



DAYLIGHT HOURS

8-10 12-16 16-12 11-8



AIR TEMPERATURE (°C)

-1° to 6° 2° to 23° 13° to 25° 3° to 21°



IDEAL CONDITIONS FOR THE CROPS

Greenhouse concentration

Petals concentration

Open-air crops



ENERGY RESULTS . per year



OPV'S

~0,12MW



PVR - ALGAE

~39,71MW



P-MFC

42,84MW



41,16 MW



CO₂

209 TON ABSORBED BY ALGAE AND CROPS



112,8 TON CO₂ SAVED BY OPV'S



145,62 Mcal
831,41 Ton



TOTAL ENERGY
196,41 MW

The crop will be able to supply 42% of the demand for vegetables consumed by the new inhabitants

