

PARAMETERS INFLUENCING GERBERA CUT FLOWERS  
LONGEVITY

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More than 300 Gerbera cultivars differ among them because of weight, diameter and form of inflorescences: these may be either simple or semidouble or double. Stem diameter and weight differ from one cultivar to another, so does vase life length (longevity). Thus, morphological characters have been plotted against longevity.

The diameter of the proximal stem in cv 'Tuba', diameter of inflorescence in cvs 'Rebecca', 'Terrafame' and 'Tuba', stem length of 'Tuba', internal disk diameter in cv 'Marleen' show high degree of correlation with longevity.

Furthermore, as various cultivars exhibit different osmotic pressures, this character has been related to longevity; osmotic pressure os preservative solution has been adapted to the level of the stem osmotic pressure.