



ENTOCUBE

Feeding two planets



The next generation of insect farming technology will shape the future of insect farming. Rearing crickets can be a labour intensive process contributing to the increased cost of production. Our next generation technologies offer an alternative to traditional cricket farming methods enabling cost reduction while maximizing cricket production at the same time. EntoCube offers pioneer cricket farming technologies that can be scaled up for commercial production to reduce labour costs while delivering quality cricket produce consistently.

Insect farming is a growing industry that fulfils the increasing demand for sustainable and high-quality food protein. Insects have been consumed for thousands of years, but their potential has been only recently discovered in the current European food market. We believe cricket farming has a bright future in our food system!

We, at EntoCube, have the goal to create and develop the new generation of cricket farming technology even better, to make farming more sustainable, safer, industrially scalable and profitable for our customers. Our technology and farming practice have been developed for over 5 years to ensure optimal rearing conditions for your crickets with less labour and more stable yields. This can lead to substantial increase in farming output compared to some traditional methods.

Now is the time to become a forerunner in the insect industry!



Next generation cricket farming

ENTOCUBE

Cricket farming technology



Population biology

EntoCube offers the population of house crickets to kick-start the farm.

EntoCube has automated data collection with additional data analysis services.



iOT and automation



Training & QM

EntoCube offers training for both existing and new cricket farmers.

EntoCube has commercialized a 100% plant-based dry feed formula, optimized for the house crickets' nutritional needs.



Feed and materials

EntoCube X series automated farming solutions

We offer automated farming solutions as a package for a full life-cycle of cricket production. The package covers population biology (reproduction and incubation), main rearing stage and harvesting. We sell our own compound feed optimized for house cricket nutrition. Most up-to-date instructions and farm training is free for our X series customers.



EntoCube 10X Specifications:

Unit size (w x l x h):	10 cm x 185 cm x 122 cm
Target yield:	15 kg/unit
Labor:	20 min /unit/cycle
Electricity:	230V, 1 outlet / unit, max. 135W
Water consumption:	2 liters / unit / cycle + washing
Ambient temperature:	Min. 15 °C
Feed:	Dry granular feed
Farm requirements:	Indoor facility with farming area and storage space. Reliable electricity and water inlet. Possibility to install exhaust ventilation.



Modular, movable, closed, automated 0.7 m³ rearing units for crickets.

Rearing from pinheads (0 days) to harvest age (30 days).

Automatically maintains optimal environmental conditions for crickets (temperature, ventilation, light)

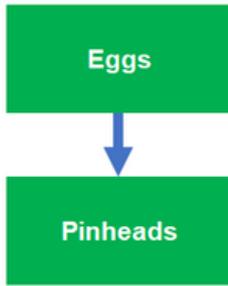
Provides automatic access to feed and drinking water, with possibility to adjust feeding parameters.

Alarm functions in case of technical malfunctions and user-adjustable feeding parameters

Includes a new type of rearing habitat (matrix) that ensures plenty of crawling area for the crickets.

EntoCube 10X: from Reproduction to Harvest

Reproduction



A portion of adult crickets are used in reproduction continuously to ensure healthy population throughout.



Entocube 10X provides automated access to feed and water along with optimal environmental conditions for the crickets based on their age.

Harvest

Entocube 10X system includes semi-automated harvesting solution ensuring efficient separation mechanism of live crickets from the waste.

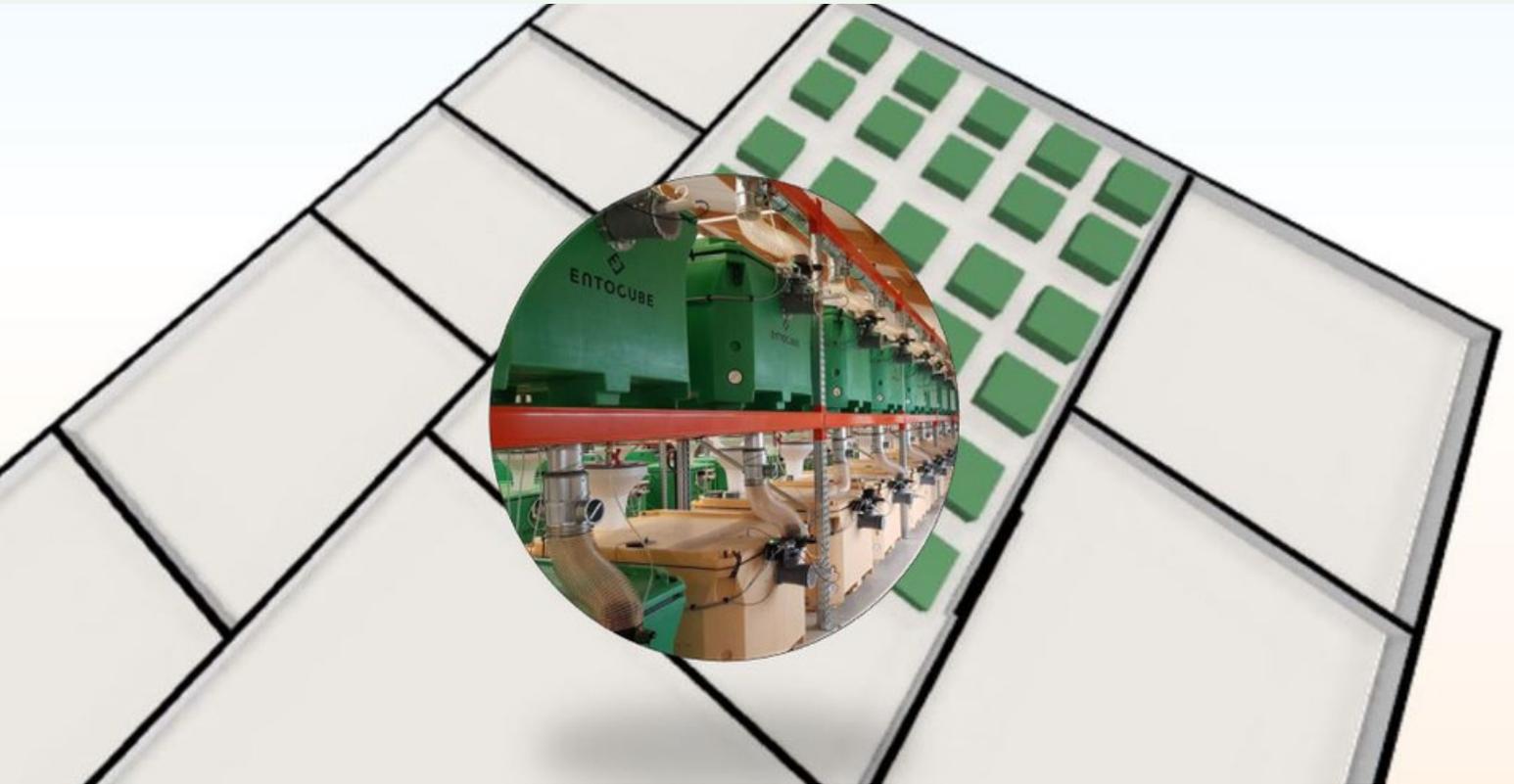
Processing

Heat Treatment

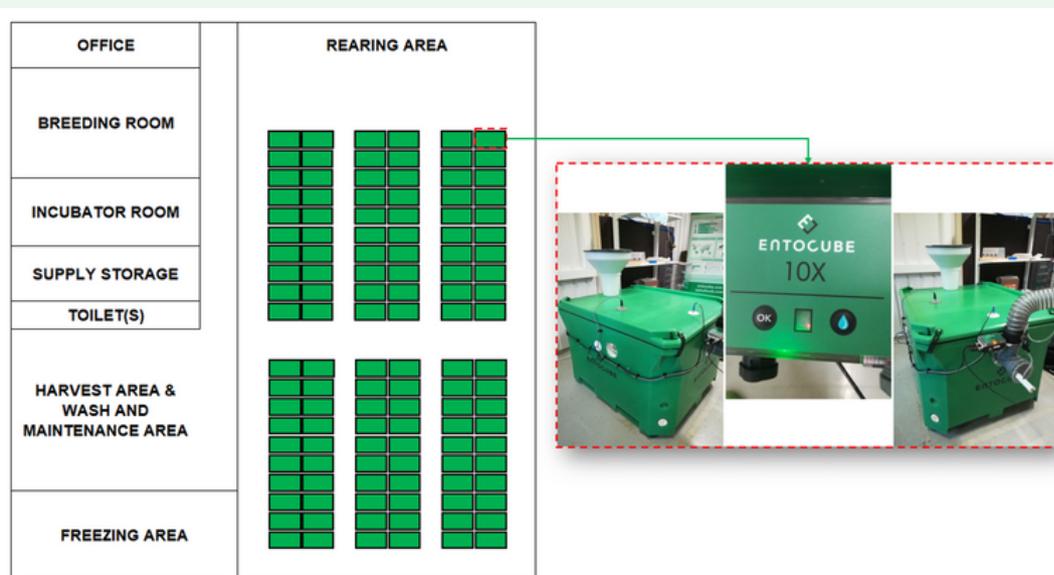
Storage /
Transportation

Packaging

Flexible and scalable cricket farming

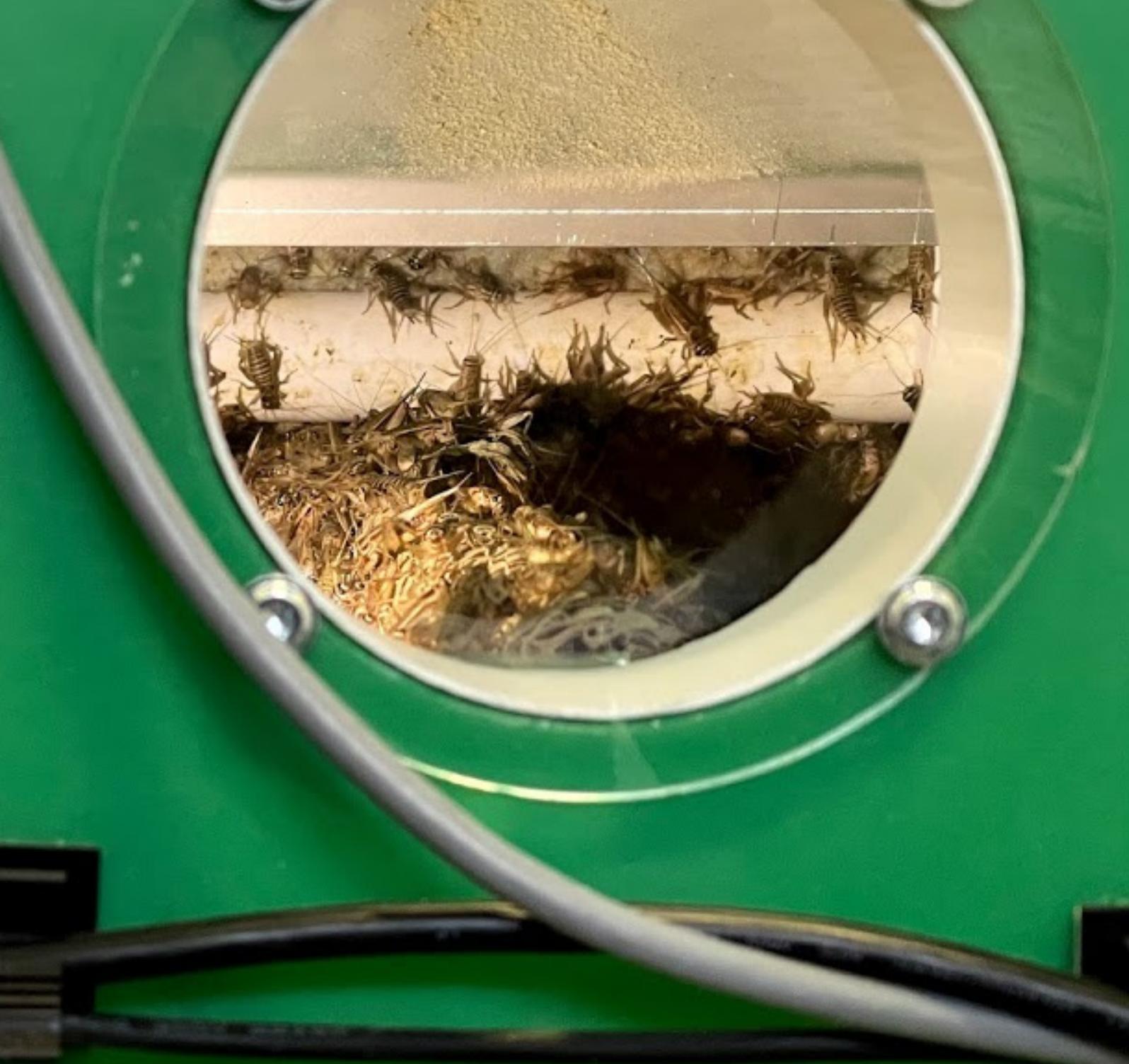


The EntoCube 10X system enables commercial scaling of your cricket farm.
Flexible and scalable farming due to modularity and movability.



- Space saving:- 20 units can be fitted in approx. 50square meters.
- Flexibility of stacking the units.
- Easy separation of rearing area from other farming spaces.

An example of a farming layout using the EntoCube 10X-system.



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