



The Hybrid Advantage

05-Nov-2014

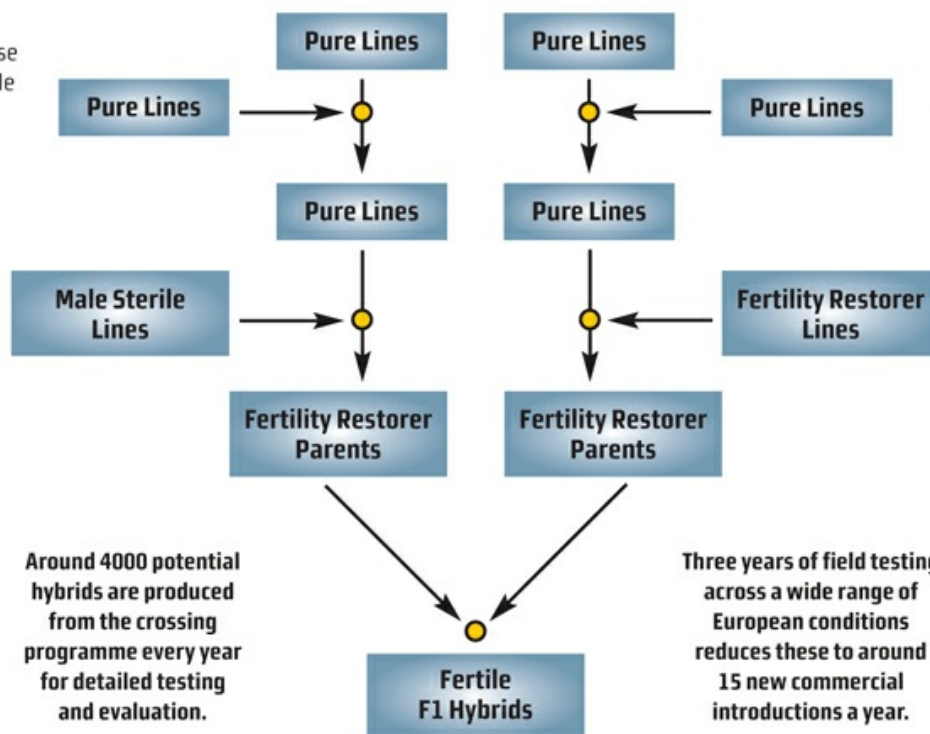
Aided by the most advanced genomic techniques, DEKALB hybrid breeding is:

- Dramatically improving rates of genetic gain by cutting the time taken to develop new
- Producing high output varieties with enhanced levels of stress tolerance that perform with greater reliability and reduced risk under the widest range of conditions.
- Exploiting hybrid vigour across a range of important characters by the careful crossing of genetically dissimilar parents.

DEKALB HYBRID BREEDING

Separate breeding programmes develop a wide range of Parent lines with superior characteristics which are then crossed together to combine the best of both.

Female parents developed from these lines need to be male sterile to prevent self-pollination.



Male parents must carry a fertility restorer to ensure the resulting hybrids can produce seed.

Around 4000 potential hybrids are produced from the crossing programme every year for detailed testing and evaluation.

Three years of field testing across a wide range of European conditions reduces these to around 15 new commercial introductions a year.