

LysteGro – Application and Setback Guidelines

Application Method

LysteGro must be **sub-surface injected**.

Sub-surface injection is defined as the placement of nutrients to 10 – 30 cm below the soil surface in the crop root zone using equipment specifically designed for that purpose, when the applied material is retained by the soil.

Surface application is to be only used as an application method by the approval of a Lystek staff agronomist and must be incorporated within 12 hours.

Application – Ground Condition

LysteGro cannot be applied to Frozen or Snow-covered soil.

“Frozen”, when used in reference to soil, means that a layer of soil with an average minimum depth of five centimetres, located within the top 15 centimetres of the soil, is consolidated by the presence of frozen moisture;

“snow-covered”, when used in reference to soil, means that there is a layer of snow with an average minimum depth of five centimetres.

Depth to Groundwater

There must be at least 30 cm of unsaturated soil at the surface of the land at the time of application.

Depth to Bedrock

There must be at least 1 m separation distance from ground surface to bedrock.

Set-backs

- **100 m** from municipal wells for all applied nutrients
 - 30 m from any other well
- No application is permitted within **25 m** of a dwelling

- No application is permitted within **50 m** of a residential area or commercial, community or institutional use.
- **3 to 20 m** from the bank of surface water (as defined by the Nutrient Management Act, 2002). This setback depends on a number of factors such as the slope near the watercourse and whether there is a presence of a vegetated buffer strip along water body. i.e. If no buffer strip, a setback on the higher end (**20 m**) will be the course of action.

For LysteGro application, the following setbacks are to be adhered to:

- **100 m** distance buffer from municipal wells
- **30 m** distance buffer for all other wells
- **50 m** distance buffer from residential, commercial, community or institutional areas
- **25 m** distance buffer from house dwellings
- For surface water without a vegetated buffer strip, a **20 m** distance buffer from top of bank will be used
- For surface water with a vegetated buffer strip a **10 m** distance buffer from top of bank will be used

Note: This document is a summary of Guidelines which all companies applying LysteGro originating from the Southgate Organic Materials Recovery Centre or other Lystek managed programs as an agricultural fertilizer must adhere to, unless otherwise approved by a qualified Lystek representative. The above noted criteria are Guidelines voluntarily enforced by Lystek International Corp. and Lystek International Corp. as Best Management Practices.

I, _____ have read and understood this document and will adhere to the practices described herein related to my work on behalf of Lystek International Corp. Should I have any questions about them, I will inquire with a Lystek representative.

Date: _____

Signature: _____