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## **Scientific testing confirms Earthcycle Packaging is certifiably renewable**

Vancouver, BC -- Vancouver-based Earthcycle packaging has passed rigorous Biobased Content testing, confirming the materials used to produce its signature packaging line are certifiably renewable.

As defined by the Farm Security and Rural Investment Act (FSRIA) of 2002, biobased products are products determined by the US Secretary of Agriculture to be made from renewable plant and animal sources, which are generally safer for the environment than their petroleum-based counterparts, and are usually biodegradable or recyclable.

“Earthcycle has voluntarily put our product to the test,” explains Shannon Boase, President and Founder of Earthcycle Packaging. “It is important that when we state that our product is sustainable and environmentally sound that we have the data to support such claims. Our commitment to the environment and our responsibility to our customers isn’t about the latest business trend, it is about real change and accountability.”

Conducted by Florida-based Beta Analytic Inc., the Biobased Content testing revealed that a typical Earthcycle fresh produce package has a reading of 99 percent Biobased Content and a precision of +/- 3 percent (absolute), verifying the fully renewable, environmentally sound materials used in the production of the ‘green’ product.

Earthcycle’s scientific findings are based on the Biobased Content test, the same testing concepts as radiocarbon dating - the only US government-approved method for determining the renewable content of a material. Biobased Content testing is able to determine how much biobased material a company is using to manufacture its products relative to the more commonly available petroleum-based alternatives.

“Radiocarbon dating is applicable to Biobased Content measurements in manufactured products because those products contain some combination of recently living materials and fossil materials,” explains Darden Hood, President, Beta Analytic Inc. “Earthcycle’s result – 99 percent biobased content - indicates that there is essentially no fossil material or non-renewable materials present in their packaging. These results are a testament to the company’s dedication to sustainability and ethical development.”

### **About Earthcycle**

Earthcycle has used the design brilliance of nature to develop innovative sustainable packaging made from a renewable resource, called palm fiber, which composts in less than 90-days, turning into a healthy contribution to the soil.

Earthcycle's President, Shannon Boase, was first introduced to palm fiber packaging while managing a technology commercialization fund for the Malaysian government from May 2002 to July 2004.

It is Boase's hope that in the near future –when more municipalities implement green-waste programs and household compost bins are commonplace – that consumers will make a green decision and seek out Earthcycle packaging, not only halving their household waste through composting, but reducing the negative impacts of the landfilling of ordinary plastics.

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For more information on Earthcycle, or to learn how you can get involved, please visit [www.earthcycle.com](http://www.earthcycle.com).

For more information on Biobased Content testing and analysis, please visit [www.betalabservices.com](http://www.betalabservices.com).

For more information on the USDA, please visit [www.biobased.oce.usda.gov](http://www.biobased.oce.usda.gov).

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