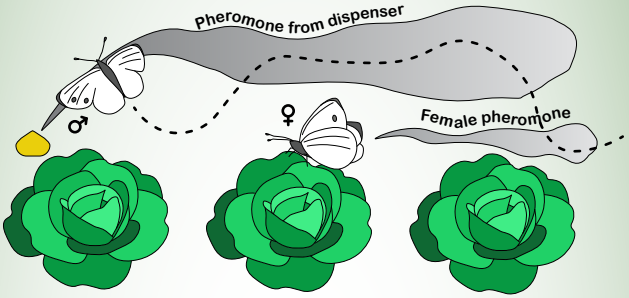
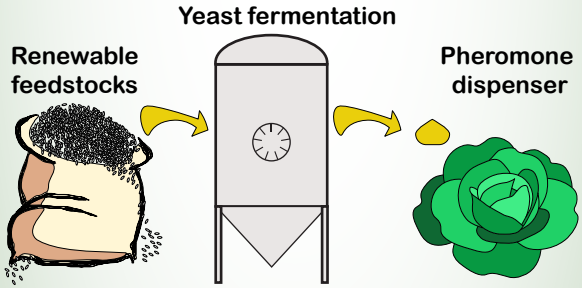
Olefine

Safe replacements for insecticides



Insect pheromones are a sustainable alternative to insecticides. They are not harmful to the farmer who uses them, nor to the pollinating insects, and no residues are left on the crops upon harvest. Pheromones released in the field prevent the male pest insects from finding a female by following her pheromone plume, so she will not mate and lay eggs, and therefore no insect larvae will emerge to eat the plants.



Traditional chemical synthesis of pheromones is very expensive and polluting – here the OLEFINE project has a solution. We make pheromones using biology and biotechnology, in a brewery. The yeast cells in our brewery convert renewable feedstocks into pheromones cheaply and sustainably, just like yeasts are used to make beer, enzymes, and medicines.

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Partners in the OLEFINE consortium

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