



CREATE YOUR bioprotection

**FRANCHISE MODEL OF
BREEDING LABORATORIES**

BREEDING LABORATORIES

PRODUCTION OF BENEFICIAL INSECTS
FOR INTEGRATED PEST MANAGEMENT



KEY FEATURES OF THE LAB

MODULARITY - CONSISTS OF SEPARATE CONTAINER BLOCKS

SCALABILITY - THE ABILITY TO ADD MORE MODULES INTO THE ONE SYSTEM

MOBILITY - NOT CONSIDERED CAPITAL CONSTRUCTION



PROTECTED 20 HA PLANTS BY 1 MODULES

PESTS:

- **WHITEFLY**
- **THRIPS**
- **SPIDERMITE**
- **APHID**
- **SCOOP**

- **CUCUMBER**
- **TOMATO**
- **PEPPER**
- **HEMP**
- **SALAD**
- **ROSE**

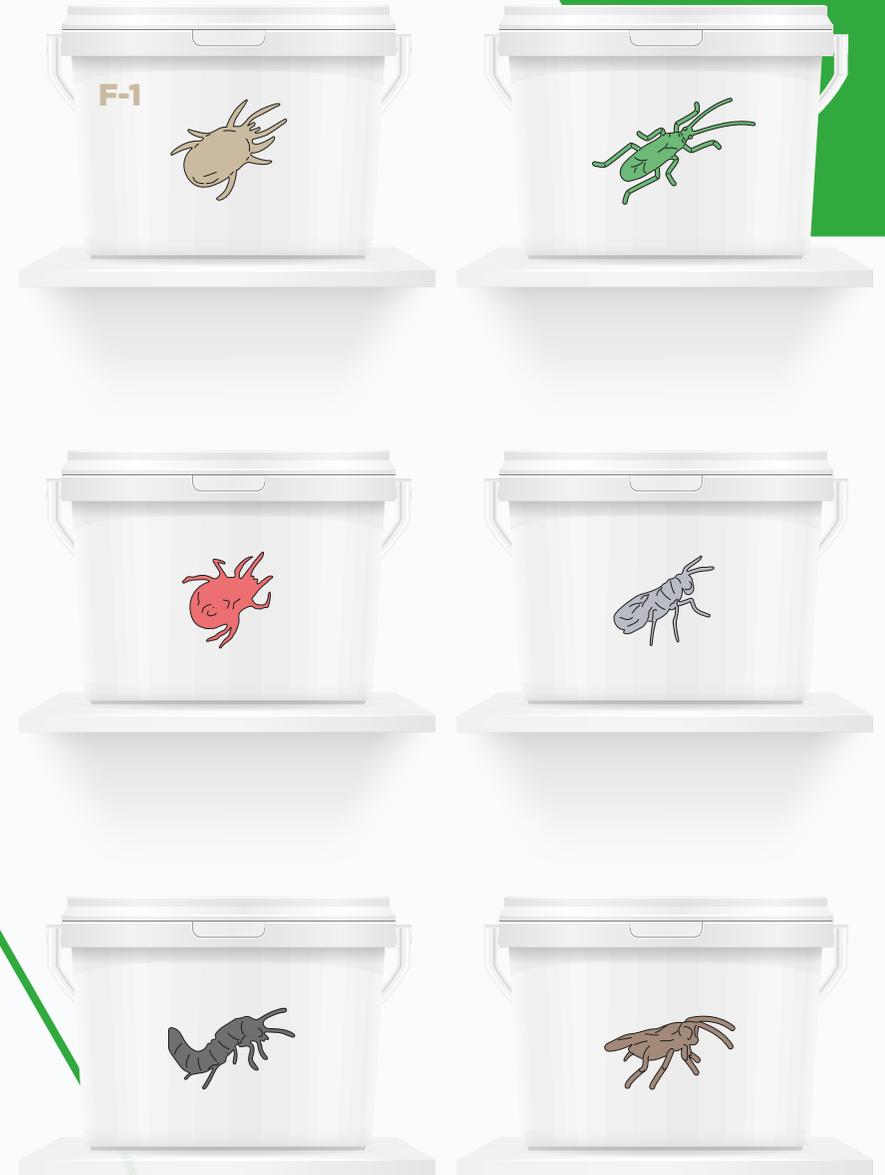


PRODUCTION OF BENEFICIAL INSECTS

BENEFICIAL MITES:

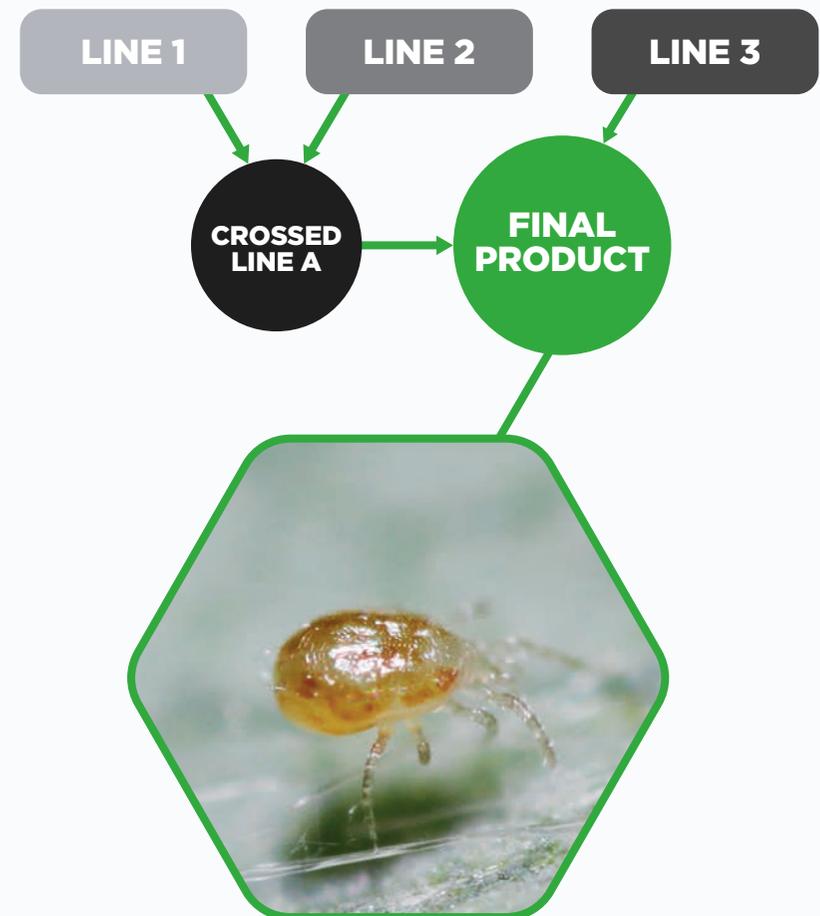
- CALIFORNICUS
- MONTDORENSIS
- CUCUMERIS
- HYPOASPIS MILES
- SWIRSKII
- AGRESTIS

MACROLOPHUS PYGMAEUS
THICHOGRAMMA



ADVANTAGES OF LINES CROSSED PREDATORY MITES F1

- LIFE PERIOD IN A GREENHOUSE IS 40% HIGHER
- THE SEARCH ABILITY OF OFFSPRING IS 20-35% HIGHER
- THE REPRODUCTIVE POTENTIAL AND FERTILITY OF FEMALES IS 20% HIGHER
- RAPID SETTLING OVER THE PLANT. EATING OF PESTS IS INCREASED BY 1.2 TIMES
- INCREASED TARGET RANGE: VARIOUS SPECIES OF HERBIVOROUS MITES (PROSTIGMATA), THRIPS (THRIPIDAE) AND WHITEFLIES (ALEYRODIDAE).
- BETTER TOLERANCE TO UNFAVORABLE HYDROTHERMAL CONDITIONS OF THE ENVIRONMENT



PATENTED TECHNOLOGY OF PREDATORY MITES CROSSING

LINES CROSSING TECHNOLOGY IS A METHOD OF MASS PRODUCTION OF MORE EFFECTIVE PREDATORY MITES.

IT IS REALIZED BY MEANS OF A STEP-BY-STEP INTERLINE CROSSING OF TROPHIC RACES (LINES), PREVIOUSLY PROPAGATED ON SEVERAL DIFFERENT FOOD SUBSTRATES.

12 TYPES

×

3

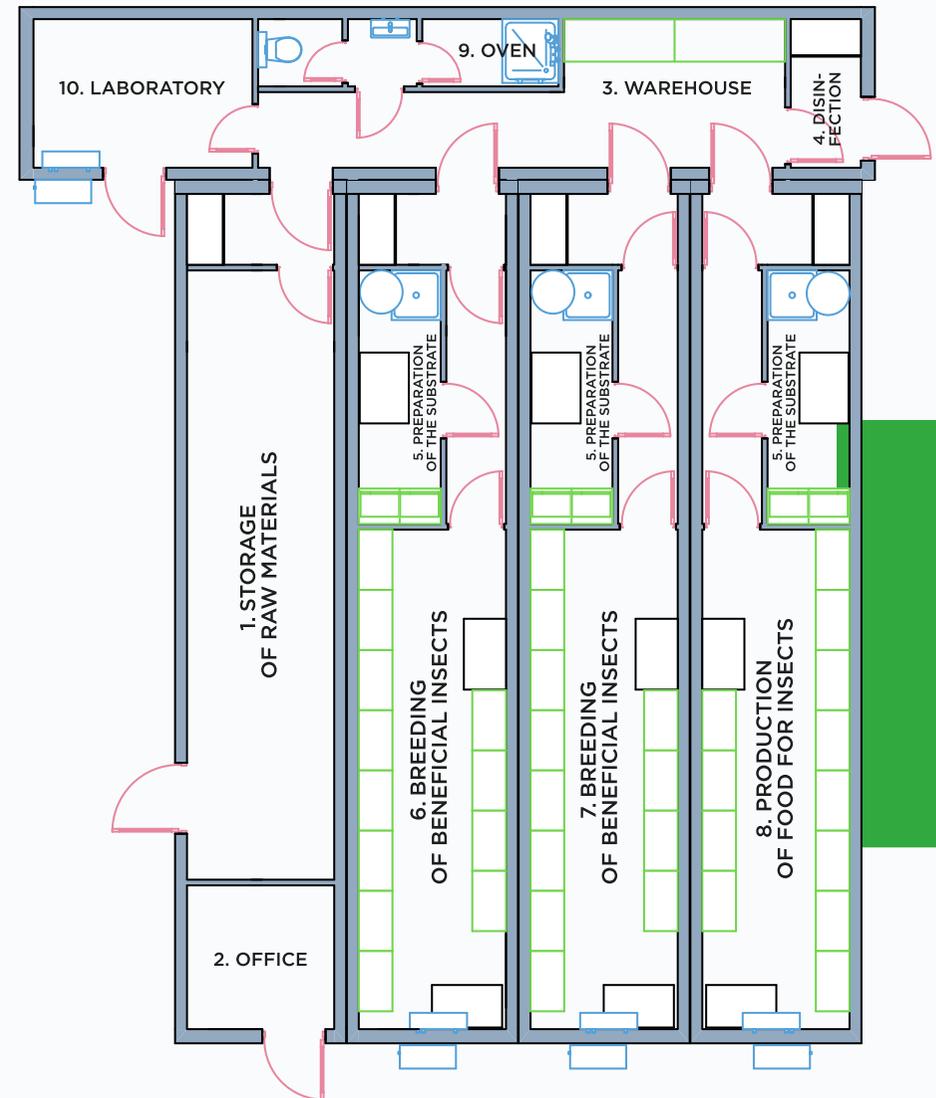
PARENT LINES
FEED LINES
TYPES
OF SUBSTRATE





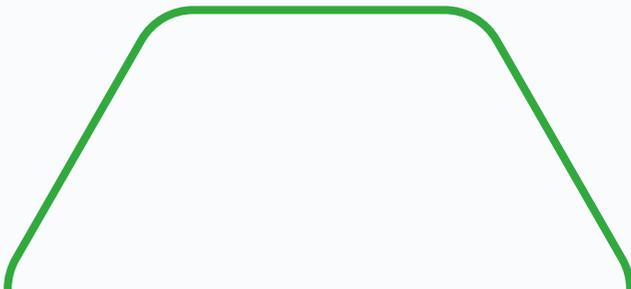
COMPARTMENTS OF BREEDING LAB

1. STORAGE OF RAW MATERIALS
2. OFFICE
3. WAREHOUSE
4. DISINFECTION
5. PREPARATION OF THE SUBSTRATE
6. BREEDING OF BENEFICIAL INSECTS
7. BREEDING OF BENEFICIAL INSECTS
8. PRODUCTION OF FOOD FOR INSECTS
9. OVEN
10. LABORATORY



EQUIPMENT

- AIR CONDITIONING SYSTEM
- VENTILATION SYSTEM
- AIR PURIFICATION SYSTEM
- WATER PURIFICATION SYSTEM
- SEWER SYSTEM
- BIOSECURITY SYSTEM
- FILLING MACHINE
- FRIGE



FRANCHISE CONSIGNMENT

- **TECHNOLOGICAL SUPPORT**
- **TRAINING**
- **INSECT QUEEN CELLS**
- **EQUIPMENT**
- **LAB CONSTRUCTION**

**RETURN
ON INVESTMENT
IN BUSINESS**

**1
YEAR**

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+3 1686 478 602 NL

+48 726 304 875 PL

+38 050 458 0373 UA

SAY YES TO BIO!

