

R. Alexander Associates, Inc.

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PRODUCT DEVELOPMENT

As organics recycling has grown, so has the number of technologies and methods used in its treatment. Further, because of the success of the industry, along with additional environmental regulation and increasing waste management costs, the list of materials being recycled has significantly expanded. This list includes:

- *Yard Trimmings & Wood, Bark*
- *Municipal Biosolids*
- *Food Residuals & By-Products*
- *Municipal Solid Waste*
- *Industrial Sludges & By-Products*
- *Anaerobic Digestion By-Products*
- *Agricultural By-Products & Manures*
- *Paper, Cardboard*
- *Wood Processing By-Products*

Over the decades, the creativity within our industry has led to the development of a variety of treatment methods to manage these feedstocks, transforming them into marketable products. These methods are currently being used to treat a variety of organic feedstocks, producing various products possessing specific and sometimes unique characteristics. These treatment methods include:

- *Composting*
- *Anaerobic Digestion*
- *Granulation & Pelletization*
- *Drying*
- *Vermiculture*
- *Pyrolysis / Gasification / Combustion*
- *Grinding & Shredding*
- *Chemical & Alkaline Treatment*
- *Aging*
- *Blending*

Considering the variety of feedstocks now being recycled, as well as the multitude of treatment

options available, it takes a creative, experienced and practical company to assist in the development (and market placement) of these *resultant* products. Further, working with a company experienced in industrial based product development – where products are actually brought to market and sold at an appropriate price - is essential. Companies successfully developing such products must be technically strong in end use requirements and production methods. *R. Alexander Associates, Inc.* is such a company.

R. Alexander Associates, Inc. possesses expertise and practical experience with various organic feedstocks and organics recycling technologies, methods and management strategies - and has developed unique and high value products from them. *R. Alexander Associates, Inc.* has the ability to not only skillfully investigate and evaluate potential treatment options but has the creativity to develop a marketable product from them. In many circumstances, this may mean combining technologies and methods. Further, *R. Alexander Associates, Inc.* has worked with laboratories, research companies and universities to assist its clients in developing marketable products. Finally, *R. Alexander Associates, Inc.* has the market savvy and honesty to determine if the product can realistically succeed in ‘the market’.

Visit www.alexassoc.net for additional information.