



PROCESS

FEECO supplied a coating drum for producing a fertilizer granule fused with ammonium sulfate and sulfur bentonite.

Seed pellets are fed into the drum on the inlet end. Lifters inside the drum pick up and drop the seed pellets onto a stationary sloped pan. The seed pellets roll down the pan and as they drop off the edge, a curtain of material is created, onto which a molten solution is sprayed.

Through the use of the FEECO flight simulator in the FEECO Innovation Center, in combination with customer-gathered data, FEECO designed custom lifting flights that would allow the drum to discharge material completely onto the pan.

PROJECT SPECS

Customer:
Proprietary

Equipment Supplied:
Coating Drum

Project Location:
Alberta, Canada

Industry:
Fertilizer

Material:
Ammonium Sulfate and
Sulfur Bentonite

Project Engineer:
FEECO International, Inc.