Genefypic Value Vij is a random varidde · Proportes of Vij: Population mean (n) corresponds to the expected value of Vij M= E(Vij) = Vm · f(GnGn) + V12 · f(GnGn) + 122 · f (6264) with Hardy - Wein beg: a = Vm · p + Vnz · Zpg + Vzz · 9 = a.p2 + d.2pg + (-a).q2 =  $(p^2 - q^2)a + 2pq al = (p-q)a + 2pq al$ Population specific