



Your Soil Management Experts
Naturally Sourced Products for Sustainable Agriculture

2017

ORGANIC COMPOST

1.5 – 0.5 – 0.7

REPORT NO.
C16215-70008
ACCOUNT NUMBER
06164

A & L Canada Laboratories Inc.
2136 Jetstream Road, London, ON, N5V 3P5 Tel: (519) 457-2575 Fax: (519) 457-2664



TO: SPREAD-X 8887705 CANADA CORP
3946 CONC 20
ST-ISIDORE, ON K0C 2B0



ATTN: Julie Latrelle
Phone: 613-862-6984
Fax: 519-524-2323

CERTIFICATE OF ANALYSIS

PAGE: 1 / 5

PROJECT NO:
PO#:
LAB NUMBER: 2157013
SAMPLE ID: MATURE

SAMPLE MATRIX: COMPOST
DATE SAMPLED: 2016-07-23
DATE RECEIVED: 2016-08-02
DATE REPORTED: 2016-08-09
DATE PRINTED: 2016-08-24

PARAMETER	RESULT	UNIT	DETECTION LIMIT	METHOD REFERENCE
Bulk Density	734	kg/m ³		TMECC.03.03
Nitrogen (Total)	1.5	%	0.1	TMECC.04.02-D
Phosphorus (Total)	0.54	%	0.01	TMECC.04.14 *
Potassium (Total)	0.73	%	0.01	TMECC.04.14 *
Sodium	0.14	%	0.01	TMECC.04.05 *
Organic Matter	48.19	%	0.10	TMECC.05.07-A
Total Ash	51.81	%	0.10	TMECC.03.02-B
Moisture	43.48	%	0.10	TMECC.03.09-A
C:N Ratio	17:1			TMECC.05.02-A
Total Organic Carbon	26.77	%	0.10	TMECC.05.07/Cal
pH (Saturated)	7.14	---	.10	TMECC.04.11 (mod)
Total Solids	56.52	%	0.10	TMECC.03.09

52 Micronutrients available: (Value of \$250.00)
Boron, Iron, Sulfur, Manganese, Copper, Sodium, Zinc, Aluminum

*Heavy Metals analysis meets Organic Production Standards
Analysis available upon request

Ingredients:

- Humate /Peat Moss
- Livestock Manure
- Hay or Straw
- Spanish River Carbonatite

**** Our compost does not contain any waste materials.**

It only contains naturally products from primary sources.

\$74.00/MT

Spreading and transportation not incl.

Price may change without notice



For more information on our products, please visit our website at:

www.spreadx.ca

613-524-2626

5689 Ste-Catherine Street, St-Isidore, ON K0C 2B0 info@spreadx.ca

Why use compost?

- **Increases organic matter in the soil.**
- **Higher yields** - studies show that you can improve maximum yield potential by increasing the amount of organic matter in the soil.
- **Inorganic fertilizer substitution** - compost contains slow release crop-available nutrients, including nitrogen, phosphate, potash, magnesium and sulphur.
- **Improves soil structure for better workability and better crop establishment**
- **Better soil structure and water management** - adding compost improves soil structure, which is good for crops (good water infiltration and retention) and also makes it easier to work, saving fuel and time.
- **Increases water infiltration and retention.**
- **Inhibiting pests and diseases** - the organic action of compost can help to inhibit pests and diseases within the soil.
- **Fuel savings and traffic tolerance** - compost improves soil structure, making it easier to work while using less fuel. Improving soil structure will make it more resistant to compaction from traffic and will extend the conditions in which it can be worked

COMPOST is organic matter that has been decomposed and recycled as a fertilizer and soil amendment. Compost is a key ingredient in organic farming. At the simplest level, the process of composting simply requires making a heap of wetted organic matter and waiting for the materials to break down into humus after a period of weeks or months.

Modern, methodical composting is a multi-step, closely monitored process with measured inputs of water, air, and carbon- and nitrogen-rich materials. The decomposition process is aided by shredding the plant matter, adding water and ensuring proper aeration by regularly turning the mixture. Worms and fungi further break up the material. Bacteria requiring oxygen to function (aerobic bacteria) and fungi manage the chemical process by converting the inputs into heat, carbon dioxide and ammonium.

The ammonium (NH_4) is the form of nitrogen used by plants. When available ammonium is not used by plants it is further converted by bacteria into nitrates (NO_3) through the process of nitrification.

COMPOST is rich in nutrients. It is used in gardens, landscaping, horticulture, and agriculture. The compost itself is beneficial for the land in many ways, including as a soil conditioner, a fertilizer, addition of vital humus or humic acids, and as a natural pesticide for soil. In ecosystems, compost is useful for erosion control, land and stream reclamation, wetland construction, and as landfill cover.

On the open ground, for growing wheat, corn, soybeans, and similar crops, compost can be broadcast across the top of the soil using spreader trucks or spreaders pulled behind a tractor.

REFERENCE: "https://en.wikipedia.org/wiki/Uses_of_compost"

Product eligible for use in organic farming production in accordance with the regulation (EC) no. 834/2007 on organic production



For more information on our products, please visit our website at:

www.spreadx.ca

613-524-2626

5689 Ste-Catherine Street, St-Isidore, ON K0C 2B0 info@spreadx.ca