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April 17, 2019 11:02 AM

| | Name: |
|---|---|
| | Date: |
| Genetics: Lesson 10 – Artificial Selection | Block: |
| Artificial Selection: 15 the intent | mans chose) |
| Plants Farmers will pick the plan with the best trait | Cabbage - suppression of internode length |
| Planting different parts plant will cause different Variations. | Cauliflower - sterility of flowers Wild mustard of la |
| Polyculture: The agricultural p Monocalture: | practice of growing genetically cal plants. wactive of growing genetically |
| Pros | · Earner for disease to Spread, |

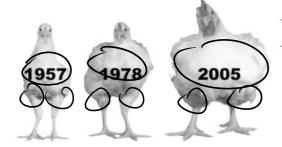
Animals

Ex. Farmers

Formers may pick animals that are bigger or

Produce more milk to breed so that their offspring

will be more likely to carry there traits



Dogs descended from wolves but instead of adapting to their environment, humans played the main role in their evolution we felected for cuteness or well-mannered we now have "pure bred" dogs. But we often in breed (breed within family) to keep genes "pure" which leads to health defects.



Early 1905

modern day pug

Selective breading can be good to increase chance OF better traits but it is important to keep diversifying and allow for some natural Felection