

**Technical Working Party for Ornamental Plants and Forest Trees** TWO/52/7**Fifty-Second Session**  
**Roelofarendsveen, Netherlands, June 8 to 12, 2020****Original:** English  
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**MINIMUM DISTANCES BETWEEN VEGETATIVELY PROPAGATED ORNAMENTAL VARIETIES***Document prepared by the Office of the Union**Disclaimer: this document does not represent UPOV policies or guidance*

The annex to this document contains a copy of a presentation “Minimum distances Tulip”, prepared by an expert from the Netherlands, to be considered by the fifty-second session of the Technical Working Party for Ornamental Plants and Forest Trees (TWO).

[Annex follows]



# Minimum distances Tulip

Katie Berbee



## Background

- In order of Board for Plant Varieties
- Cooperation with KAVB
- Commotion in the sector
- Court case and various verification tests
- Question: is the used minimum variety distance sufficient?



Raadvoorplantenrassen



KONINKLIJKE  
ALGEMEENE VEREENIGING VOOR  
BLOEMBOLLENCULTUUR

	<h2>Objective of project</h2>
	<ul style="list-style-type: none"><li>• Understanding of minimum variety distance used in Tulip</li><li>• Possible development of new guidance?</li></ul>

	<h2>Establishing distinctness</h2>
	<p>UPOV:</p> <p>A variety may be considered to be clearly distinguishable if the difference in characteristics is:</p> <ul style="list-style-type: none"><li>(a) consistent, and</li><li>(b) clear</li></ul>

	<h2>Method</h2>
<ul style="list-style-type: none"><li>• Selection of (very) similar varieties</li><li>• Use of reference collection Tulip at KAVB</li><li>• Observations during flowering in 2018</li></ul>	
	

	<h2>Conclusion</h2>
<ul style="list-style-type: none"><li>• Most of selected varieties were 'easy' to distinct</li><li>• Minimum distance?</li></ul>	
	

	<h2>Consideration (1)</h2>
	<ul style="list-style-type: none"><li>• Strength of characteristics / expressions<ul style="list-style-type: none"><li>• Influenced by various factors</li><li>• Stability?</li></ul></li><li>• Clearly distinguishable?<ul style="list-style-type: none"><li>• Difference (space) between notes</li><li>• Number of differences</li></ul></li></ul>

	<h2>Consideration (2)</h2>
	<ul style="list-style-type: none"><li>• Exact guidance for establishing minimum variety distance?<ul style="list-style-type: none"><li>• Not realistic</li><li>• But:<ul style="list-style-type: none"><li>- focus on stable characteristics / expressions</li><li>- more extra tests</li></ul></li></ul></li></ul>

	<h2>New project</h2>
	<ul style="list-style-type: none"><li>• Suitability of characteristics and expression for establishing distinctness</li><li>• Focus on current characteristics in guideline</li><li>• New characteristics?</li><li>• Stability of characteristics and expressions</li><li>• Three year project</li></ul>

	<h2>QUESTIONS?</h2>
	



[End of Annex and of document]