

# BioProtecEnv...How it works

## A North American University Student Project

### Clinical Organic Enclosed Farm



1. Production - High Yield volume Single or varied Crop.
2. No Chemical Pesticides are needed. Using Natural Seeds washed with white vinegar bathed in ultraviolet light.
3. No Fertilizer, No Water Waste using wicking, rain runoff, and dew collection.
4. Digester and red worms used to produce fertilizer.
5. Recycle & Reuse - All plant waste is recycled on the farm in a clinically clean environment.
6. Reused for plant growth, Resold commercially as fertilizer.

### Processing Clean Room



1. Positive pressure and clean room standards with sanitized airlock entry. Disease Controlled.
2. Zoned controlled temperature using special bacteria fabric and LED lighting.
3. Continuous crop growth; improved varieties of crop is a technology aimed at enhancing plant yield, quality, and nutrition.
4. Enclosed Farm size is One Acre. Yield per acre equal to four times normal farm land. No edible waste.

### Fresh...Delivery to Market



1. Close Delivery System - Farm located close to markets for fresh delivery directly to consumer.
2. Year Round Crop Contracts - Crops are sold under contract regardless of season. Sold at competitive in season market pricing.
3. Using Vacuum Packing on some vegetables to prevent bruising. Certain vegetables such as cauliflower emit gas and are not suitable for vacuum pack. Shelf life is 20 days.