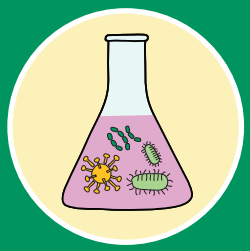
How Harvest Quest Improves Manure Composting

Powerful Inoculant

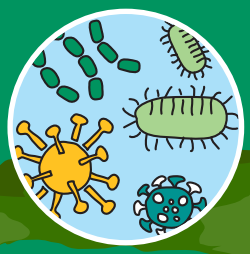


Harvest Quest's proprietary inoculant accelerates the natural decomposition process and initiates a reaction that reverses normal composting physics.

Unique Methodology

The Modified Static Aerobic Pile (MSAP®) method is a combination of both static pile and windrow composting techniques that provides many beneficial outcomes.

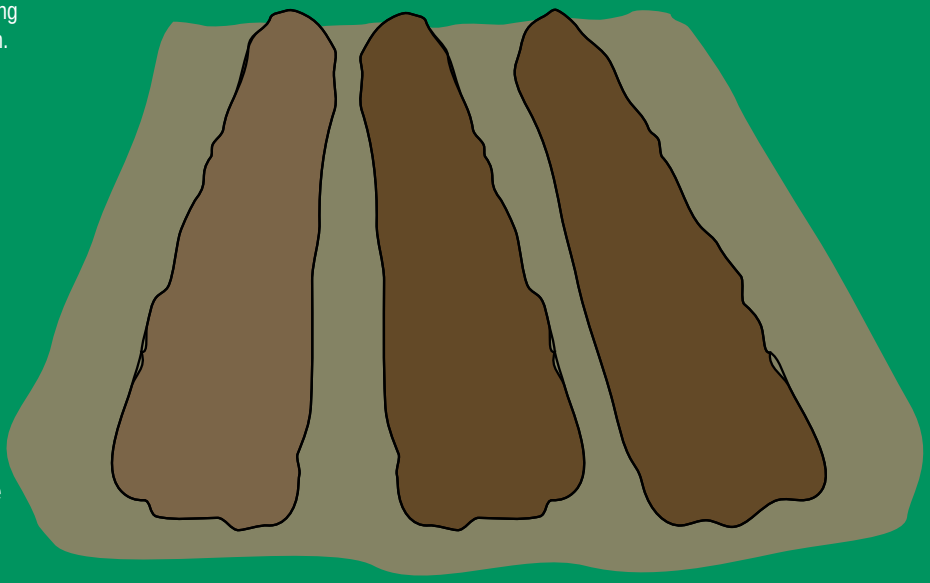
Biologically Powered



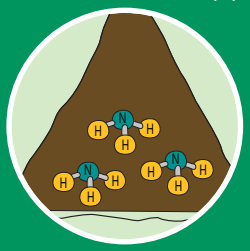
MSAP compost is stable and mature and contains elevated levels of beneficial microbes which initiate nutrient cycling in the soil and enhance plant growth.

Initial Static Phase

The MSAP method largely eliminates the need for mechanical turning while still maintaining aerobic conditions and excellent pathogen destruction.

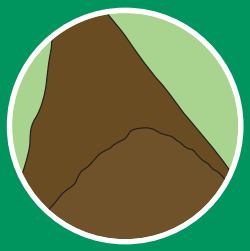


Increased N = $$$



Less turning retains ammonia, which is rapidly utilized and converted to organic nitrogen by the microbes, resulting in a compost with higher commercial value.

Knock Out Odors

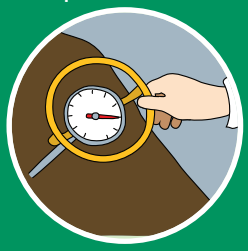


Less turning equates to significantly less odor production and reduced nitrogen losses through ammonia volatilization.

Fewer Turns

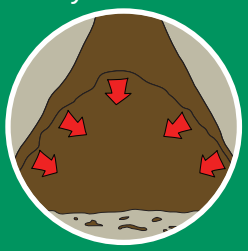
Stop turning a dozen times or more! Only two turns are required to achieve high-quality, pathogen-free compost.

Exceeds PFRP Requirements



Within 24 hours, rapid microbial proliferation generates temperatures in excess of 150°F (65°C) and high temperatures are sustained for several weeks.

Unique Pile Dynamics



Microbes multiply rapidly, initially populating the outer edges of the windrow, before moving towards the center of the pile.

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