Tim Shuttleworth
Email: tim@dungstercomposting.com
Cellphone: 814 450 1010

FOR IMMEDIATE RELEASE
November 8th, 2023,
Graphics available upon request

New Solar Powered Manure Composter

Ecological manure management innovation by Dungster LLC

WEST SPRINGFIELD MA - Best management practices (BMP) in manure management have always included composting, now composting is easy and affordable. Dungster LLC supplied its first solar powered composter to a horse farm in Crawford County Pennsylvania.

Another best management practice is the use of manure storage facilities; Jayne and John Gaub built that facility a few years earlier. The facility used the common 2'x2'x6' concrete blocks arranged to form 3 bunkers. The three bunkers were situated on a concrete pad. Again, following manure management BMP, this storage facility was situated 200' feet from the farm's well and in a remote area on level ground with a well-established vegetation barrier surrounding it. The site needed no electrical power for manure storage, so a solar powered composter was ideal. The Dungster composter was retrofitted into the existing manure storage bunkers to leverage the prior investment.

Learning of the Dungster composting kit at the Equine Affaire event, in Columbus Ohio during the Spring of 2023 the two parties decided to cooperate. Dungster supplied the Gaub Farm with two aeration kits and its first solar powered kit. After some helpful feedback, Dungster revised the solar package which then became a stable design and a new offering in late 2023. The two aeration kits permit one bunker to be actively composting while the other one is receiving manure from morning chores. The third bunker is for storing finished compost. Without fast/in-vessel composting the facility was just larger enough and was sometimes overloaded in the winter months when the animals were more often indoors. With fast/in-vessel composting the facility is more than large enough.

The Dungster solar package uses 2 100-Watt solar panels, which are held at the appropriate angle for the solar gain and are clamped securely to the existing 2'x2'x6' concrete blocks. Below the sloped solar panels, sheltered from the elements and used as ballast, are marine grade batteries and an electrical control panel. The control panel uses advanced solar charging controls to recharge the batteries during daylight hours, the batteries supply power for 24/7 automatic operation of the in-vessel aeration equipment.

The Gaubs plan to apply for Pennsylvania's REAP 50% tax credits for conservation practices and the solar portion is eligible for a 30% Federal Tax Credit (on IRS Form 5695).

DUNGSTER LLC: a supplier of affordable in-vessel composting equipment. Using a common and unmodified roll-off dumpster as its host, the Dungster aeration equipment ships by courier and is installed in minutes facilitating easy on-site composting.

Contact info@dungstercomposting.com, or visit the website www.dungstercomposting.com.