



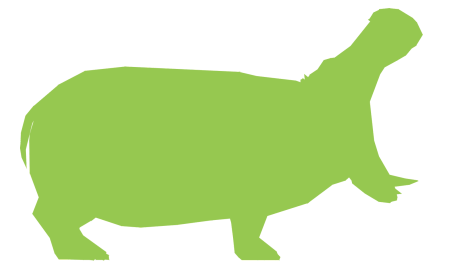
Traditional Farming



Traditional Greenhouse



High-Tech Greenhouse



Hippotainer



250 L water/kg lettuce



40L water/kg lettuce



20 L water/kg lettuce



5-7.5 L water/kg lettuce



3.9 kg Crop Yield /m2/year



19 kg Crop Yield /m2/year



41 kg Crop Yield /m2/year



58-65 kg Crop Yield /m2/year



60-120 days Growth Cycle



30-50 days Growth Cycle



20-30 days Growth Cycle



20-30 days Growth Cycle



High Nutrient loss
High Pesticide



Moderate use of Agro-chemicals
High Pesticide



Low use of Agro-chemicals
moderate Pesticide



Virtually Eliminated
Almost zero Pesticide



1100 kJ/kg Energy use



12,240 kJ/kg Energy use



90,000 kJ/kg Energy use



54,000 kJ/kg Energy use



High initial investment



High initial investment



High initial investment



Low initial investment



very low Land use efficient



very low Land use efficient



low Land use efficient



very high Land use efficient