AGRICULTURAL ANIMAL MANURE LAND APPLICATION

WHAT YOU CAN DO TO PROTECT HUMAN HEALTH AND THE ENVIRONMENT

FERTILIZE YOUR FIELDS WHILE REDUCING ENVIRONMENTAL HAZARDS.

USING THESE BEST MANAGEMENT PRACTICES WILL REDUCE SURFACE AND GROUNDWATER CONTAMINATION.

BEST MANAGEMENT PRACTICES

1. Test soil to establish existing soil-fertility levels.
2. Test manure and wastewater to determine nutrient content.
3. Select an application rate that does not exceed crop nitrogen requirements and avoids soil contamination, crop damage, and runoff and contaminated tile flow.
4. Check moisture before applying liquid wastes, and adjust application rates to avoid runoff. Estimate soil moisture based on soil feel and appearance.
5. To avoid runoff, do not apply manure to frozen or saturated soils.
6. Calibrate application equipment to obtain desired application rate.
7. Incorporate raw or untreated manure to reduce odors and nitrogen losses.

Source: Ohio State University Extension, Department of Horticulture and Crop Science. Best Management Practices: Land Application of Animal Manure. http://ohioline.osu.edu/agf-fact/0208.html

Mark Junker

Tribal Response Coordinator

Office: 785-742-4706

Cell: 785-288-1321

mark.junker@sacfoxenviro.org