The Performance of Degradable Polymers within Waste Management

by

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Suffolk Coastal District Council Pilot

- Aims of the Pilot
  - Landfill Directive

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  - Degradable Polymer Sacks

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  - Degradable Polymer Sacks
  - 140 litre Wheeled Bins

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  - Landfill Directive
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  - Develop a strategy
- 2 Pilot Areas
  - Degradable Polymer Sacks
  - 140 litre Wheeled Bins
- Comparative Polymer Trial

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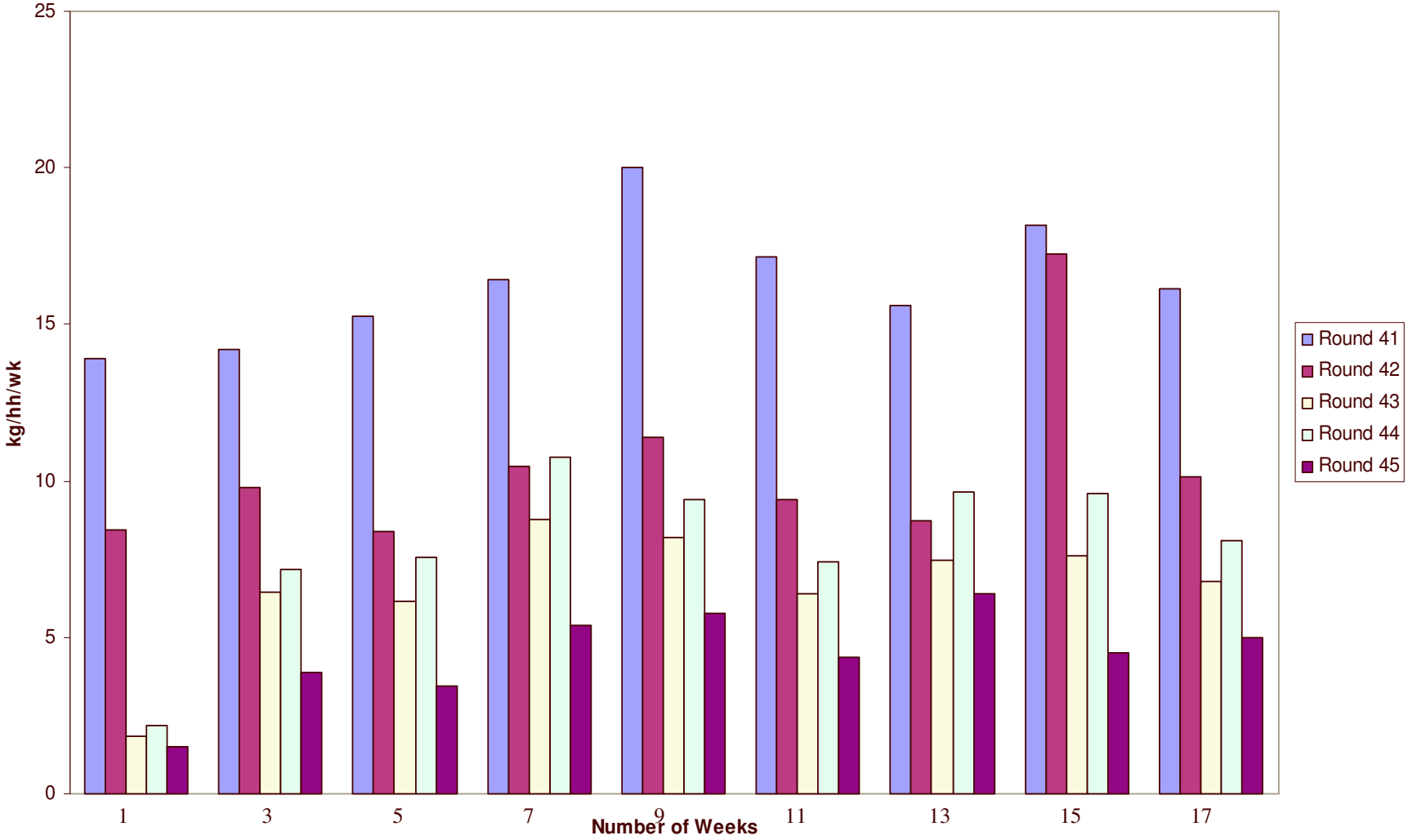
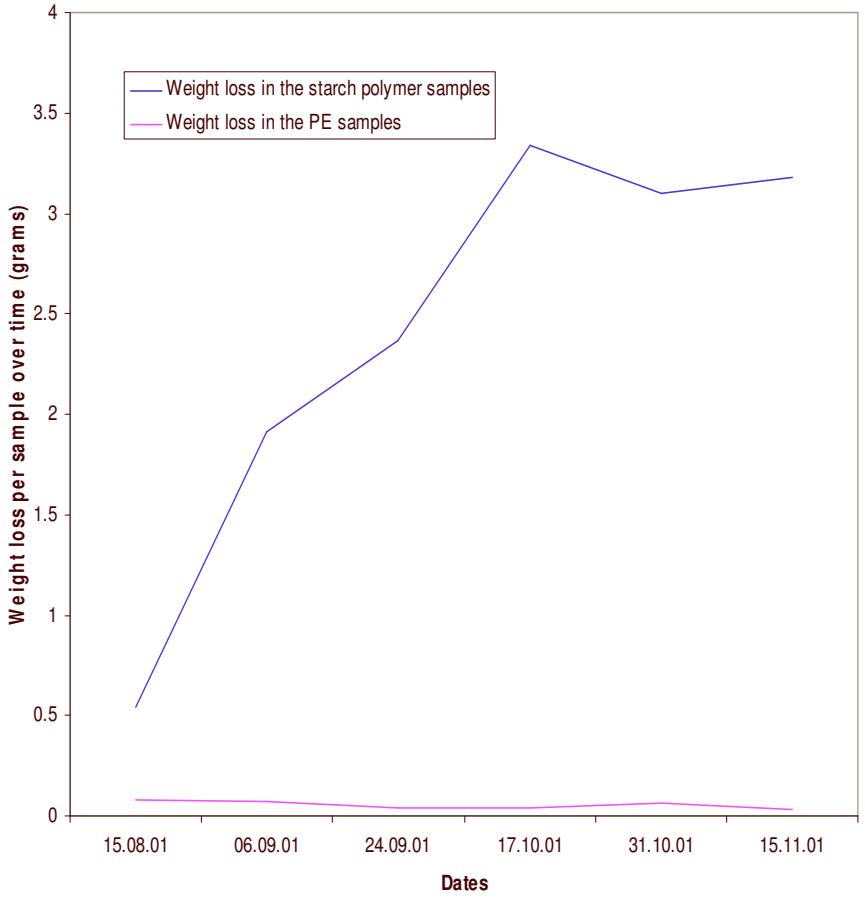
Graph Showing the Average Weight of Green Waste Collected per Household



Shredding process

Graph showing Windrow (2) Temperatures

Weight Loss of the Different Polymers



Open widrow - 10 weeks old

Conclusions to date

- The PE to date has not degraded as anticipated within open windrow conditions
  - Working with supplier to improve degradation performance
- The use of sacks for the collection of organic waste has increased the costs associated with composting over collection via bin

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