

Incomplete Dominance

Incomplete Dominance: The heterozygous genotype produces a phenotype that falls in between the dominant trait and the recessive trait.



RED

PINK

WHITE

Incomplete dominance

- A situation in which neither allele is dominant.
- When both alleles are present a “new” phenotype appears that is a blend of each allele.

Japanese four-o'clock flowers

- Red flower plant genotype = **RR**
- White flower plant genotype = **rr**
- Pink flower plant genotype = **R'r**



Cross an incompletely dominant white cow with an incompletely dominant black cow. Give genotypes and phenotypes of offspring.