

Technical Working Party for Ornamental Plants and Forest Trees**TWO/56/3 Add.****Fifty-Sixth Session****Virtual meeting, April 29 to May 2, 2024****Original:** English**Date:** April 22, 2024

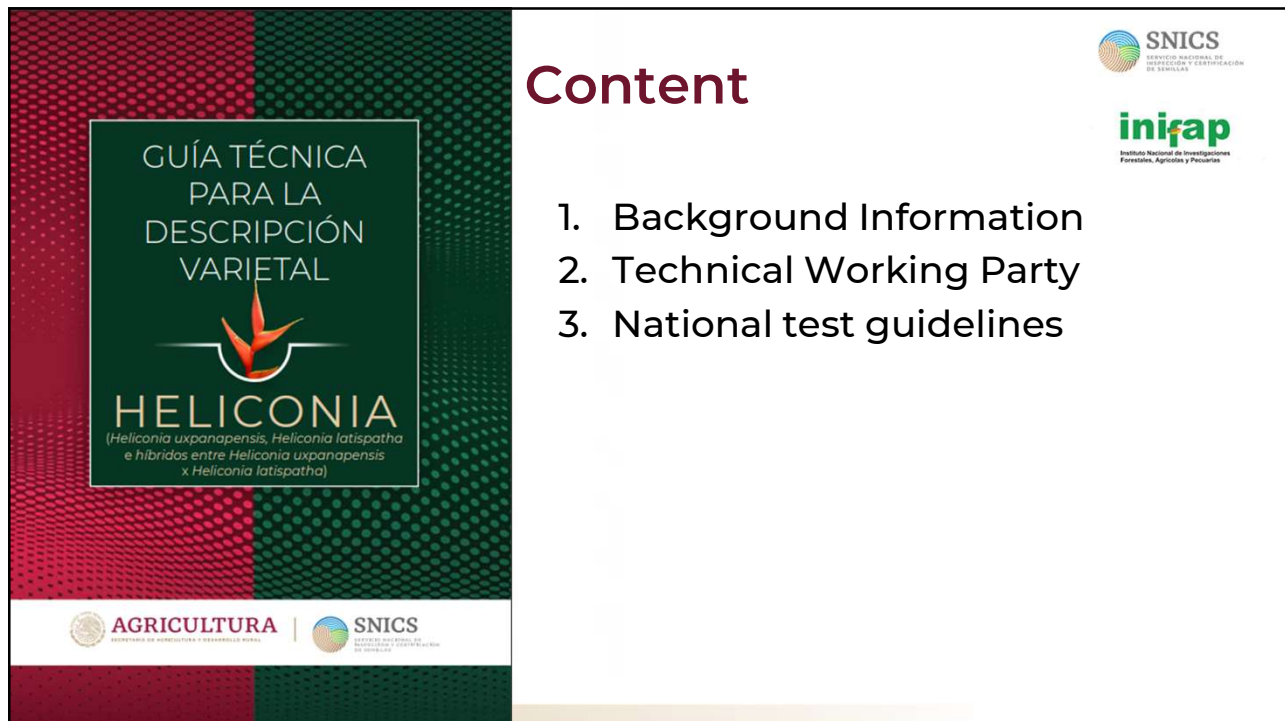
**ADDENDUM TO:
EXPERIENCES WITH NEW TYPES AND SPECIES***Document prepared by experts from Mexico**Disclaimer: this document does not represent UPOV policies or guidance*

The annex to this document contains a copy of a presentation “New Experiences on Heliconia”, to be made by an expert from Mexico, at the fifty-sixth session of the TWO.

[Annex follows]



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01 Background Information



- The Mexican PBR system is based on sworn declaration.
- The decision made with the information presented by the applicant.
- At the time of applying, the DUS test should have already been conducted:
 - By the breeder,
 - By another authority.



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01 Background Information



- On November 13, 2023, the authority in Mexico received an application for a variety of (*Heliconia uxpanapensis* x *Heliconia latispatha*).
- For the national list (NLI), a description proposed by the applicants is sufficient.
- PBR: An authorized protocol (Test Guidelines adopted by UPOV or national TG) is required.

UPOV experience:

- Raad voor plantenrassen, Netherlands (Kingdom of the), provided us simplified standard protocol for *Heliconia* L.

National Experience:

- Experts on the species.
- Experts DUS test.
- Germplasm bank.



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01 Background Information

Parental and interspecific hybrid



H. uxpanapensis



Hybrid:

Heliconia uxpanapensis x *Heliconia latispatha*



H. latispatha

Genus: **Heliconia**

Species involved in the new variety:

- *Heliconia uxpanapensis* Gutierrez Báez (endemic)
- *Heliconia latispatha* Bentham

hybrid :



Heliconia uxpanapensis x *Heliconia latispatha* Bentham
var. **Karely**



02 Technical Working Party



03 National test guidelines









Karely: reference variety for Var. Scarlet
Scarlet: Reference variety for Var. Karely

Varieties similar to the candidate variety and differences			
Name of the most similar variety	Characteristics in which it is different	Expression level of	
		Similar variety	Candidate variety
Heliconia var. Karely	Bract (Brightness)	Weak	High
Heliconia var. Karely	Bract (Color)	Red (main) orange (secondary)	Red (single)
Heliconia var. Karely	Bract (margin orientation)	Involute	Half

Varieties similar to the candidate variety and differences			
Name of the most similar variety	Characteristics in which it is different	Expression level of	
		Similar variety	Candidate variety
Heliconia var. Scarlet	Bract (Brightness)	High	Weak
Heliconia var. Scarlet	Bract (Color)	Red (single)	Red (primary), orange (secondary)
Heliconia var. Scarlet	Bract (margin orientation)	Half	Involute

Orientation
of the bract









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03 National test guidelines

New Heliconia Varieties

Var. Karely







Var. Scarlet

NLI: HEI-001-131022


PBR's: T.O 3338

HEI-002-041223



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GUÍA TÉCNICA
PARA LA
DESCRIPCIÓN
VARIETAL

HELICONIA
(*Heliconia uxpanapensis*, *Heliconia latispatha*
e híbridos entre *Heliconia uxpanapensis*
x *Heliconia latispatha*)

AGRICULTURA | SNICS

Felipe Carrillo
PUERTO


SNICS
SERVICIO NACIONAL DE
INSPECCIÓN Y CERTIFICACIÓN
DE SEMILLAS

Proposal:

Tg Heliconia Document to present to the TWO group

 https://www.gob.mx/cms/uploads/attachment/file/858504/GUIA_HELICONIA_070923_1.pdf

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DE SEMILLAS

2024
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Thanks

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THANK YOU!

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