

THE BENEFITS OF GRANULATING MANURE

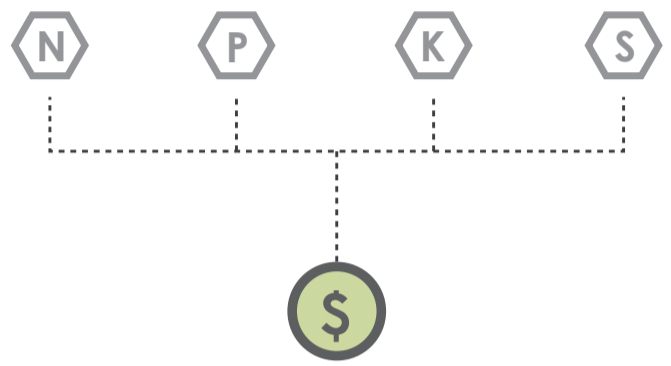
A trending solution for large-scale farms in the agriculture industry



Depending on the methods used, the average cost for hauling and applying dairy manure can range from **\$103 - \$129 per cow annually**.¹

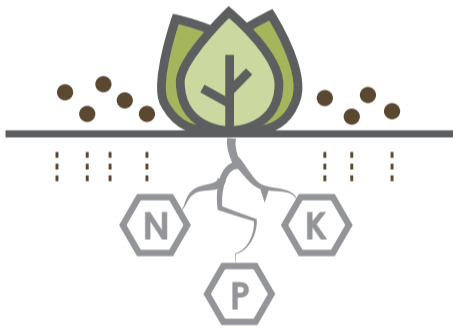
REDUCED WASTE MANAGEMENT COSTS

Raw manure can incur waste management costs and is particularly costly to transport due to its high water content. Dry granules can not only be stored on-farm, but are also much less costly to transport.



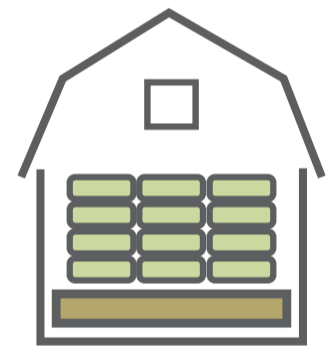
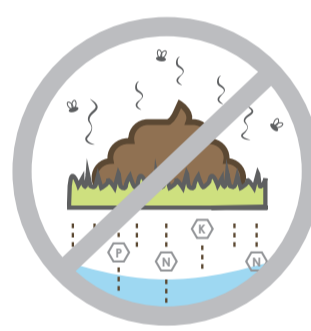
A PREMIUM PRODUCT IS CREATED

The process of granulating manure into dry fertilizer granules allows for the creation of custom fertilizers; additives can be included in the process to create custom products and fertilizer blends, resulting in a premium salable fertilizer product.



SIMPLIFIED NUTRIENT MANAGEMENT

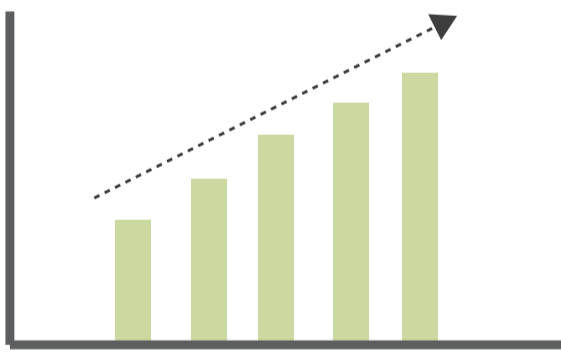
The application of manure can result in excess nutrients leaching from the soil and potentially harming the surrounding environment. Dry granules aid in the prevention of this, because they don't add additional moisture to the soil, which can contribute to runoff, and the opportunity to create custom blends makes nutrient management programs easier to follow and more effective.



CONVENIENT STORAGE WITHOUT GROUNDWATER CONTAMINATION

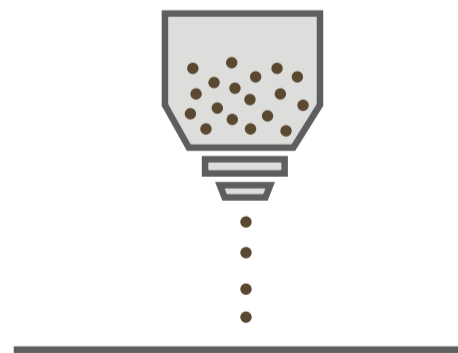
Dry granules can be stored on-farm and used as needed, unlike raw manure, which must be used immediately in order to reap the benefits.

Furthermore, dry granules mitigate the odor issues associated with raw manure, and reduce the opportunity for runoff to occur, because they do not add additional moisture to the soil.



ADDITIONAL SOURCE OF REVENUE

The granulation of manure offers a premium product, which can be sold, providing an additional source of revenue for the farmer. This can also serve as a supplement, so less traditional fertilizer will need to be purchased, further improving the bottom line.



IMPROVED PRODUCT HANDLING

Granules are dry and compact compared to raw manure. Thus, they are more easily handled, transported, and applied. Dry granules are also odor-free.

MANURE PROCESSING SOLUTIONS

FEECO is a leader in the granulation of organic wastes such as manure. We provide feasibility testing and process development, as well as custom equipment manufacturing. For more information, visit: FEECO.com/nutrient-recovery

SOURCES

1. http://www.agriview.com/news/crop/manure-transport-application-to-per-cow-per-year/article_8d2b1958-154c-11e1-955c-001cc4c03286.html