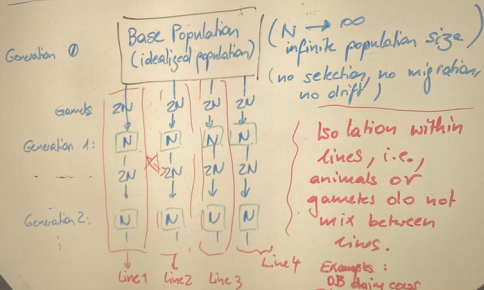


- Inbreeding seems to be related to a higher degree of similarity at the genotype level, because inbreeding can only occur at homozygous loci.
- $\text{Var}(u_i)$ of breeding value u_i ~~is~~ is increased with a higher level of inbreeding (F_i)

Solution: How does inbreeding get introduced in a population?



Isolation within lines, i.e., animals or gametes do not mix between lines.

Examples:
DB dairy cows
8 bulk migrated
to N-America