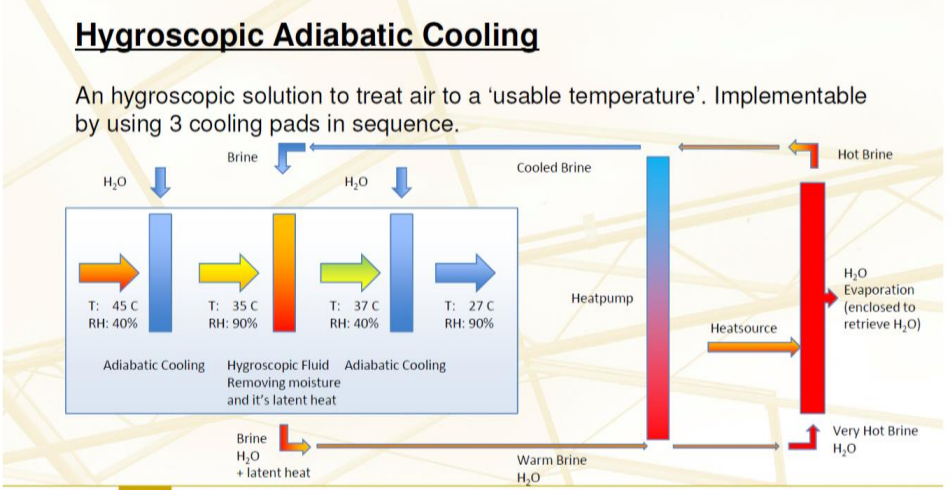
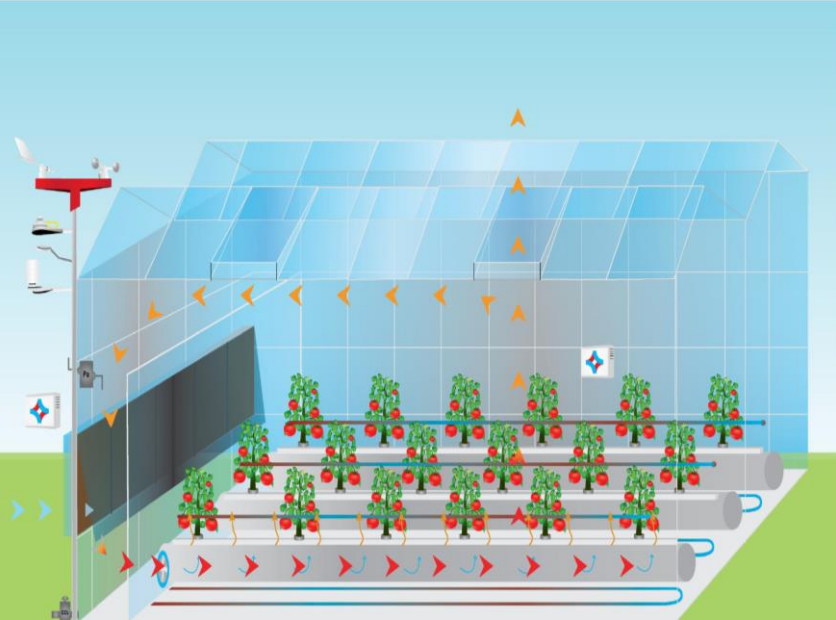


# Complex control of temp., humid., CO2, airflow, and fertilizer



The world's first greenhouse air conditioning  
Hygroscopic adiabatic cooling (HACo)

SARA acquires Asian license rights



# Vegetable cultivation in semi-closed greenhouse



Tomato  
107mX298beds X2  $\doteq$  64Km  
20 million plants



Coco organic  
Grow bags

Paprika  
107mX336 beds  $\doteq$  36Km  
24 million stems



Peat moss  
Organic grow pots

Lettuce  
11.6mX11,800G  $\doteq$  136km  
78 million plants



# Automated logistics carts and sorting/packaging line



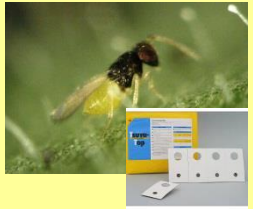
Real-time, wireless communication



# Clean vegetable by IPM (Integrated pest management)

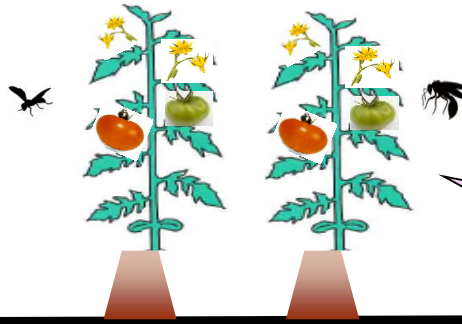


Natural enemy



遮光/保温カーテン

防蛾灯

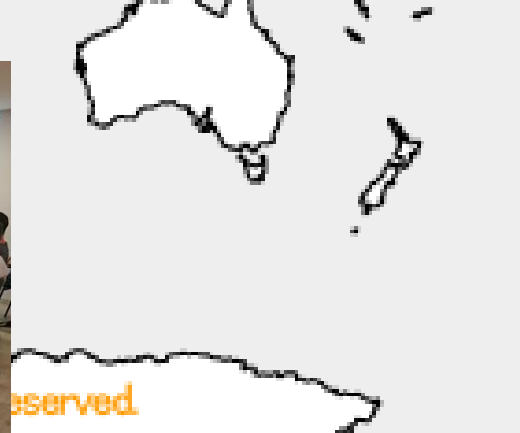
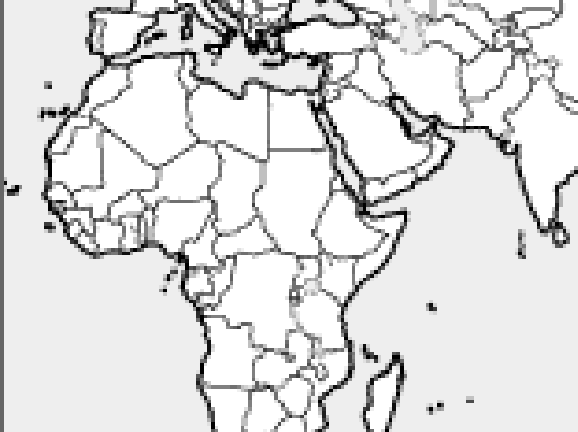
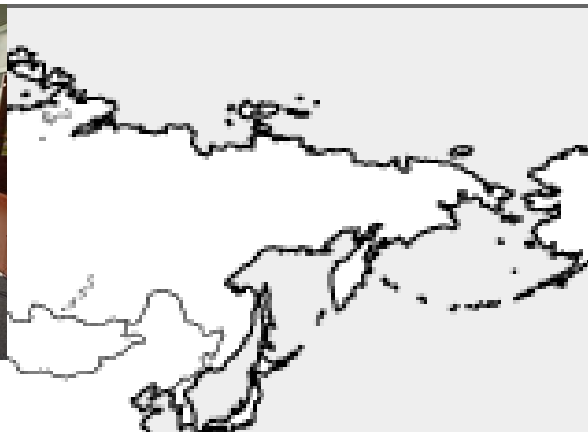


Bumble bee



Pesticide residue free

# Global conference by world leading business partners



# Greenhouse and power plant will be completed Dec., 2018



2019 April , lettuce



May, tomatoes



June, paprika



2019 January, connect grid  
April. FIT start



# SARA

Smart Agribusiness Research & Alliance