Every soil can benefit from a regular boost of organic matter, whatever its condition. Incorporating Essential Organics™ Soil Builder, will add vital organic carbon and living micro-organisms. Increasing your soil’s fertility for stronger, healthier plant growth, while saving you water.

Recommended Uses
- As a soil amendment/conditioner
- Top dressing to existing soil
- If you have nutrient depleted soil
- If your soil struggles to retain moisture
- If you have sandy or clay soil

*Use to create the healthiest most nutritious plants

Key Benefits
Creates Stronger, Healthier Root and Plant Growth by:
- Increasing organic matter in the soil
- Improving aeration and water infiltration
- Increasing nutrient uptake by plant roots
- Providing micro-organisms which are vital for healthy soil
- Improving plant resilience against diseases and during stress

Additional Reported Benefits for Horticulture and Viticulture use Include:
- Reduces need for tillage
- Helps to reduce chemical inputs without sacrificing yield
- Reduces erosion
- Improves water quality from runoff
- Reduced irrigation and pesticide requirements

Made From
Recycled agricultural wastes through a specially designed recipe that utilizes an advanced composting system. Sources include potato waste, straw, wood chips, top soil and waste animal feed.

A sustainable product by Overton Environmental Ent. Inc.

Certifications
CQA Tested - Grade A Quality.
Canadian Compost Quality Assurance Standards
Application

New Garden Beds
1. Spread Essential Organics™ Soil Builder over the existing soil surface 20-50mm deep
2. Dig through the soil with a fork or spade to a depth of 100-200mm
3. Water in thoroughly when finished
4. Plant as normal
5. Mulch the new surface to lock in moisture

Handy hint: For clay soils, add granular humic acid at a rate of 1kg per m² at the time of application.

Existing Garden Beds
- Follow the first two steps above, being careful not to disturb existing plant roots
- Water in thoroughly when finished
- Replace and top up mulch as required

As a Top Dressing
- Spread Essential Organics™ Soil Builder over the existing soil surface 20-50mm deep
- Leave a 50mm gap around existing plants to avoid damaging roots
- Water in well allowing organic carbon and nutrients to filter into the soil

When to Apply
- Apply Essential Organics™ Soil Builder in the spring and fall, or at any point during the growing season
- We recommend applying Essential Organics™ Soil Builder at least once every year to condition your soil

Where to Buy
Online: www.ecotea.ca
Email: dale@overtonee.ca
Office: 1-204-417-4122

Please contact us for a list of distributors in your area
Safe around kids and pets
No chemicals used in production

Typical Analysis

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particle Size Distribution &gt;94% through 1/4”</td>
<td></td>
</tr>
<tr>
<td>Organic Matter</td>
<td>20 - 30%</td>
</tr>
<tr>
<td>C/N Ratio</td>
<td>15:1</td>
</tr>
<tr>
<td>pH</td>
<td>7 - 8</td>
</tr>
<tr>
<td>Bulk density</td>
<td>0.7 - 0.9 tonne/m³</td>
</tr>
<tr>
<td>Soluble Phosphorus</td>
<td>4 - 9mg/L</td>
</tr>
</tbody>
</table>

Nutrient Availability

<table>
<thead>
<tr>
<th>Nutrient</th>
<th>%</th>
<th>kg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrogen (N)</td>
<td>0.8 - 1.2%</td>
<td>3 - 5</td>
</tr>
<tr>
<td>Phosphorous (P)</td>
<td>0.1 - 0.3%</td>
<td>0.7 - 1.0</td>
</tr>
<tr>
<td>Potassium (K)</td>
<td>0.4 - 0.6%</td>
<td>1.1 - 1.7</td>
</tr>
<tr>
<td>Calcium (Ca)</td>
<td>0.6 - 1.0%</td>
<td>3.0 - 6.0</td>
</tr>
</tbody>
</table>

Meets and exceeds Canadian Quality Standards for Grade A compost

Essential Organics™ Soil Builder is not recommended as a growing medium by itself
For maximum benefit mix at 20% of your potting soil blend

Nutrient Availability

Essential Organics™ Soil Builder is a soil conditioner. However it does contribute nutrients to your soil. It is important to account for these additional nutrients when considering your fertility requirements.

Water Holding Capacity

Essential Organics™ Soil Builder has the capacity to store more water in the soil, than soil without compost. Increasing your soil’s water holding capacity can reduce plant stress due to heat and evaporation during warm/hot periods.

Soil pH Buffering

Essential Organics™ Soil Builder has excessive pH fluctuations in soil pH which improves nutrient uptake and improves plant health.