Important for selection process: Observed or measured traits (phenotyps) are not passed from passes to offering. But board on genetics: Parents pass a random sample of their alkles to their offsprila - Therefore parents must be selected based on the value of the sample of alleles Un known - Oshmate => estimated breedly · Observed or measured characteristics (traits) are called phenotypes (P) · According to our genetic model that we use, phenotypes can be olecomposed into a genetic - part (6) and into an environmental part (E) P = G+E + can be partly observed