Breeding value BVM for pavent S with geroppe 3

$$BN_{M} = 2(p_{9} + q_{0} - [(p_{9})_{9} + 2p_{0}])$$

$$= 2(p_{9} + q_{0} - [(p_{9})_{9} - 2p_{0}])$$

$$= 2(p_{9} + q_{0} - p_{0} + q_{0} - 2p_{0})$$

$$= 2(q_{0} + q_{0} - 2p_{0})$$

$$= 2(q_{0} + q_{0} - 2p_{0})$$

$$= 2q(q_{0} + q_{0} - 2p_{0})$$

$$= 2q(q_{0} + q_{0} - 2p_{0})$$

$$= 2q(q_{0} + (p_{0} - 2p_{0}))$$

$$= 2q(q_{0} + (p_{0} - 2p_{0}))$$

$$= 2q(q_{0} + (q_{0} - p_{0})) = 2q(q_{0} + (q_{0} - p_{0}))$$