

Mixed Mating Systems

| Category | Mating | Frequency | E[AA] | E[AB] | E[BB] |
|----------------|---------|---------------------|------------------------|------------------------|------------------------|
| Selfed (s) | AA x AA | sP | sP | | |
| | AB x AB | sQ | sQ/4 | sQ/2 | sQ/4 |
| | BB x BB | sR | | | sR |
| Outcross (1-s) | AA x AA | (1-s)P ² | (1-s)P ² | | |
| | AA x AB | (1-s)2PQ | (1-s)PQ | (1-s)PQ | |
| | AA x BB | (1-s)2PR | | (1-s)2PR | |
| | AB x AB | (1-s)Q ² | (1-s)Q ² /4 | (1-s)Q ² /2 | (1-s)Q ² /4 |
| | AB x BB | (1-s)2QR | | (1-s)QR | (1-s)QR |
| | BB x BB | (1-s)R ² | | | (1-s)R ² |