



Dr. Ari Riihimaa,
CEO

Entoprot Ltd is a
Finnish technology
company

Our business:

sale of devices and
technology

Our vision:

Leading insect
rearing technology
provider in the
world

Where are we now?

Fully working
prototype tested,
seeking financing for
piloting and
commercialization

Contact us!

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Entoprot Ltd – Provider of the Most Cost-Effective Insect Rearing Technology

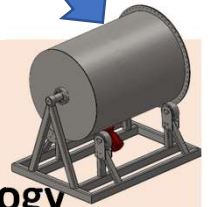
1 m³ Bioreactor → up to 400 kg Larvae in two Weeks

How is this possible?

We cultivate
larvae of black soldier
fly





Revolutionary
patented bio-
reactor technology



- Grow in a moist environment
- Eat almost anything
- Double their weight every day
- 10 to 14 days from prepupae to full-size larvae

- Rotating bioreactor
- Ingenious support structures which protect larvae
- Fed-batch: automated feeding on-demand
- Larvae can constitute 50% of the bioreactor volume

Why did we reject the vertical farming principle?

	Vertical farming	Entoprot Bioreactor
Organisms 	Adults and larvae	Larvae 
Space requirement	Moderate	Very low
Conditions	Dry or slightly wet	Wet
Feeding	Dry feed and water	Wet feed
Automation	Difficult, expensive	Easy, inexpensive
Farming time per batch	70 d (crickets), 70 d (meal worm)	10 to 14 d
Productivity	14 kg/m ² /month (cricket), 80 kg/m ² /month (mealworm)	800 kg/m ² /month for black soldier fly larvae

Great productivity, fast process

Easy automation,

Modular and scalable
solution for factories
of all sizes



low manual labour
Excellent process
economy