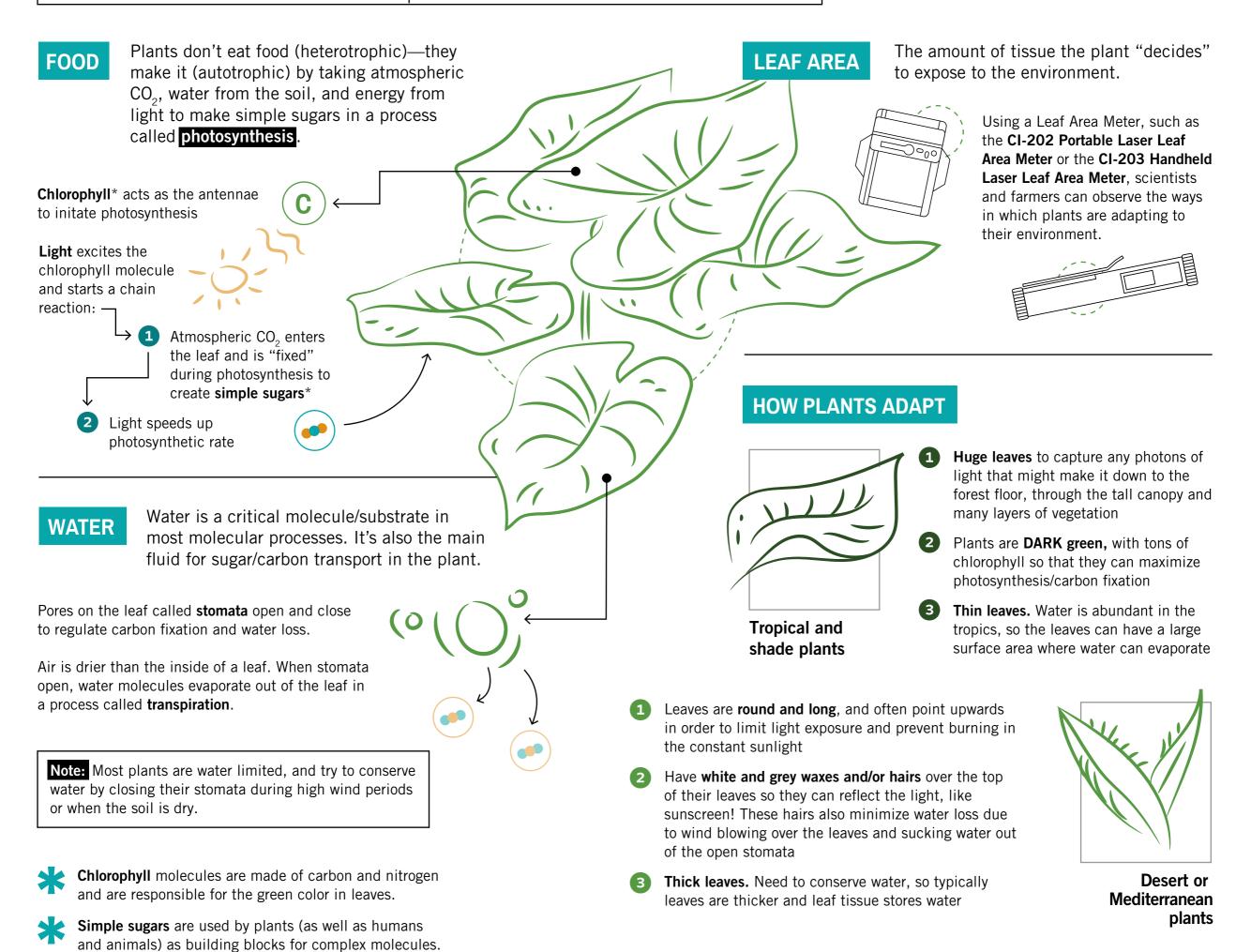
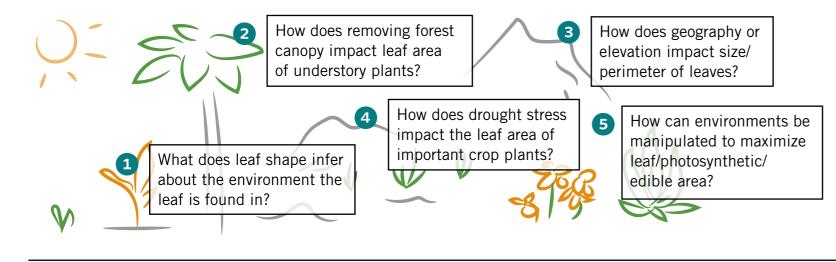
## **What are leaves** & why are they important?

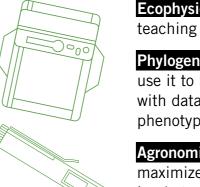
A leaf is a plant organ, exposed to the external environment. Leaves are the primary way plants interact with the atmosphere and take care of their basic needs. A balancing act: The area that plants invest in leaves comes down to how much leaf surface they want to expose in order to maximize the rate of photosynthesis, and how much water they can "afford" to lose to the atmosphere through **transpiration**.



## **5 Questions a Leaf Area Meter can help you answer!**



## Who uses a leaf area meter?



**Ecophysiologists** use it as a teaching or research tool

**Phylogeneticists and Botanists** use it to bolster genetic work with data about physical and phenotypic changes in the plant

Agronomists who are trying to maximize yield through increase in photosynthesis use it as a way to measure their efforts

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## Learn more about Leaf Area Meters at www.cid-inc.com