

**Ministry of Agriculture,  
Food and Rural Affairs**

**Ministère de l'Agriculture,  
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## **Agriculture Development Branch**

November 22, 2010

The Ernest C. Manning Awards Foundation  
Box 2850  
Calgary, AB  
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To Whom This May Concern;

I am writing in support of Ivan Milin, President and CEO of EcoSpace Engineering Ltd. and his innovative Milinator process. I have had the opportunity to work with Ivan in an advisory role over the last few years as he pursued his vision to bring this very innovative and ingenious technology to fruition, as a viable and environmentally responsible alternative for processing livestock manure.

The process is a very unique, original and futuristic way of transforming a waste product (manure) into an organic fertilizer and potentially as well, into a feed ingredient. The process captures and ties up nutrients such as nitrogen which are later released for plant growth when applied to the soil as a fertilizer. This reduces the risk of nitrogen escaping into the environment, where it can negatively affect the air quality as well as water quality. Ivan has given careful thought to how the process can be adapted to the manure systems of livestock barns, requiring little in the way of energy, rather, relying on the natural processes of the flies to convert the manure to nutrient rich fertilizer in the relatively short period of 4-5 days. This rapid conversion is beneficial in reducing the intensity of odours that can otherwise emanate from a livestock operation.

The potential for commercializing this innovative process for use in situations in addition to use on manure is very promising. I look forward to providing continued support and guidance to Ivan, when and where possible on his journey to success and satisfaction with his Milinator technology.

Sincerely,

Ron Lackey, Feed Ingredients and Byproducts Feeding Specialist



Good things grow in Ontario  
À bonne terre, bons produits

