

Product Evaluation

RE: Review of Agri-Boost

PRODUCT

Agri-Boost is a soil amendment distributed by Agri-Boost Inc. of Leduc, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

Agri-Boost is an easy to use and environmentally friendly soil amendment of all natural products designed for remediation and reclamation of problem soils. Agri-Boost is a superior alternative to conventional fertilizer for remediation and reclamation. Agri-Boost is organic based and contains a complete complement of plant nutrients. Being organic, Agri-Boost provides a slow release of balanced nutrients that helps create strong young seedlings that are able to resist disease and survive stress. When applied and incorporated into the soil, Agri-Boost provides small pockets of plant nutrients and enhanced microbial activity that promote healthy plants without the risk of burning seedlings or encouraging excessively lush growth. Product web link: <http://www.agri-boost.com/>

DESCRIPTION:

Agri-Boost is more than a fertilizer. Specially dehydrated and pelleted for easy incorporation, Agri-Boost, once incorporated, easily absorbs water and swells. This creates a soil with high infiltration, high porosity and high water holding capacity. The soil surface is less prone to run-off and erosion, and at the same time creates a reclamation site less prone to drought distress. Agri-Boost works in clay and sandy soils.

POTENTIAL USAGE:

The product can be used as a soil amendment for problem soils.

STANDARDS:

Some physical and chemical properties of different Agri-Boost.

Parameter	Agri-Boost
Total Nitrogen (N) %	3.04
Total Phosphorus (P) %	0.39
Total Potassium (K) %	2.35
Sulphur (S) %	0.26
Calcium %	1.59
Magnesium %	0.29
Sodium %	0.02
Total Carbon %	41.9
C/N Ratio	14
Total Organic Matter %	84.3
Electrical Conductivity mS/cm	67.7
SAR	<0.01
PH	6.2
Moisture Content %	6.2

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has no experience with Agri-Boost soil amendment product.

APPLICATION STANDARDS:

Alberta Transportation does not have a standard for this product.

RECOMMENDATIONS:

Agri-Boost be listed as a Proven Product under Alberta Transportation Product List, Seeding, Soil Amendment - Proprietary based on the information provided.

TRIAL PROJECTS

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