

## Guidelines for Manure Application on Frozen or Snow Covered Soils:<sup>1</sup>

1. Application rate is limited to 10 wet tons/acre for solid manure more than 50% moisture and 5 wet tons/acre for manure less than 50% moisture. For liquid manure, the application rate is limited to 5,000 gallons/acre.
2. Applications are to be made on land with at least 90% surface residue cover (e.g. good quality hay or pasture field, all corn grain residue remaining after harvest, all wheat residue cover remaining after harvest).
3. Manure shall not be applied on more than 20 contiguous acres. Contiguous areas for application are to be separated by a break of at least 200 feet. Utilize those areas for manure application that are furthest from streams, ditches, waterways, surface water, etc (areas that present the least runoff potential and are furthest from surface water).
4. Increase the application setback distance to 200 feet “minimum” from all grassed waterways, surface drainage ditches, streams, surface inlets, water bodies. This distance may need to be further increased due to local conditions.
5. If slopes are greater than 6%: Manure shall be applied in alternating strips 60 to 200 feet wide generally on the contour, or in the case of contour strips on the alternating strips.

## Guidelines for Manure Application during all other Time Periods:<sup>1</sup>

1. 13,000 gallons/acre is the one-time application recommended limit on subsurface drained fields.
2. Inspect tiled fields prior to manure application for broken tile or blow holes, which should be repaired.
3. Recommended Setbacks (if manure is incorporated within 24 hours or injected):

a. Residences downslope from application area	100 ft.
b. Sinkholes	100 ft.
c. Pond or Lake	35 ft. vegetated barrier
d. Streams, Ditches, Surface Inlets	None
e. Grassed Waterway	None
f. Field Surface Drains	None
g. Public Wells	100 ft.
h. Developed Springs	300 ft. upslope
i. Public Surface Drinking Water Intake	300 ft.
4. Recommended Setbacks (if manure is surface applied and NOT incorporated):

a. Residences downslope from application area	100 ft.
b. Sinkholes	300 ft.
c. Pond or Lake	100 ft. (35 ft. of which should be vegetated)
d. Streams, Ditches, Surface Inlets	35 ft. vegetated or 100 ft. non vegetated
e. Grassed Waterway	35 ft.
f. Field Surface Drains	35 ft.
g. Public Wells	300 ft.
h. Developed Springs	300 ft. upslope
i. Public Surface Drinking Water Intake	300 ft.
5. Do not apply manure on fields with a Bray P1 soil test level of 150 ppm or higher.

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<sup>1</sup> Excerpt from NRCS Ohio Standard 633.