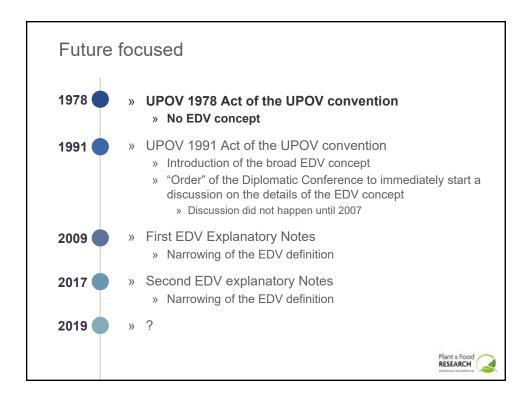




### Future focused 1978 » UPOV 1978 Act of the UPOV convention » No EDV concept » UPOV 1991 Act of the UPOV convention 1991 » Introduction of the broad EDV concept "Order of the Diplomatic Conference to immediately start a discussion on the details of the EDV concept » Discussion did not happen until 2007 » First EDV Explanatory Notes 2009 » Narrowing of the EDV definition » Second EDV explanatory Notes 2017 » Narrowing of the EDV definition » ? 2019 Plant & Food RESEARCH



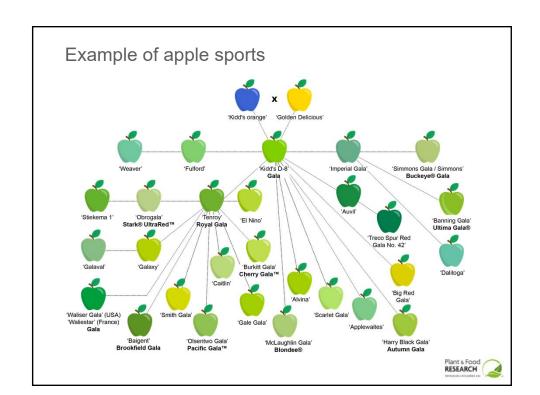
# Breeding strategies

- UPOV 1978 Act of the UPOV convention

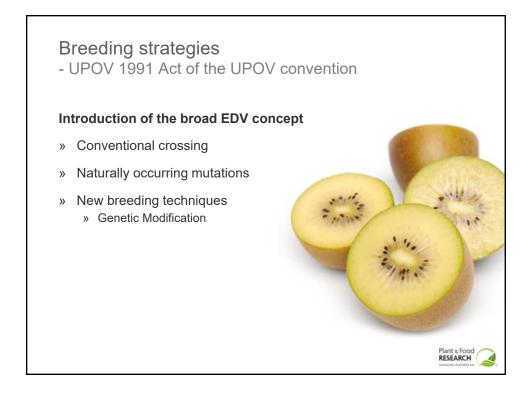
#### No EDV concept

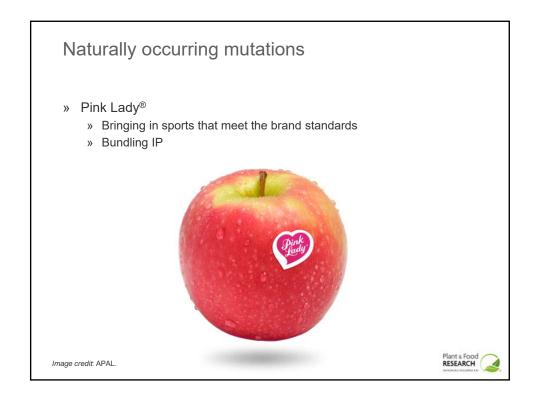
- » Conventional crossing
  - » Including deliberate outcrossing and planned backcrossing strategies
  - » Long periods of evaluation
    - » Apples and pears 20+ years
    - » Blueberries 15 20 years
    - » Raspberries 10 -15 years
    - » Kiwifruit 15 20 years
    - » Stonefruit 15 20 years
    - » Table grapes 15 20 years
    - » Citrus 15 20 years
    - » Strawberries 10 15 years
- » Naturally occurring mutations
  - » Sports in apples

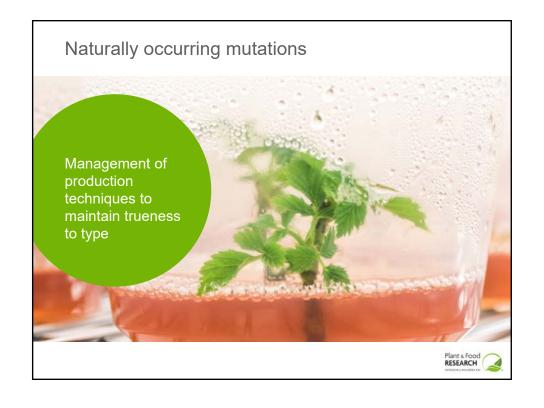


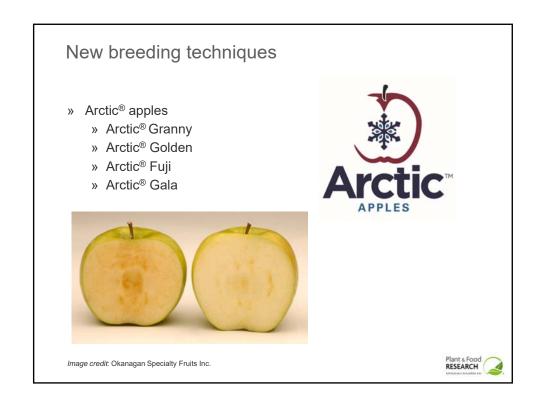


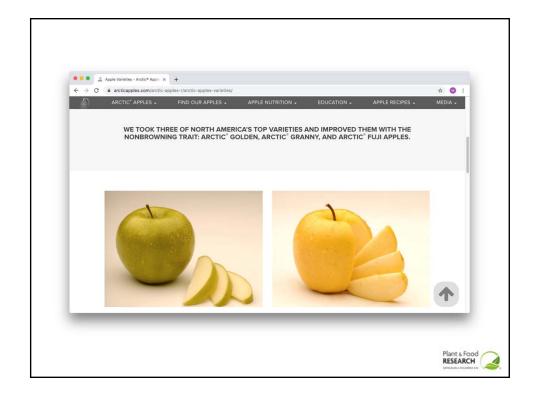
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