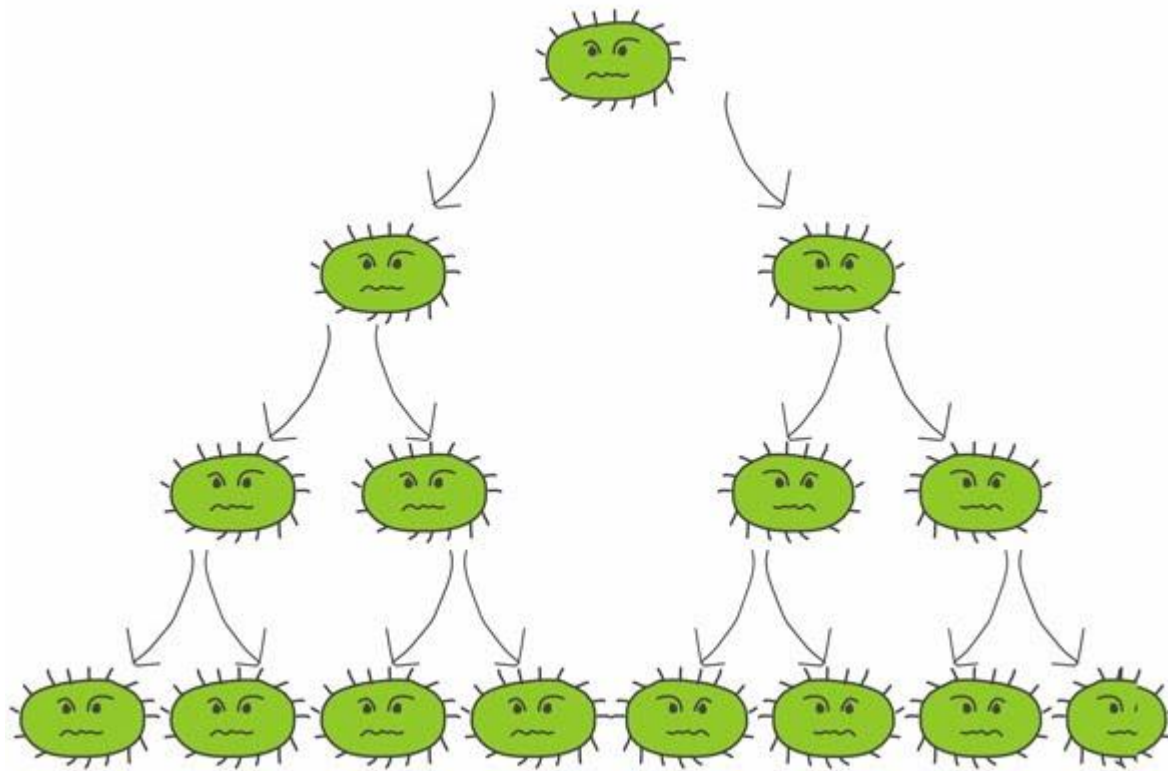
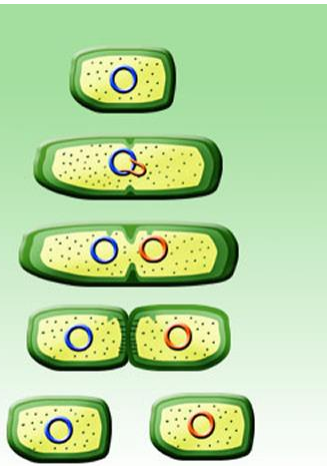


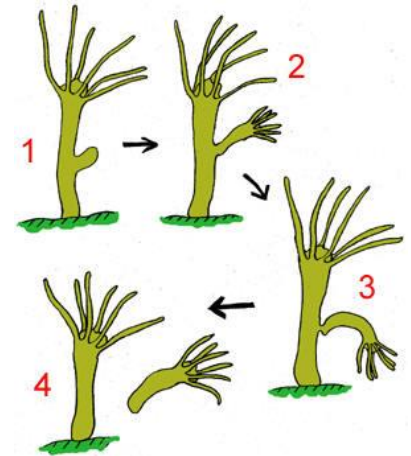
Asexual reproduction



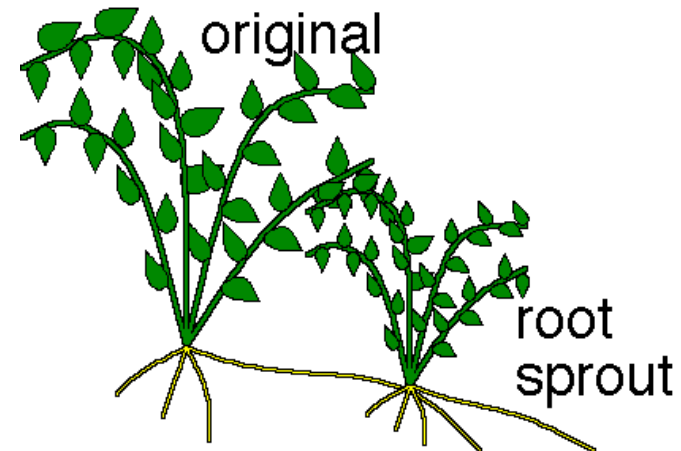
Types of asexual reproduction



- Fission
- Budding
- Vegetative propagation
- Spore formation



- Cloning



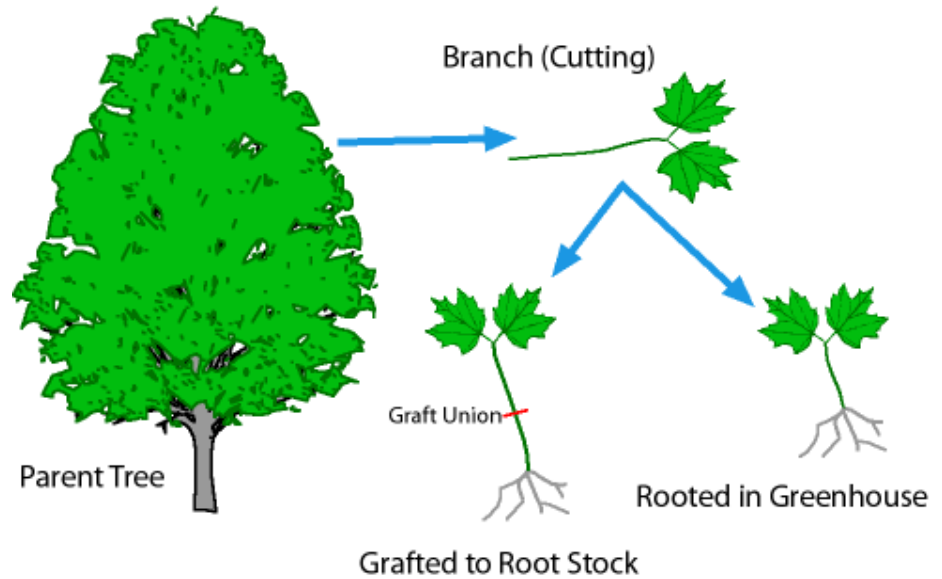
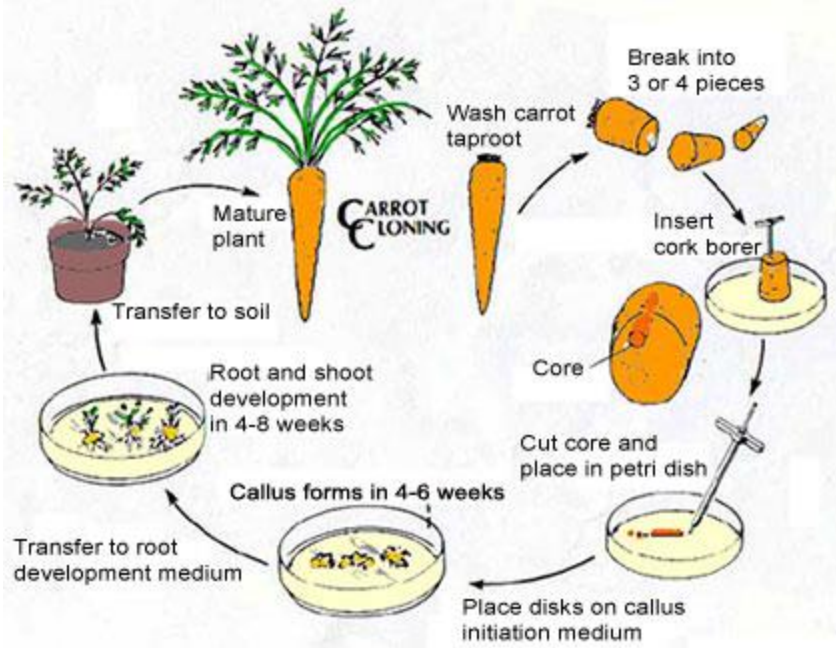
Advantages of asexual reproduction

- Only needs one parent
 - Fast
- Can produce large numbers
 - Energy efficient

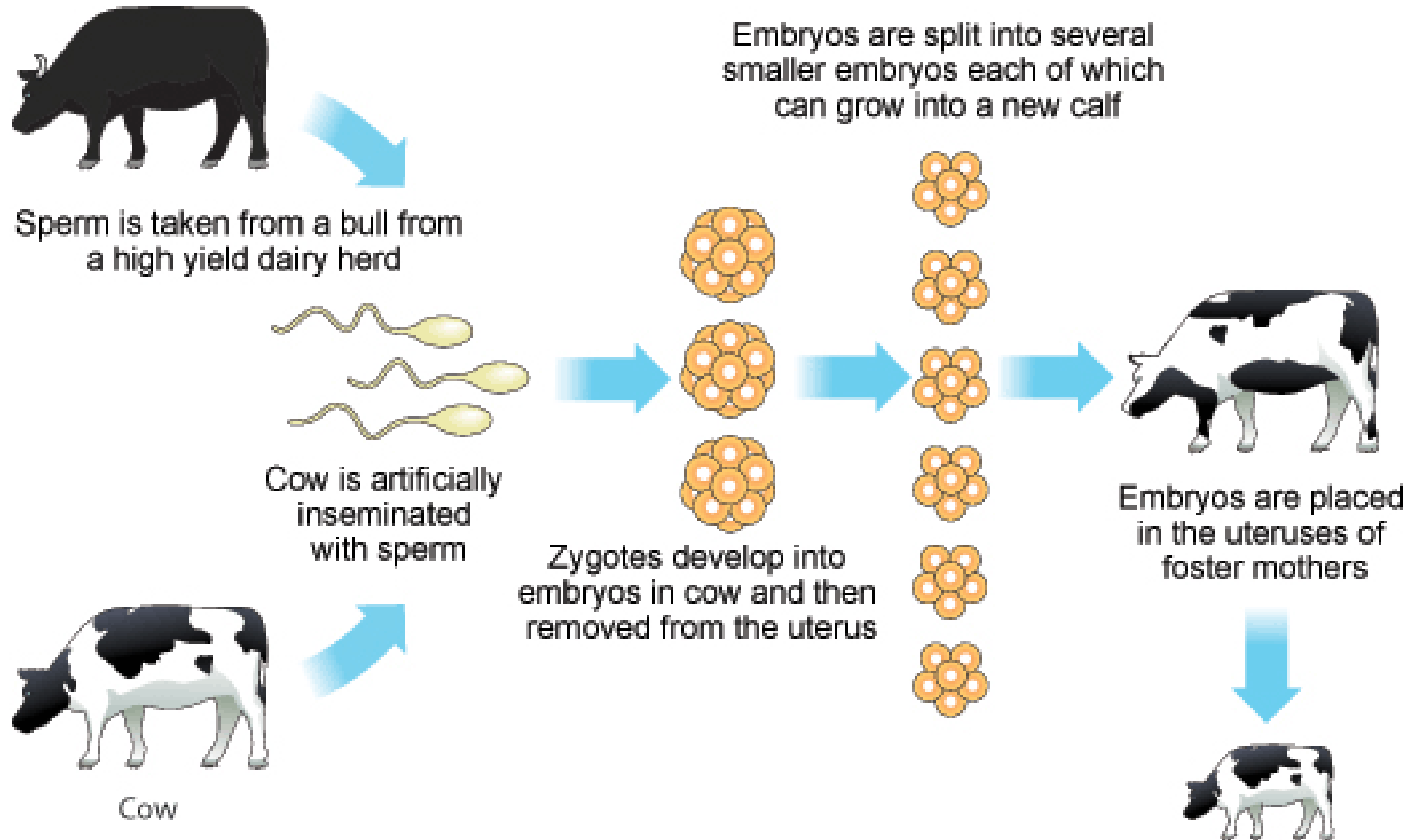
Disadvantages of asexual reproduction

- Genetically identical offspring
- Promotes competition for resources
- Not suited to a changing environment
 - Not much fun!

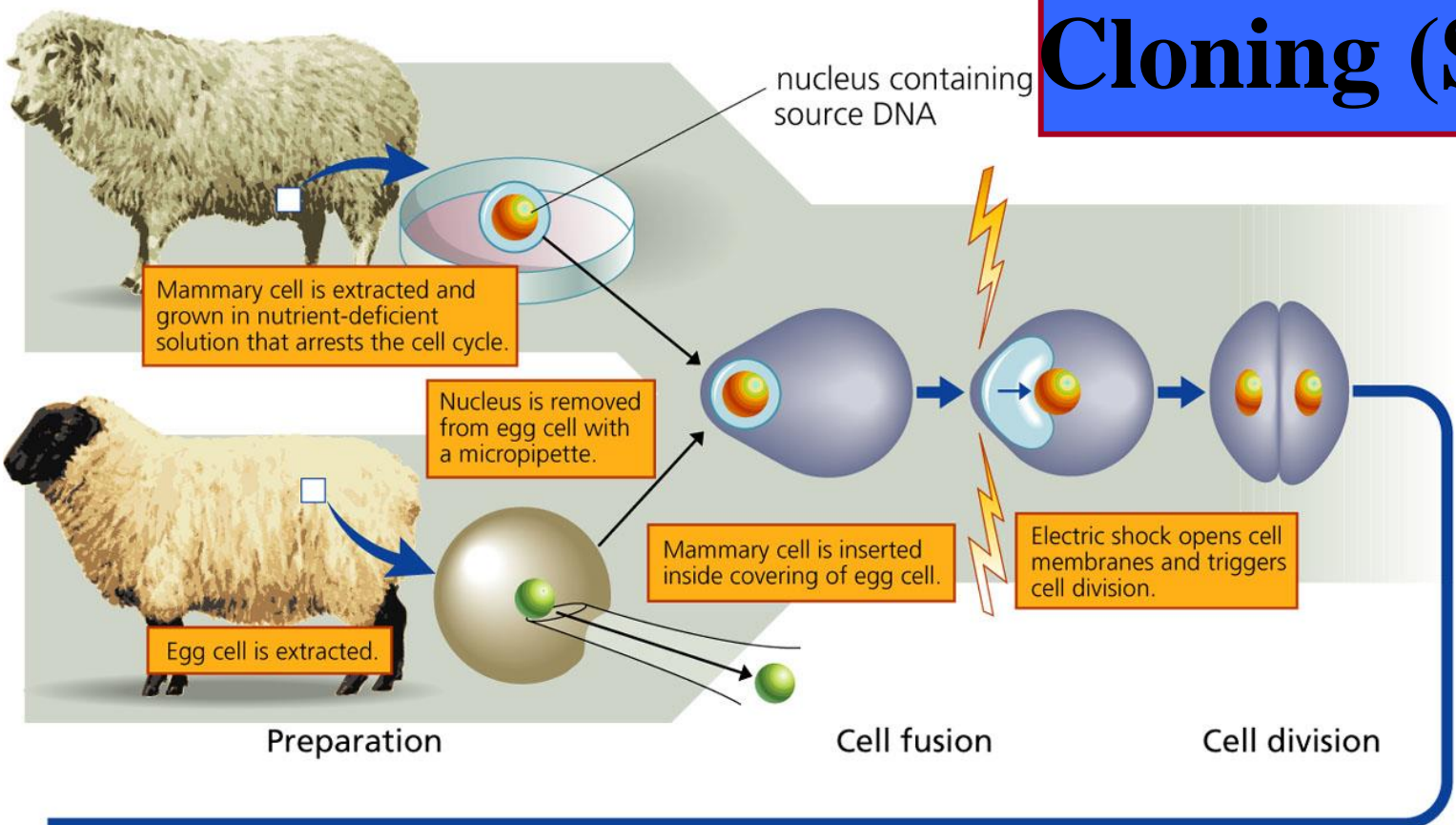
Cloning in horticulture



Cloning using embryo transplants



Cloning (SCNT)



Development Implantation Birth of clone Growth to adulthood

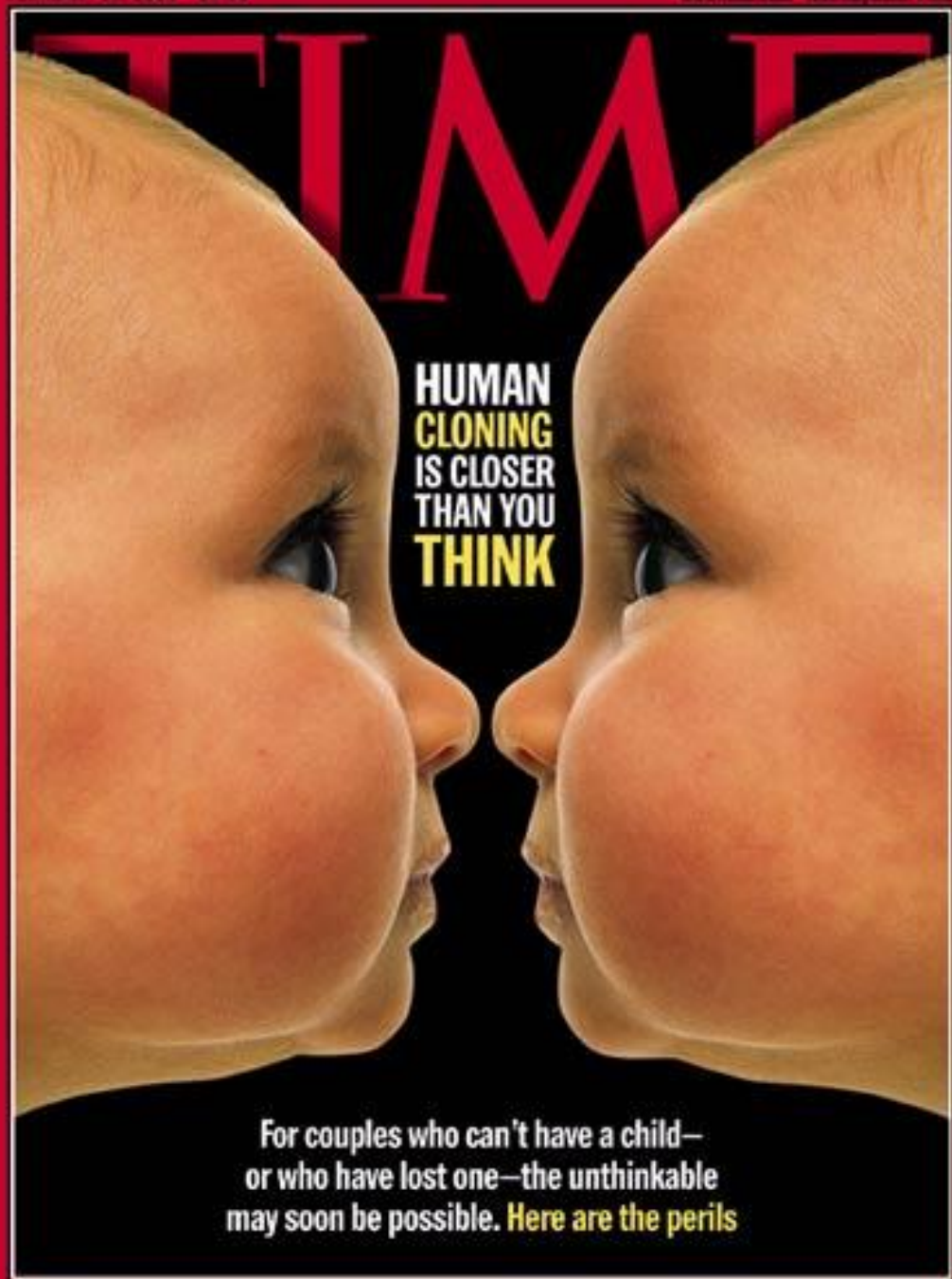


Human Cloning?





"Holy great mother of God, I've been cloned!"



**HUMAN
CLONING
IS CLOSER
THAN YOU
THINK**

For couples who can't have a child—
or who have lost one—the unthinkable
may soon be possible. **Here are the perils**