Monitoring flowering of eucalypt forests.

Using remote sensing techniques to detect flowering events for assessing forest ecosystem conditions & understanding the drivers of phenology.

CRC**HBP**
FOR HONEY BEE PRODUCTS

Australian Government
Department of Industry, Science, Energy and Resources
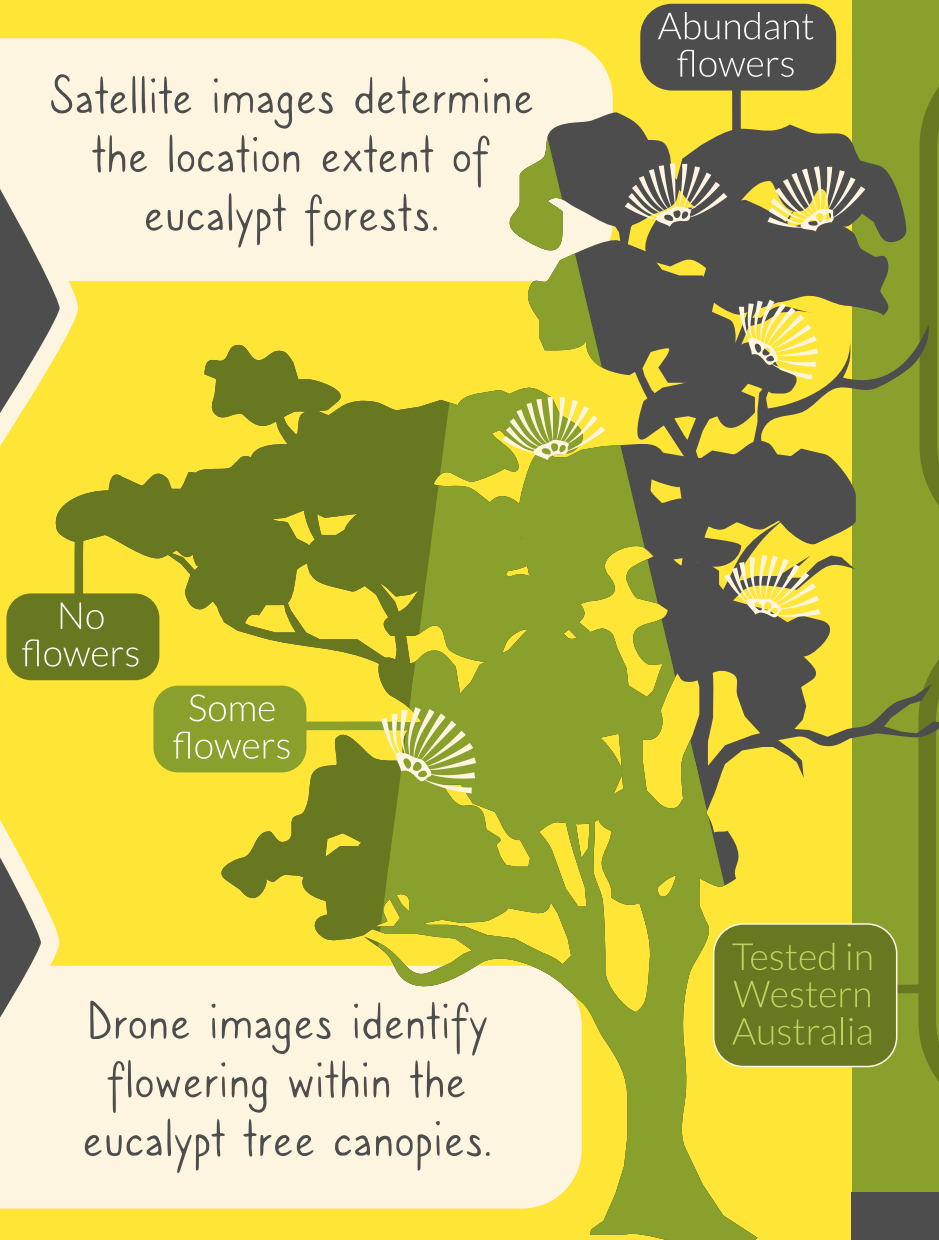**AusIndustry**
Cooperative Research Centres Program

Satellite images determine the location extent of eucalypt forests.

Built for marri forest

Drone images identify flowering within the eucalypt tree canopies.

Abundant flowers

No flowers

Some flowers

Tested in Western Australia

Indices detect green vegetation & cream-coloured flowers to create a flowering footprint.

TIME

SERIES

A machine learning model predicts daily amounts of flowering through season.

www.crchoneybeeproducts.com