



Encapsulated seed product

PROCESS

FEECO helped to take Encap from initial idea to full-scale production.

Encap had the idea to use the short fibers in [waste paper sludge](#) left over from the recycling process as a mulch in lawn and garden products. Through testing in the Innovation Center, FEECO developed a process to transform the short fibers into a full line of premium lawn and garden products, including an encapsulated seed product.

The process involved agglomerating the short fibers, along with Encap's proprietary technology, into a uniform product. Once the process was worked out at batch and pilot scale, FEECO manufactured the custom equipment needed and helped to engineer and build a full-scale production facility. This included a pin mixer, granulation drum, rotary dryer, and all of the necessary material handling equipment.

PROJECT SPECS

Customer:



Equipment Supplied:

A complete system including:

- Pin Mixer
- Rotary Granulator
- Rotary Dryer
- Material Handling Equipment

Project Location:

Green Bay, WI, USA

Industry:

Lawn & Garden

Material:

Waste Paper Sludge

Project Engineer:

FEECO International, Inc.