What if you could convert unused food into a safe, natural biofertiliser? Build soil, not your waste disposal costs, with Bio-Regen®

Why Bio-Regen®?

- Over 10 years of proven global performance
- Easy and safe to operate
- 100% of organics are used to manufacture end product - no waste, no emissions, no odour
- Compact stainless steel appliance fits seamlessly into restaurant kitchens, school canteens, hotels, aged care facilities and more
- Organics are collected in small buckets no strain, no heavy lifting - and can be processed in batches or at the end of the day
- Source separation prevents contamination
- The end product of Bio-Regen®, XLR® Bio, is a saleable liquid biofertiliser - a potential additional revenue stream for your business
- Significant cost savings achieved in management of waste and labour
- Combined with Groundswell® for processing bulk and solid organic residues, completes a circular economy loop in generating valuable, natural resources as agricultural inputs to restore soils
- Purchase or leasing options available
- Modular holding tanks allow for tailoring of storage capacity as required





Quantifiable Benefits

- Every 1kg of organic input produces 2.5 L of XLR8® Bio
- Every 1kg of organic input processed reduces CO2-e emissions by 0.9kg through avoiding disposal via landfill
- Every 1kg of organic input is processed in less than 30 seconds (dependant upon material)
- Up to 1 tonne of organic input can be processed daily

What can be processed through Bio-Regen®?

Soft putrescible organics, including:

- Fruit and vegetables
- Meat and seafood
- Eggs (including shells)
- Bakery items
- Leftovers
- Offcuts
- Out of date food items
- · Coffee grounds
- Pulp
- Pet food
- Out of date liquid products, including juices, milk, soft drinks



Recycler with the munchies

annachsomatowrevineouetinzomau

STUDENTS at Hermit Park State School are
helping to reduce the city's carbon footprint by
using a locally designed recycling machine.
The Bio-Regen machine at Hermit Park State
School is the latest in recycling technology and
feeds off anything from carrost to sandwich crusts.
Year Seven teacher, Craig Aisthorpe, said
wrappers and scraps were collected in special
buckets around the school and fed through the
state-of-the-art machine.
"It fits in perfectly with all our other
environmental projects," he said.
The scraps are mulched down into a storage
chamber, where photosynthesis turns it into a
red liquid which is used on the lawns, gardens
and in the school's aquaponics system, which
grows vegetables from fish waste.

Mr Aisthorpe said the stainless steel machine, which can handle 350kg of scraps a day, was reducing the school's carbon footprint.
"We can actually process every single food scrap from the school, plus scraps from parents and, in the future, nearby restaurants and businesses," he said.
Vital Resource Management principal, Ken

Vital Resource Management principal, Ken Bellamy, who created the machine, said it was one of three in Townsville.

"It actually reduces the cost of waste removal as we offer to buy back most of the liquid rather than the school having to remove it." she said.
"We use it to produce a bio-fertiliser sold to North Queensland farmers and it's less than a third of the price of other waste-processing machines."

machines." Mr Bellamy said another machine was

operating at James Cook University.
"It's a neat, clean and tidy way for them to participate in recycling," he said.



Benefits:

From its inception in February 2012 to April 2014, the school has processed 41,540 kg of for waste, turning it into a useful product at the point of genera The Bio-Regen Food Waste Processing Machine also:

Significantly reduces the amount of waste sent to landfill, extending landfill lifespan

Reduces CO2 and methane gas emissions



Penang, Malaysia 17

For further information, contact us: VRM Biologik Group (07)47746337



