	67.02
Hawkes Bay	70.257	79.813
National Park	14.6	3.33
East Cape	0	11.91
	1743.483	1822.167

Tonnage by region

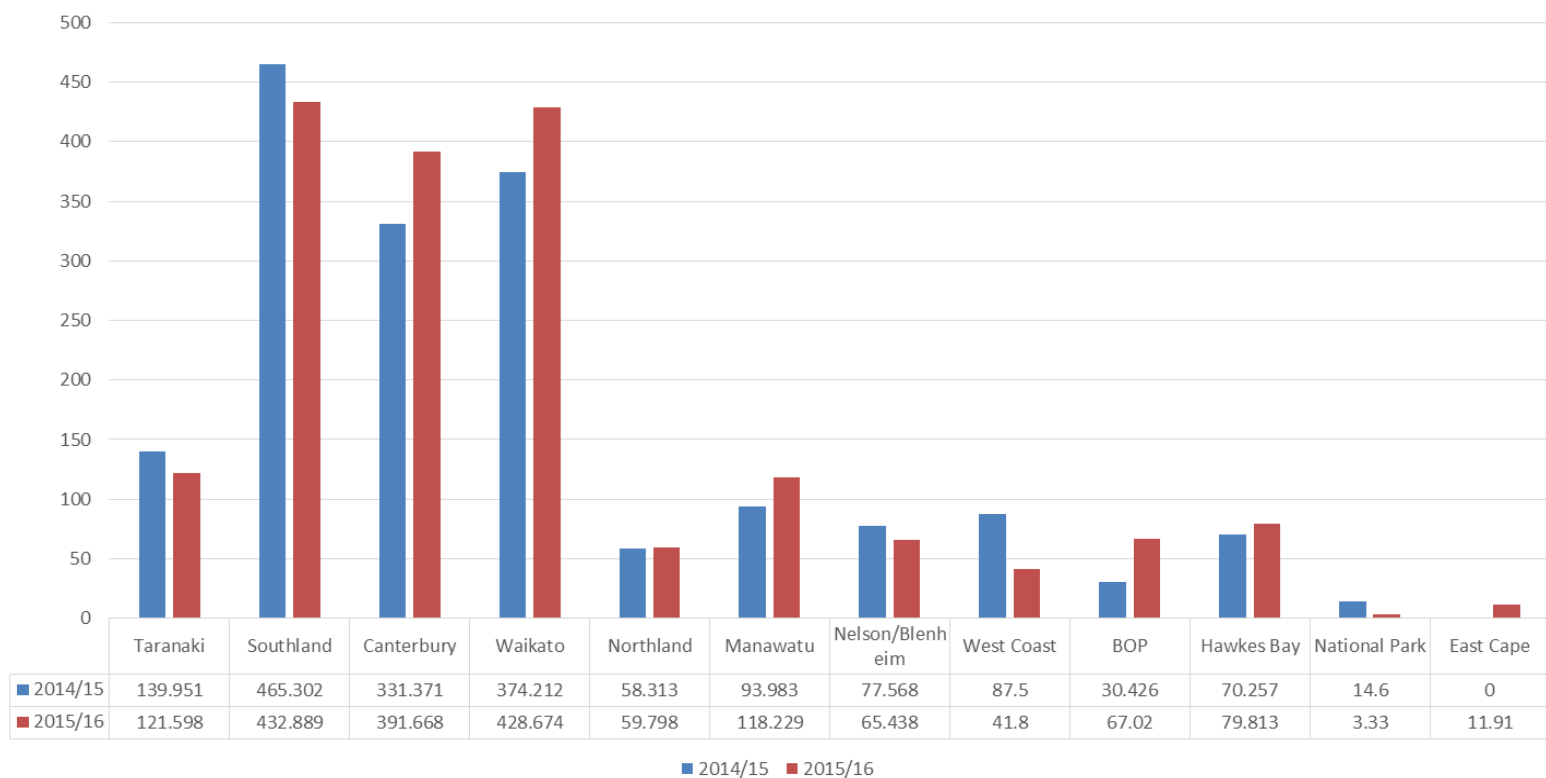


Table 2. Tonnage by region.

Regional collection figures were affected by favourable autumn grass growing conditions in Southland and Waikato resulting in delayed collections of scrap plastics. The Southland collections were also impacted by changes in the provision of baling services which delayed shipments for four months.

Recycling Bins by location

Recycling Bins Sales 1.7.06 to 30.6.16	
Customer Territory	Quantity
01 - Northland	67
02 - Auckland	41
03 - Waikato	382
04 - Bay of Plenty	49
05 - Gisborne/Hawkes Bay	13
06 - Taranaki	182
07 - Wanganui	39
08 - Manawatu	25
09 - Wairarapa	10
10 - Wellington	2
11 - Nelson	27
12 - Marlborough	10
13 - Canterbury	553
14 - West Coast	68
15 - South Canterbury/North Otago	114
16 - Otago	58
17 - Southland	365
18 - Australia	10
	2,015

Table 3 Recycling bins by location

The number of recycling liners placed on the market was 11,700 during the year.



Picture 3 First bale from Kaponga baler, Taranaki.

A recent study by Fraunhofer UMSICHT in Germany has shown that for every tonne of agricultural film collected and recycled the average greenhouse gas saving is 1273 kgs of CO2 equivalent per tonne.

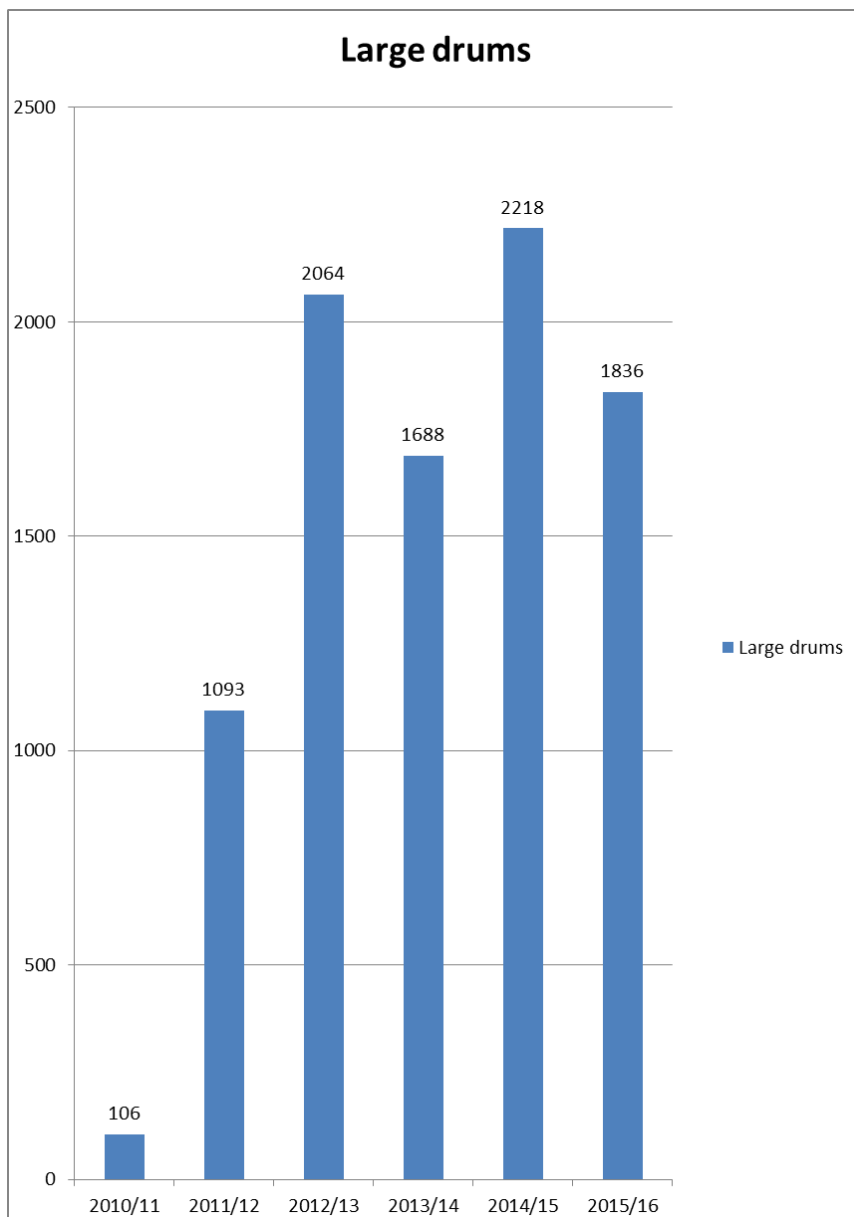
The equivalent figures for New Zealand indicate this year 2319 tonnes of CO2 is saved by recycling or the equivalent of the amount bound by 168,000 trees. Over the life of the Plasback scheme 9252 tonnes of CO2 has been saved or the amount bound by 1.27 million trees.

Baler locations



In addition to the six balers owned and operated by Plasback we also use contract balers at Ruawai and Oamaru.

Large drum collections-100 and 200 litre drums



In addition 28.510 tonnes of 20 litre containers were collected during the year.

The Plasback drum and container recovery program is supported by:

