Hog Barn Compost
Siting on Farm

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Photos of PA, Maine, NC

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Cornell Waste Management Institute http://cwmi.css.cornell.edu

Jean Bonhotal
Considerations

• Close to existing compost barn/bins or new site?
• **Iowa - DNR - Soil Map?** Or other State’s specific rules

• Distance to Closest Neighbors/Houses/ Businesses
• Barn Population Density
• Dust
• Traffic/ Noise
• Wind Direction barn - Wind Direction neighbors
• Slope
• Space for Carbon, grinding, equipment, and Windrows
• **Ground and Surface Water- potential flooding?**
14 bin system already full
Locate Carbon pile, grinder site, windrows site
Travel Routes to Compost site, Barns?
Composting Siting

- Cornell Waste Management Institute [http://cwmi.css.cornell.edu](http://cwmi.css.cornell.edu)
  Jean Bonhotal
Siting for Composting

Select site that is well-drained, at least 200 ft from water courses, sinkholes, seasonal seeps or other landscape features that indicate the area is hydrologically sensitive.
Wood Chip Bed

Lay 24-in bed of bulky, absorbing organic material containing some sizeable pieces (4 to 6-in long). Utility and municipal wood chips work well.
Area to Dump Carbon Covering

Cover carcass with dry, high-carbon co-composting material, like old silage, sawdust, or dry stall bedding (some semi-solid manure will expedite the process).
Where to Put Carbon?
Bring in the carbon for the base
Grinding Footprint Planning
Road to windrow site
Materials Used for Composting
(MCE, Fact Sheet 717)

- Sawdust (GREEN) +/- wood shavings, shredded leaves, chipped tree trimmings
- Chopped straw +/-
- Spoiled silage some
- Poultry litter
- Chopped cornstalks or old hay
- Old Carbon Compost
- MIX AREA!
Windrows and Siting
Large windrows near each other to turn
Run-off to fix with dry carbon....
Areas on the Farm-aware of slope and traffic
• J Craig Williams
  Penn State Extension
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• PSU Extension Youtube –
• Proper Animal Mortality Disposal
• https://youtu.be/staHoZQ8_ss

Credits & Thank You

Gary Messner and
Bear!