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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS GENEVA

ENLARGED EDITORIAL COMMITTEE

Geneva, January 6, 2011

PARTIAL REVISION OF THE TEST GUIDELINES FOR SPINACH (DOCUMENT TG/55/7)

Document prepared by experts from the Netherlands

The Technical Working Party for Vegetables (TWV) at its forty-fourth session, held in Veliko Tarnovo, Bulgaria, July 5 to 9, 2010, agreed to propose to revise Test Guidelines for Spinach TG/55/7 as follows:

- (a) Correction of the pathogen denomination of *Peronospora farinosa* f. sp. spinaciae in Characteristic 17
- (b) Addition of "Race Pfs: 11" in Characteristic 17, including example varieties, as follows:

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17. (+)	VG Resistance to <u>Peronospora</u> <u>farinosa</u> f. sp. spinaciae	Résistance à <u>Peronospora</u> <u>farinosa</u> f <mark>. sp</mark> . spinaciae	Resistenz gegen <u>Peronospora</u> <u>farinosa</u> f. sp. spinaciae	Resistencia a <u>Peronospora</u> <u>farinosa</u> f. sp. spinaciae		
17.10	Race Pfs: 11	Race Pfs: 11	Pathotyp Pfs: 11	Raza Pfs: 11		
	absent	absente	fehlend	ausente	Lazio	1
	present	<mark>présente</mark>	vorhanden	presente	Boeing, Califlay, Campania, Lion	<mark>9</mark>

(c) Addition of a column for "Pfs: 11" in the table of differential varieties to identify races in Ad. 17, as follows:

<u>Differential varieties to identify races:</u>

Races Pfs: 1-8 and 10-11 of *Peronospora farinosa* f. sp. *spinaciae* are defined with a standard set of "differential varieties" according to the following table:

Differential variety	Pfs: 1	Pfs: 2	Pfs: 3	Pfs: 4	Pfs: 5	Pfs: 6	Pfs: 7	Pfs: 8	Pfs: 10	Pfs: 11
Viroflay	S	S	S	S	S	S	S	S	S	<mark>S</mark>
Resistoflay	R	R	S	S	S	S	S	S	S	S
Califlay	R	S	R	S	R	S	S	R	S	<mark>R</mark>
Clermont	R	R	R	R	S	S	S	S	S	S
Campania	R	R	R	R	R	S	R	S	S	R
Boeing	R	R	R	R	R	R	R	S	S	R
Lion	R	R	R	R	R	R	R	R	S	<mark>R</mark>
Lazio	R	R	R	R	R	R	R	R	R	S

Legend: R = resistance present; S = resistance absent, susceptible

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