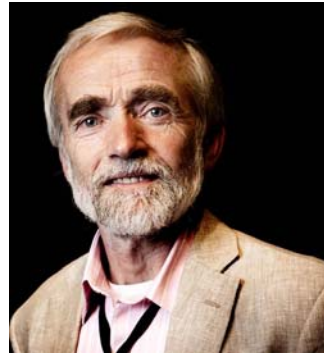

CURRICULUM VITAE

Dr. Ir. J.M. (Jaap) van Tuyl

date of birth	14-01-1950
academic education	Phytopathology, Genetics, Entomology Wageningen Agricultural University (1968-1974)
PhD thesis	Genetics of fungal resistance to systemic fungicides, Department of Phytopathology, Wageningen Agricultural University (1977)
former positions	1974-1977 Researcher Department of Phytopathology, Wageningen Agricultural University 1977-1989 Senior Scientist IVT, Wageningen 1989-1999 Senior Scientist CP(R)O, Plant Breeding Wageningen 2000- Senior Scientist, Plant Breeding Group, PRI / Wageningen University.
present position	1990- Head of the section bulbous plants, Department of Ornamental Crops 2000- Bulbous and ornamental plants Business Unit Biodiversity and Breeding, Wageningen University and Research Center (WUR) 2005- Ornamental breeding Wageningen University WUR Plant Breeding.
present research topics	<ul style="list-style-type: none"> - New breeding methods in bulbous plants - Interspecific hybridization of lily, tulip and Zantedeschia - In vitro pollination and embryo rescue techniques - Mitotic and meiotic polyploidization of lily and molecular cytogenetics of lily - Breeding for resistance of lily and tulip to virus - Development of molecular marker techniques in lily and tulip - Genetic resources of bulbous crops.
Supervision	- 10 PhD-candidates finished PhD-degree, 2 or more candidates to go; many MSc-students.

Short Biography

Dr. Jaap Van Tuyl is a breeder/geneticist of bulbous and ornamental plants who directs the bulbous program at the Plant Breeding Department of Wageningen University and Research Center, the last 33 years. He has experience in the commercial ornamental industry as a flower breeder and a specialist in interspecific hybridization. His areas of expertise include interspecific hybridization, polyploidization, in vitro pollination and embryo rescue techniques, development of molecular marker techniques in lily and tulip, resistance breeding, flower longevity and genetic resources of bulbous plants. Dr. Van Tuyl carries out ornamental breeding projects in cooperation with many Dutch and international companies. His research program is focused on interspecific hybridization, disease resistance, chromosome painting and molecular marker techniques of flower bulbs.

The following crops are being bred and researched in the breeding program:

- *Lilium*: interspecific hybridization, molecular marker assisted breeding, Fusarium, virus and Botrytis resistance breeding, chromosome painting (GISH)
- *Tulipa*: interspecific hybridization, molecular marker assisted breeding, Fusarium, virus and Botrytis resistance breeding, chromosome painting (GISH)
- *Zantedeschia* interspecific hybridization, plastome genome barriers, Erwinia- resistance,
- *Iris, Narcissus*: interspecific hybridization

Under supervision of Jaap van Tuyl 12 graduate students obtained their PhD degrees in ornamental breeding and genetics, while currently 3 students working for their PhD in the lily breeding program.

Websites: <http://www.liliumbreeding.nl>. www.ornamentalbreeding.nl

Dr. Ir. J.M. (Jaap) van Tuyl**Scientific publications 1974-2010 (refereed)**

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