Divided by sexes



This causes **imbalance** in the number of female plants leading to less oil production



Why do males survive better than females?



They found that the male sex chromosome is longer with two large regions that are absent in the female sex chromosome



Al-Dossary and colleagues looked at the genetic information of both male and female plants

Genetic information is encoded in **genes** which are found in **chromosomes** of cells



Researchers hope to understand whether these **extra genes** in the male sex chromosome play a role in **drought tolerance**





Paper: Othman Al-Dossary et al | The jojoba genome reveals wide divergence of the sex chromosomes in a dioecious plant, The Plant Journal (2021) | Artist: Clarita Mendes This project is funded through an outreach grant awarded to Ravindra Palavalli Nettimi and Krishna Anujan