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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

Geneva

TECHNICAL WORKING PARTY FOR VEGETABLES

Fiftieth Session Brno, Czech Republic, June 27 to July 1, 2016

ADDENDUM TO

REVISION OF DOCUMENT TGP/10: NEW SECTION: ASSESSING UNIFORMITY BY OFF-TYPES ON THE BASIS OF MORE THAN ONE GROWING CYCLE OR ON THE BASIS OF SUB-SAMPLES

Document prepared by an expert from France

Disclaimer: this document does not represent UPOV policies or guidance

The Annex to this document contains a copy of the presentation "Practical experience of assessing Uniformity assessment by off-types Reject after the 1st cycle on the official DUS seed lot" to be made by an expert from France at the fiftieth session of the Technical Working Party for Vegetables (TWV).

[Annex follows]

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ANNEX

PRACTICAL EXPERIENCE OF ASSESSING - UNIFORMITY ASSESSMENT BY OFF-TYPES REJECT AFTER THE FIRST CYCLE ON THE OFFICIAL DUS SEED LOT BY AN EXPERT FROM FRANCE





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	U assement -	Resulats	
 - 80 observed plants - <u>7 clear off-type plants</u>, showing the same phentoypical typology METHOD OF UNIFORMITY ASSESSMENT ON THE BASIS OF OFF-TYPES - Population Standard = 2%, Acceptance Probability ≥95% 			
n=sample size	k=maximum number of off-types		
1 to 2	0		
3 to 18	1		
19 to 41	2		
42 to 69	3		
70 to 99 (80 plants)	ONLY 4 off-type tolerated		
100 to 131	5		
132 to 165	6		
166 to 200	7		
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		U assement - Conclusio	ons	
_	 Theoretical sample size = twice the size = 10 plants x 2 = 160 pl	size of the 1st cycle plants		
 Number of tolerated off-type in this case Population Standard = 2%, Acceptance Probability ≥95% 				
	n=sample size	k=maximum number of off-types		
	132 to 165 (160 theoretical plants)	6		
À	Even in this theoretical circumstances, the actual number of off-types (7 plants) is higher than the tolerated threshold (6 plants).			
À	So, at this stage, a second DUS cycle (even without off-types) would have no impact on the conclusion. The variety can be rejected for lack of uniformity.			
>	> if the applicant appealed this decision , a 2nd cycle could be completed possibly a third cycle).			
June 2016		Groupe d'Étude vi de controlle de <mark>s Valiété</mark> e Et des Germinces		

