

THE BIOVATOR™ OPERATION

- The BIOvator™ is easy to operate. Simply load carcasses and shavings into the vessel, turn it on for a few hours daily, and let nature do the rest for you.
- Our current BIOvator™ models have the capacity to handle up to 500 lbs. of mortality per day, requiring only .05 ft³ of shavings per each pound of mortality. This amounts to approximately 3,500 lbs. per week, or 182,000 lbs. of mortality per year. And with the option of having multiple units on a site, our BIOvator™ models can handle any amount of mortality.
- The BIOvator™ is a continuous operation where mortalities are processed into compost in 4 to 14 days.
- Compared to other composting systems, the BIOvator™ reduces employee operating time and produces a higher quality compost when proper management guidelines are followed.



BIOvator™

The #1 Name for In-Vessel Composting

Canadian Patent #2465685

DEVELOPED, TESTED, AND
**PROVEN
SUCCESSFUL**
IN OVER 150 OPERATIONS,
THE BIOVATOR™ COMPOSTER
PUTS CONTROL OF MORTALITY
MANAGEMENT BACK INTO
YOUR HANDS.

Contact us today to learn more about
how the BIOvator™ can benefit mortality
management at your operation.

BIOvator™

The #1 Name for In-Vessel Composting

Nioex Systems Inc.
Shawn Compton
scompton@nioex.com
1-701-370-0782

Nioex Systems USA
John V. Walser
jwalser@nioex.com
1-507-381-1556

www.nioex.com



BIOvator™

The #1 Name for In-Vessel Composting

BIOSECURITY BENEFITS

Third party pick-ups always carry some risk of cross-contamination – the BIOvator™ allows you to control your mortalities on-site, eliminating the risk of disease in your healthy animals. Since the mortalities are fully enclosed, you will be able to control intrusion of wildlife, insects, and rodents.

OTHER BENEFITS OF THE BIOVATOR™

As a bonus, the BIOvator™ produces high and consistent quality compost that can be used as a soil enhancer, fertilizer, bedding material, and to control soil erosion of lagoon banks. Other benefits of the BIOvator™ include:

- Out-of-sight process makes it attractive to neighbours.
- Reduced risk of disease-causing organisms and odour.
- Environmentally friendly – it eliminates leaching and ground contamination, recycles barn air when used with a cold climate hoarding system, reuses finished compost to replace part of new shavings, and reduces energy consumption.
- Removes challenges of winter composting.
- Uses half the shavings required for bin composting.

COST-EFFECTIVE ALTERNATIVE

The BIOvator™ is a continuous process – summer and winter – processing 100% of your barn mortalities right on your own site and under your full control, within an incredibly short time. On the other hand, the cost of owning and operating the BIOvator™ is comparable to, and in many cases less than that of other mortality management options.

The BIOvator™ is manufactured from a perfect combination of carbon and stainless steel to make it durable and affordable.

The BIOvator™ has been certified by a third party independent engineer to have a 15 plus year lifespan.

THE BIOVATOR™ STANDARD FEATURES

- 4 ft diameter x 30-42 ft long insulated vessel with stainless steel shell; other sizes available.
- Two loading doors 7.5' x 2' inspection openings and one 18" discharge opening with removable discharge screen.
- Stainless steel paddles mounted on the inside vessel walls.
- Galvanized steel skid, with heavy duty nylon rollers supporting the vessel.
- Driving system: 1 hp motor – 110 V, 2 gear boxes, heavy duty bearing, sprocket and chain.

The BIOvator™ is an innovative new alternative to traditional mortality management methods. It provides a cost-efficient and environmentally sound solution to mortality management, virtually eliminating biosecurity risks and reducing many of the concerns associated with more traditional methods of disposal. The BIOvator™ exceeds all provincial regulations and requirements for disposal of mortalities.

