



National Food Chain Safety Office
Directorate of Plant Production and Horticulture



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UPOV REPORT ON TECHNICAL EXAMINATION

Reference number of Reporting Authority: 405689
 Requesting Authority: The State Plant Service under the Ministry of Agriculture of the Republic of Lithuania

Reference number of Requesting Authority: SA-635
 Breeder's reference: No 05-1
 Date of application in requesting member of the Union:
 Applicant (name and address): Institute of Horticulture, Lithuanian Research Centre for Agriculture and Forestry, Babtai, Kaunas distr., Lithuania, Lt-54333
 Agent (name and address) (if applicable):

(a) Botanical name of taxon: Helianthus tuberosus L.
 (b) UPOV code: HLNTS_TUB
 Common name of taxon: Jerusalem Artichoke
 Variety denomination: Sauliai
 Person who bred, or discovers and developed, the variety (name and address) (if different from applicant):
 Reporting Authority: National Food Chain Safety Office, Directorate of Plant Production and Horticulture, Budapest, Hungary
 Testing station(s) and place(s): Research Centre for Agrobiodiversity, Tápíószele, Hungary
 Period of testing: 2014-2015
 Date and place of issue of document: Budapest, 04.12.2015

Reference number of Reporting Authority: 405689

RESULTS OF THE TECHNICAL EXAMINATION

(a) Report on Distinctness:

The variety

- is distinct [X]
- is not distinct []

according to the UPOV Convention.

Variety(ies) from which it is not distinct (if applicable):

(b) Report on Uniformity:

The variety

- is uniform [X]
- is not uniform []

according to the UPOV Convention.

Characteristic(s) for which the variety is not uniform and explanation of the lack of uniformity (if applicable) are provided in an annex to this report.

(c) Report on Stability:

The variety

- is stable [X]
- is not stable []

according to the UPOV Convention.

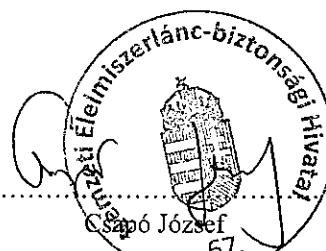
Characteristic(s) for which the variety is not stable and explanation of the lack of stability (if applicable) are provided in an annex to this report.

- (d) A description of the variety is provided in an annex to this report [X]
 (if the variety is distinct, uniform and stable).
 (If the variety is not distinct, a description can be provided on request.)

Remarks:

Report made by Gergely László

Signature:



Head of Variety Testing Department for Field Crops

UPOV VARIETY DESCRIPTION

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 Applicant (name and address): Institute of Horticulture, Lithuanian Research Centre for Agriculture and Forestry, Babtai, Kaunas distr., Lithuania, Lt-54333

- (a) Botanical name of taxon: Helianthus tuberosus L.
 (b) UPOV code: HLNTS_TUB
 Common name of taxon: Jerusalem Artichoke
 Variety denomination: Sauliai
- (a) Date and document number of UPOV Test Guidelines:
 (b) Date and document number of CPVO Technical Protocol:
 Date and/or document number of Reporting Authority's test guidelines: 1998
 Reporting Authority: National Food Chain Safety Office, Directorate of Plant Production and Horticulture, Budapest, Hungary

Testing station(s) and place(s): Research Centre for Agrobiodiversity, Tápíószele, Hungary

Period of testing: 2014-2015

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Group: (if characteristics of number 15 are used for grouping, they are marked with a G in that number)

Nat. No.	Characteristics	States of Expression	Note	Remarks

Characteristics Included in the UPOV Test Guidelines. CPVO Technical Protocol or Reporting Authority's Test Guidelines:

Nat. No.	Characteristics	States of Expression	Note	Remarks
1.	Intensity of sprouting	medium	3	
2.	Length of vegetative stage	short	3	
3.	Duration of flowering	medium	5	
4.	Leaf: colour of leaves	green	5	
5.	Leaf: shape of leaves	spear-shaped	1	
6.	Leaf: length of leaves	medium	5	
7.	Leaf: width of leaves	medium	5	
8.	Leaf: number of leaves	not observed		
9.	Leaf: length of petiole	medium-long	6	
10.	Leaf: shape of apex of blade	very sharp-sharp	2	
11.	Leaf: margin of leaf blade	wavy	3	
12.	Flower: length of axis of inflorescence	medium	5	
13.	Flower: length of ray floret	medium	5	
14.	Flower: width of ray floret	medium	5	
15.	Flower: number of flowers	not observed		

Nat. No.	Characteristics	States of Expression	Note	Remarks
16.	Flower: colour of flowers	medium-yellow	5	
17.	Plant: height of stem	short	3	
18.	Plant: thickness of stem	thin	3	
19.	Tuber: shape of tubers	irregular	9	
20.	Tuber: width of tubers	narrow	3	
21.	Tuber: length of tubers	short	3	
22.	Tuber: colour of tubers	white	1	
23.	Tuber: number of branching	many	7	
24.	Tuber: number of tubers	medium	5	
25.	Tuber: average weight of tubers	medium	5	

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Similar Varieties and Differences from These Varieties:

Denomination(s) of variety(ies) similar to the candidate variety	Characteristic(s) in which the candidate variety differs from the similar variety(ies) *	State of expression of the characteristic(s) for the similar variety(ies)	State of expression of the characteristic(s) for the candidate variety

In the case of identical states of expression of both varieties, please indicate the size of the difference.

Additional Information:

(a) **Additional Data:**

Type of variety: single cross hybrid

(b) **Photograph (if appropriate):**

(c) **RHS Colour Chart version used (if appropriate):**

(d) **Remarks:**