Thean of offspring of animal i with george G1G1. M = (0-0) 0 - 2 d (Mean of offspring of animali M = (p-q) a + 2pad Breeding balue (Blin) for animal i with genotype G. G. = 2 (p.a+q.d-(pq)a-2qqol) = 2 (p: 9+ q: d-p: a+q: a-2pad) = 2 (qd+qa-2pqd) = 2 (99+99 (1-299)) = 29(9+d(1-20)) p+9-2p=9-P = 29 (9+(9-p) 0)