Using Manure Solids for Dairy Barn Bedding (DMS)



For more information about this project, visit our web site at: http://cwmi.css.cornell.edu/bedding.htm





Manure is separated. Then, there are many ways to use DMS as bedding.





DMS can be piled and used directly out of the separator.



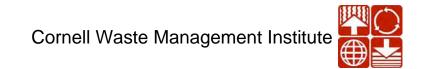


It can be piled and sit for several days to heat up prior to use.

Cornell Waste Management Institute



DMS can be partially composted in windrows.



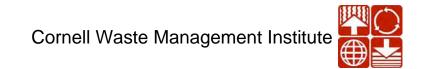


Or, it can run through a drum composter (this one has a 3-day retention time).





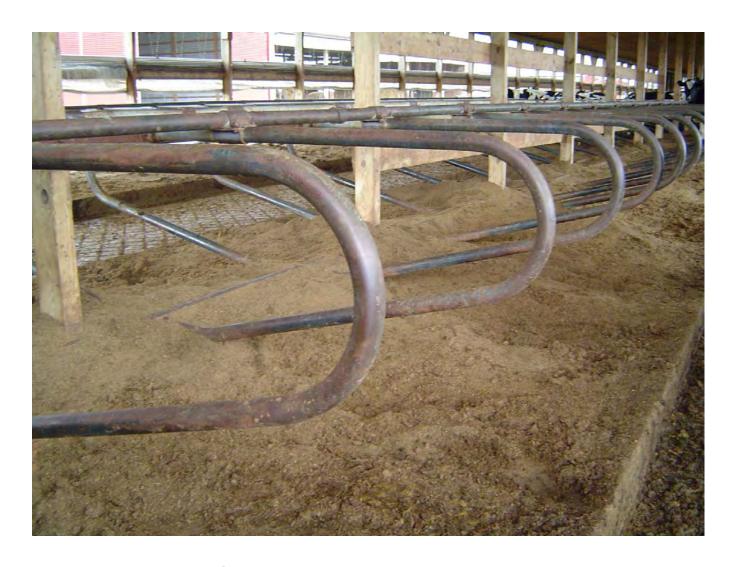
And be store until used.





Bedding with DMS is the same as with any other bedding.

Cornell Waste Management Institute

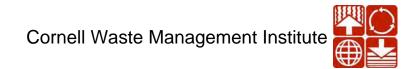


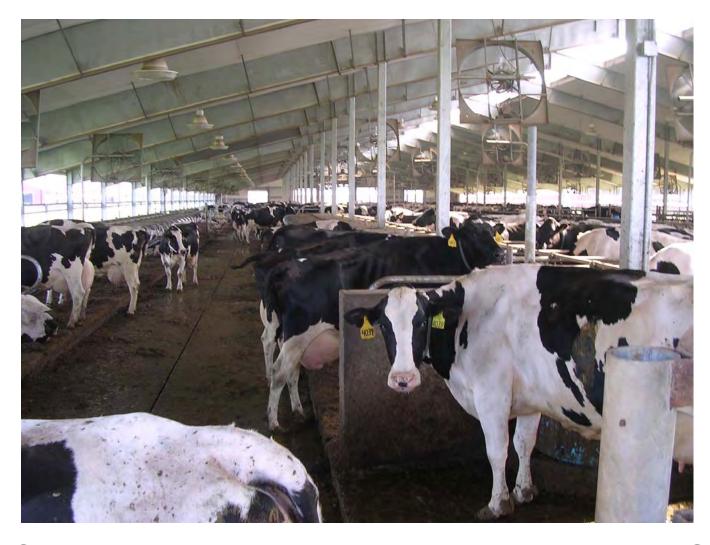
DMS in deep bed stalls.





DMS on top of mattresses.





Cows in deep bed stalls bedded with DMS.





Cows in deep bed stalls bedded with DMS.





Cow laying in deep bed stall bedded with DMS.





Sampling unused piled DMS





DMS in piles heats up, even in the winter.





Sampling used DMS in deep beds.





Sampling used DMS from deep bed stalls.

