With Blue Compost, turn your waste into revenue with minimal labor.

Kohshin composters, developed in Japan for over 40 years, are globally recognized for their efficiency in transforming manure into high-quality compost—without the use of propane. With Blue Compost, NAT has adapted this proven technology to Canadian realities: manure volumes, harsh winters, and the specific needs of swine, poultry, and cattle producers.

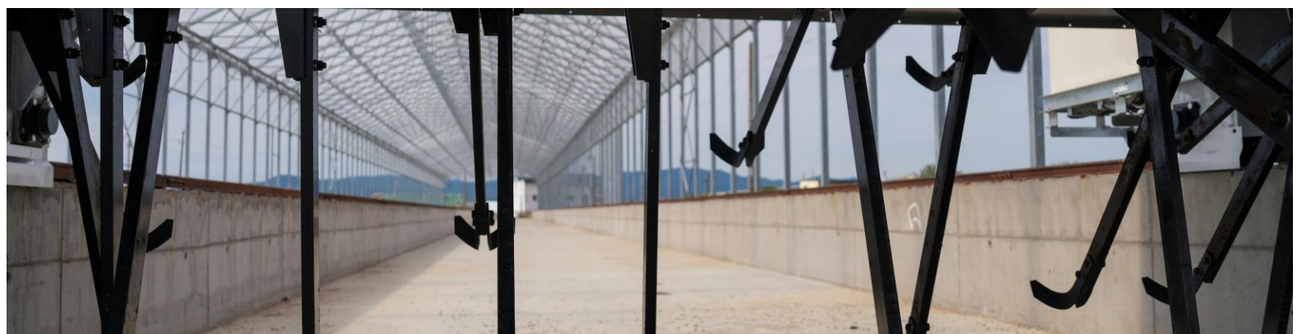
Blue Compost combines 50 years of Japanese expertise in natural composting with NAT's Canadian know-how.



Benefits for farmers:

- **Significant reduction in manure volume** and management costs.
- **Transformed into a rich organic fertilizer**, usable on fields or marketable..
- **100% natural solution**, propane-free, environmentally friendly, and cost-effective.
- **A simple, autonomous process**: with Blue Compost, composting almost takes care of itself.
- **An odorless organic fertilizer** that keeps only the value—without the drawbacks.

With **Blue Compost**, Canadian producers turn a challenge into an opportunity: valorizing manure, reducing costs, and generating new revenue.





Mixing

Pre-composting





Composting

Maturation





Packaging

Fertilization

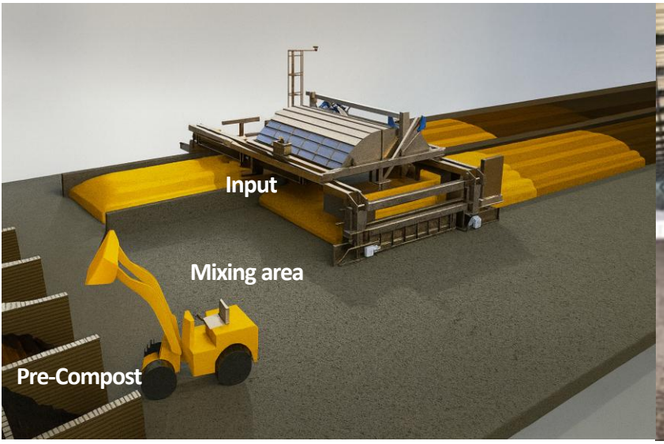


Mixing and Pre-composting (Soliah)

- It is possible to mix several types of raw materials as well as the final product to lower the moisture level.
- Before entering the main composter, the manure can go through a Soliah pre-composting system. This step reduces moisture, homogenizes the material, and initiates fermentation—ensuring optimal yield and a more stable compost, while also significantly reducing odors.

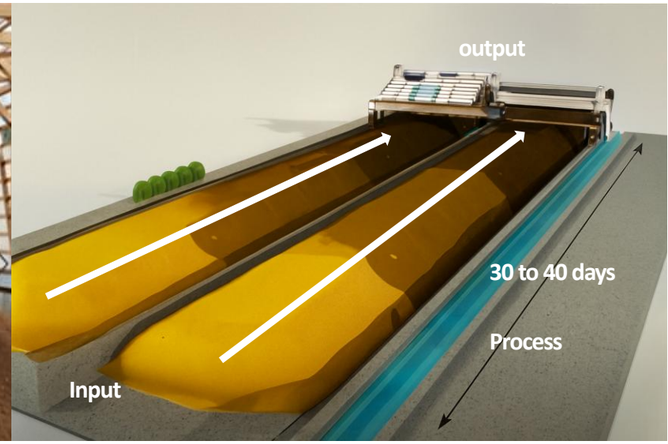
Natural composting with Blue Compost

- Thanks to a system of rotating blades, manure is continuously mixed and aerated.
- **Result:** up to 60% volume reduction, rapid stabilization, and the production of dry, hygienic, odorless compost.
- No use of propane.
- High-performance ventilation system with the option to install an air scrubber



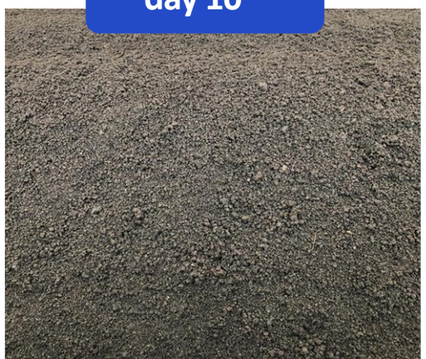




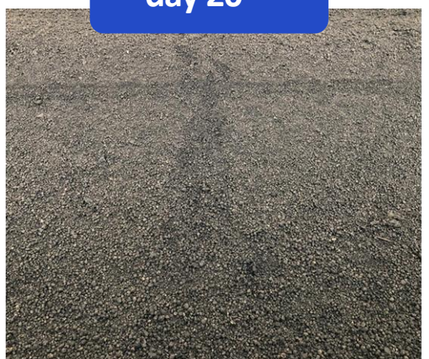
















Final Valorization:
Bagging – storage and commercialization

- NAT offers bagging solutions to package compost in sacks, with either simple systems or fully automated processes including a palletizer to reduce labor costs.
- This not only facilitates storage but also enables the marketing of compost as a high value-added finished product.

- **Organic fertilizers in Canada: a colossal market**
  The fertilizer market in Canada represents several billion dollars per year.
  Organic fertilizers are experiencing double-digit growth driven by:
  - The expansion of organic farming.
  - Regulatory pressures to reduce the use of chemical fertilizers.
  - The valorization of organic waste as a resource.

Indicative price of organic fertilizer: up to $1,000/ton.
Organic fertilizers are positioned in the same price range, with the added advantage of being sustainable and locally produced.

- **Blue Compost Opportunities**
  Transform organic waste into recurring revenue.
  Meet the growing demand for eco-friendly agricultural inputs.
  Reduce dependence on imports and the volatility of chemical fertilizers.
  Integrate into a circular economy model: less waste → more value.

Blue Compost transforms your waste into green gold.

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