



APPLICATIONS UNDER EXAMINATION

TOMATO

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(*Lycopersicon esculentum* var. *esculentum*)

Proposed denomination: 'Annamay'
Application number: 09-6635
Application date: 2009/04/28
Applicant: Enza Zaden Beheer B.V., Enkhuizen, The Netherlands
Agent in Canada: Variety Rights Management, Oxford Station, Ontario
Breeder: Marcellinus Jacobus Mooij, Mooij, Marcellinus, Bovenkarspel, The Netherlands
Herlaar Frits, Herlaar, Frits, Westwoud, The Netherlands

Note: The applicant has requested an exemption from compulsory licensing to allow time to multiply and distribute propagating material of the variety. If the exemption is granted, it may be allowed for two years from the date rights are granted for the variety.

Variety used for comparison: 'Oakley'

Summary: *The internode length of 'Annamay' is longer than that of 'Oakley'.*

Description:

SEEDLING: anthocyanin colouration of hypocotyls absent

PLANT: indeterminate growth habit, anthocyanin colouration of stem absent

LEAF: horizontal attitude, bipinnate division of blade, medium size, dark green colour, horizontal attitude of petiole of leaflet in relation to main axis

INFLORESCENCE: mainly uniparous type

FLOWER: no fasciation, no pubescence of style, yellow colour, abscission layer present, short peduncle

TIME OF MATURITY: early to medium

FRUIT (BEFORE FRUIT MATURITY): small green shoulder, light to medium green colour, medium intensity of green colour

FRUIT (AFTER FRUIT MATURITY): small to medium size, very small length/diameter ratio, circular shape in longitudinal section, absent or very weak ribbing at peduncle end, round cross section, very weak to weak depression at peduncle end, small of peduncle scar, small of blossom scar, indented to flat shape at blossom end, small to medium size of mid-point of core in cross section, medium thickness of pericarp, only two locules, red colour at maturity, red flesh, firm, medium shelf-life, medium dry matter content

TIME OF FLOWERING: medium

Origin and Breeding: 'Annamay' is the result of a cross made in 2005 between 'OT 2536' and 'OT 2560' at Enkhuizen, The Netherlands. Selection criteria were small sized fruits with a rounded shape. 'Annamay' was propagated and tested for two years at Enkhuizen, The Netherlands. Additional evaluation criteria used were greenhouse cultivation and resistance to *Verticillium dahlia*, *Fusarium oxysporum*, *Cladosporium fulvum*, Tomato Mosaic Virus, and *Oidium lycopersium*.

Tests and Trials: Trials for 'Annamay' were conducted in Oxford Station, Ontario during 2009 and 2010. The trial included 27 plants per variety and grown in a greenhouse. The plants were grown in 22 cm diameter pots, spaced 50 cm apart.

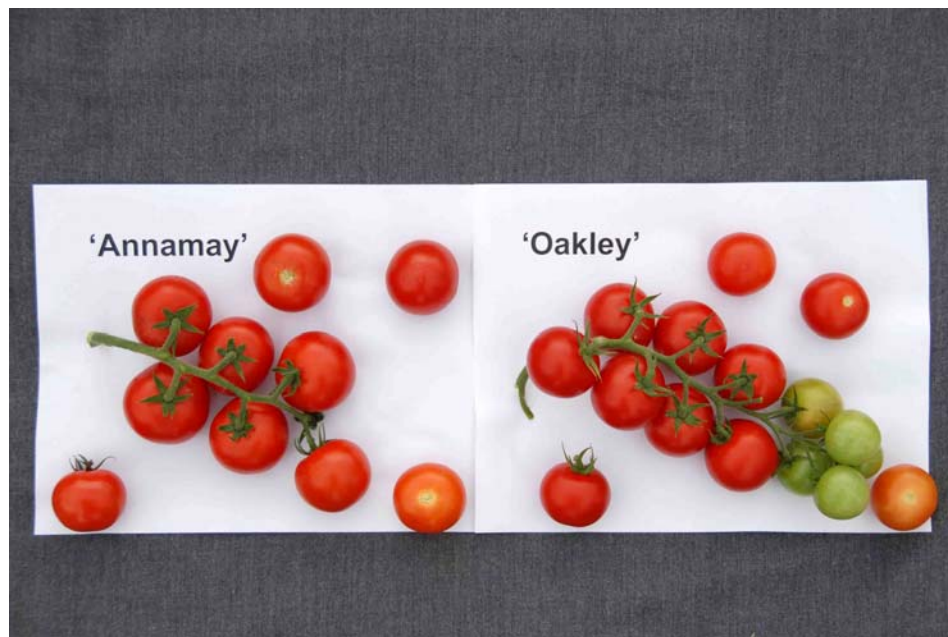
Comparison table for 'Annamay'

	'Annamay'	'Oakley'*
<i>Stem: length of internode (between 1st and 4th inflorescences) (cm)</i>		
2009 mean (LSD=1.62)	10.06	7.45
standard deviation	1.23	0.99
2010 mean (LSD=0.88)	10.08	7.63
standard deviation	0.92	1.03

*reference variety



Tomato: 'Annamay' (left) with reference variety 'Oakley' (right)



Tomato: 'Annamay' (left) with reference variety 'Oakley' (right)