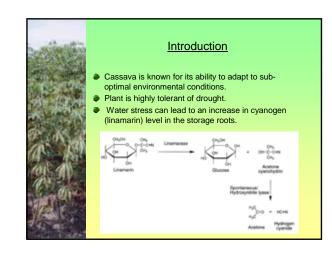
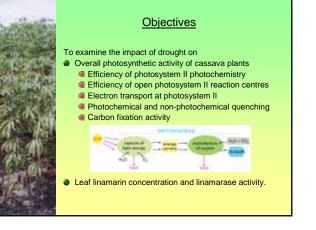
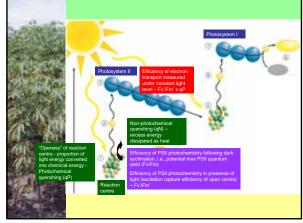


Drought-induced changes in photosynthesis & leaf linamarin level in cassava

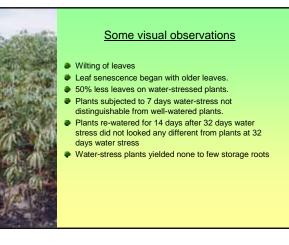
> B. L. Ong, S.S. Chan and H.H. Yeoh Department of Biological Sciences National University of Singapore

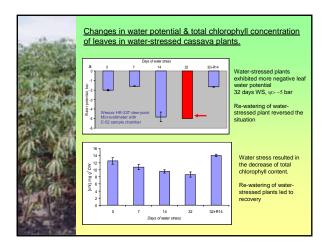


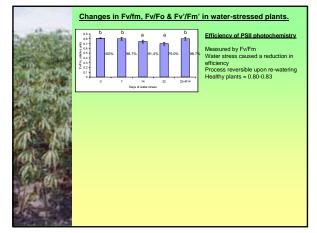


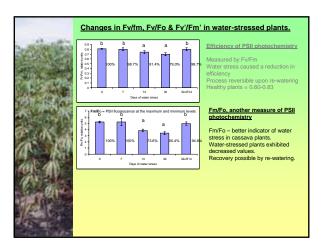


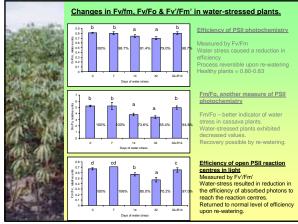


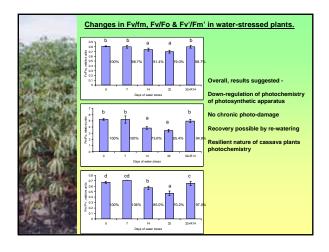


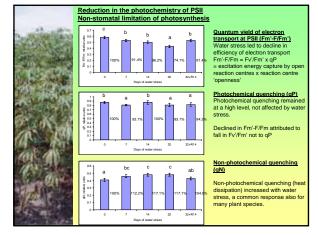


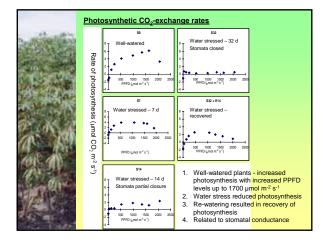


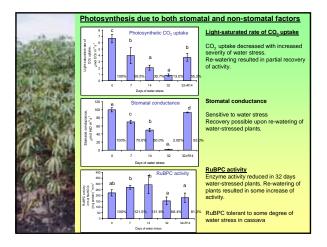


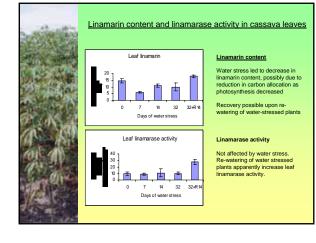


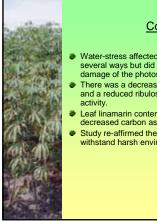












## Conclusion

- Water-stress affected cassava leaf photosynthesis in several ways but did not result in chronic photodamage of the photosynthetic apparatus.
- There was a decrease in photosynthetic CO<sub>2</sub> uptake and a reduced ribulose-1,5-bisphosphate carboxylase activity
- Leaf linamarin content decrease might be attributed to decreased carbon assimilation during water stress.
- Study re-affirmed the ability of cassava plants to withstand harsh environmental conditions.

