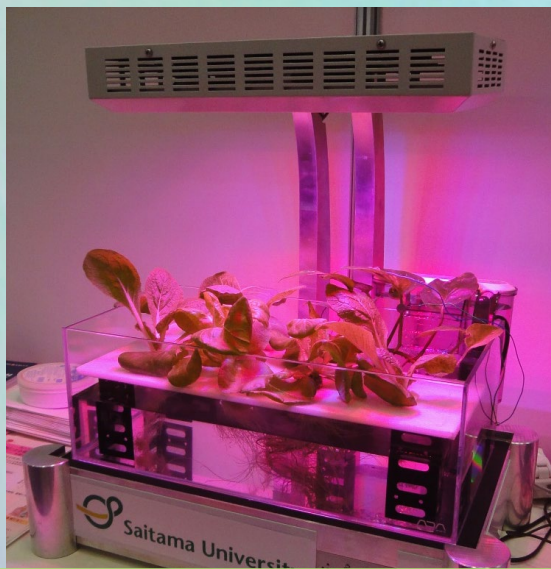
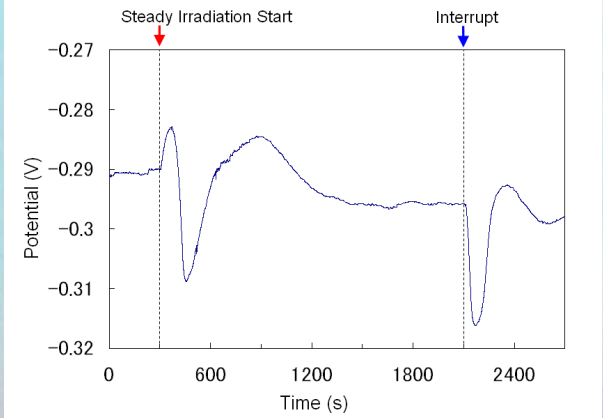


Energy Saving in Smart-Agri by Measuring Plant Bioelectric Potential + Decarbonization Awareness Promotion

Yuki HASEGAWA



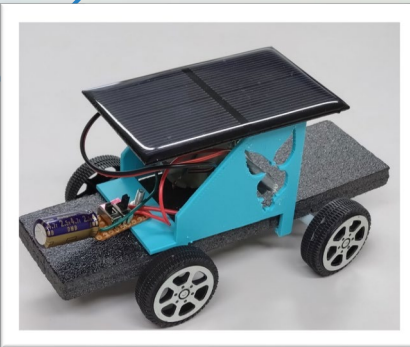
Hydroponic cultivation system with automatic light source control function using plant bioelectric potential response



Typical response of the plant bioelectric potential to light irradiation and interception.

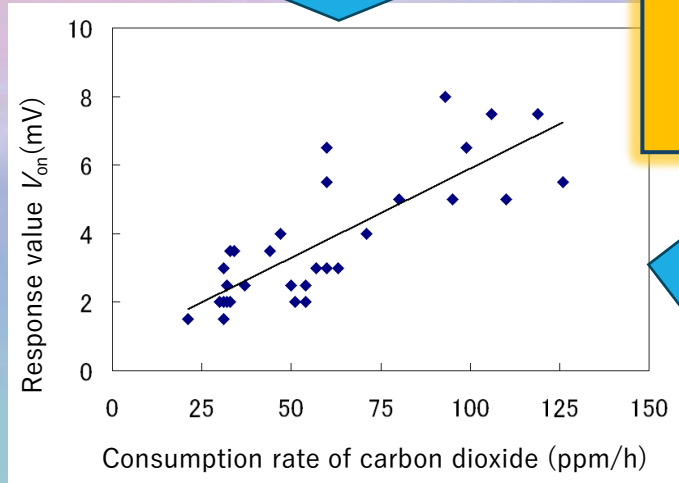


Energy saving,
High yield,
High nutrition value,
and Delicious!!

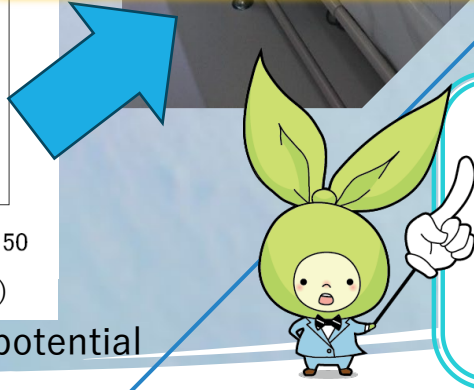
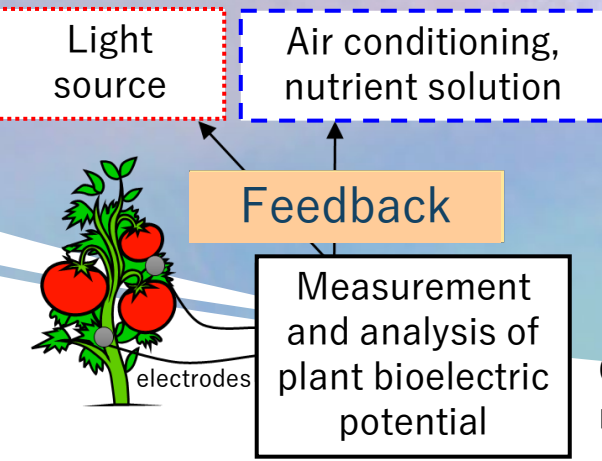


Our original rechargeable solar car

Visualization of plant activities and optimization of cultivation environmental factors



Correlation between plant bioelectric potential response and CO₂ consumption rate.



SU Official mascot character Merin-chan

We hold solar car crafting workshops for kids. Please contact us feel free if you have an interest in our events!!