

## Human Impact On Genetics

Selective Breeding = the process of developing a plant or animal by selecting parents with desirable traits  
↳ humans have been doing this for a LONG time  
ex. dog breeds, race horses, apples, F1 savannah cats

Genetically Modified Organisms (GMOs) = are created by taking a desirable trait from one species and inserting it into a different species  
ex. glowing cats to study HIV, anti-freeze proteins in tomato plants, super trees, super cows

### Advantages/Benefits to GMOs

1. Produce larger crop yields
2. Decrease food costs
3. Solve medical problems
- 4.
- 5.

### Disadvantages/Dangers of GMOs

1. No idea of long term effects
2. Created resistant "super bugs"
3. Not properly labeled
- 4.
- 5.