



**CPVO**

Community Plant Variety Office

## **CERTIFICATE ON THE GRANT OF COMMUNITY PLANT VARIETY RIGHTS**

THE COMMUNITY PLANT VARIETY OFFICE HEREBY ACKNOWLEDGES THE GRANT OF COMMUNITY PLANT VARIETY RIGHT BY ITS DECISION N° EU **34437** OF **18 MARCH 2013** TAKEN IN ACCORDANCE WITH COUNCIL REGULATION (EC) N° 2100/94 ON COMMUNITY PLANT VARIETY RIGHTS, WITH EFFECT FROM THE DATE OF THE DECISION REFERRED TO ABOVE, FOR

**Institute of Experimental Botany AS CR v.v.i.  
Rozvojová 263  
CZ - 165 02 Praha 6**

AS HOLDER OF THIS RIGHT,

REPRESENTED BY

**WürttembergKunze**

BEING DOMICILED OR HAVING HIS SEAT OR ESTABLISHMENT IN

**Maximiliansplatz 12b  
DE - 80333 München**

IN RESPECT OF THE VARIETY OF *Malus domestica* Borkh. BEARING THE DESIGNATED DENOMINATION:

**'Solaris'**

FOR A PERIOD EXPIRING ON **31 DECEMBER 2043** AT THE LATEST.

THE COMMUNITY PLANT VARIETY RIGHT HAS UNIFORM EFFECT WITHIN THE TERRITORY OF THE EUROPEAN COMMUNITY AND MAY NOT BE TRANSFERRED IN RESPECT OF THIS TERRITORY OTHERWISE THAN ON SUCH UNIFORM BASIS. IT CAN BE EXERCISED AND ENJOYED BY THE HOLDER IN ACCORDANCE WITH COUNCIL REGULATION N° 2100/94 ON COMMUNITY PLANT VARIETY RIGHTS.

THIS ACKNOWLEDGEMENT DOES NOT AFFECT THE REQUIREMENT OF THE HOLDER TO PAY THE FEES DUE FOR EACH YEAR OF DURATION OF THE COMMUNITY PLANT VARIETY RIGHT.

**President of the  
Community Plant Variety Office**



Martin Ekvad

Digitally signed by Martin EKVAD  
DN: C=FR,O=OFFICE  
COMMUNAUTAIRE DES  
VARIETES  
VEGETALES,OU=0002  
417996410,OU=Ma.EKW.547,CN  
=Martin EKVAD  
Date: 2013.03.18 17:59:36 +0100



**CPVO**

Community Plant Variety Office

**DECISION**  
**(No: 34437)**

The competent Committee for determining applications for the grant of Community Plant Variety Rights has decided, pursuant to article 62 of Council Regulation (EC) No 2100/94 (the Regulation), to grant such a right in relation to -

the variety: **'Solaris'** (Application number: **2008/0476**)

of species: ***Malus domestica* Borkh.**

to:  
(applicant) **Institute of Experimental Botany AS CR v.v.i.**  
**Rozvojová 263**  
**CZ - 165 02 Praha 6**

Date: **18 MARCH 2013**

In connection with the grant of this Community Plant Variety Right the Committee has approved, pursuant to article 63 of the Regulation, the variety denomination:

**'Solaris'**

Signed:

Digitally signed by Dirk  
THEOBALD  
DN: C=FR,O=OFFICE  
COMMUNAUTAIRE DES  
VARIETES  
VEGETALES,OU=0002  
417996410,OU=DI.THE.549,CN=  
Dirk THEOBALD  
Date: 2013.03.01 16:27:20 +0100

Dirk Theobald

Digitally signed by Muriel  
LIGHTBOURNE  
DN: C=FR,O=OFFICE  
COMMUNAUTAIRE DES  
VARIETES  
VEGETALES,OU=0002  
417996410,OU=Mu.LIG.550,CN=  
Muriel LIGHTBOURNE  
Date: 2013.03.18 17:38:06 +0100

Muriel Lightbourne

Digitally signed by Carlos  
GODINHO  
DN: C=FR,O=OFFICE  
COMMUNAUTAIRE DES  
VARIETES  
VEGETALES,OU=0002  
417996410,OU=Ca.GOD.548,CN=  
Carlos GODINHO  
Date: 2013.03.13 17:51:34 +0100

Carlos Godinho

Taken under the authority of the President of the Office,

Digitally signed by Martin EKVAD  
DN: C=FR,O=OFFICE  
COMMUNAUTAIRE DES  
VARIETES  
VEGETALES,OU=0002  
417996410,OU=Ma.EKW.547,CN=  
N=Martin EKVAD  
Date: 2013.03.18 16:13:12  
+0100

Martin Ekvad



The attention of the applicant is drawn to their possibility to appeal against this decision. Notice of appeal shall be filed by the applicant in writing to the attention of the Community Plant Variety Office within two months of the service of the decision.

The attention of the applicant is drawn to the possibility of an appeal against this decision by a third party to whom it is of direct and individual concern. Notice of such appeal shall be filed in writing to the attention of the Community Plant Variety Office within two months of the publication of the decision.

Appeals are subject to a fee.

Ústřední kontrolní a zkušební ústav zemědělský  
Hroznová 2, 656 06 Brno

INCOMING	
C.P.V.O. / O.C.V.V.	
21 NOV. 2012	
N°	

**Variety description**

1. Reference number of reporting authority: ..... MAL13266
  2. Reference number of requesting authority: ..... 2008/0476
  3. Breeder's reference: ..... ueb 3369/4
  4. Applicant (name and address): ..... INSTITUTE OF EXPERIMENTAL  
BOTANY AS CR V.V.I.  
ROZVOJOVA 263  
CZ - 165 02 PRAHA 6
- 
5. Botanical name of taxon: ..... Malus domestica Borkh.
  6. Common name of taxon: ..... Apple
  7. Variety denomination: ..... SOLARIS
  8. Date and/or document number of Test Guide-  
line/technical protocol: ..... 14.03.2006, TP/14/2
  9. Testing authority: ..... ÚKZÚZ
  10. Testing station(s) and place(s): ..... ÚKZÚZ Testing station Lysice
  11. Period of testing: ..... 2008-2012
  12. Date and place of issue of document: ..... 9.11.2012, Želešice
  13. Group: (if characteristics of number 14 are used for grouping they are marked with a G in that number)
  14. Characteristics included in the UPOV Test Guidelines or national Test Guidelines:



CPVO No.	UPOV No.	Characteristics	State of Expression	Note	Remarks
	1.	1. Tree: vigour	strong	7	
G 2.	G 2.	2. Tree: type	ramified	2	
G 3.	G 3.	3. Only varieties with ramified tree type: Tree: habit	spreading	2	
	4.	4. Tree: type of bearing	on spurs and long sholte	2	
	5.	5. One-year-old shoot: thickness	thick	7	
	6.	6. One-year-old shoot: length of internode	short	3	
	7.	7. One-year-old shoot: colour on sunny side	dark brown	5	
	8.	8. One-year-old shoot: pubescence (on distal half of shoot)	medium	5	
	9.	9. One-year-old shoot: number of lenticels	medium	5	
10.	10.	10. Leaf blade: attitude in relation to shoot	outwards	2	
11.	11.	11. Leaf blade: length	medium	5	
12.	12.	12. Leaf blade: width	medium	5	
13.	13.	13. Leaf blade: ratio length/width	medium	5	
14.	14.	14. Leaf blade: intensity of green colour	medium to dark	6	
15.	15.	15. Leaf blade: incisions of margin (upper half)	serrate type 1	3	
16.	16.	16. Leaf blade: pubescence on lower side	medium	2	
17.	17.	17. Petiole: length	medium	5	
18.	18.	18. Petiole: extent of anthocyanin coloration from base	small to medium	4	
19.	19.	19. Flower: predominant colour at balloon stage	light pink	3	
20.	20.	20. Flower: diameter with petals pressed into horizontal position	medium	5	
21.	21.	21. Flower: arrangement of petals	intermediate	2	
22.	22.	22. Flower: position of stigmas relative to anthers	same level	2	
23.	23.	23. Young fruit: extent of anthocyanin overcolour	medium	5	

CPVO No.	UPOV No.	Characteristics	State of Expression	Note	Remarks
24.	24.	Fruit: size	medium to large	6	
25.	25.	Fruit: height	medium	5	
26.	26.	Fruit: diameter	medium to large	6	
27.	27.	Fruit: ratio height/diameter	small to medium	4	
G 28.	G 28.	Fruit: general shape	obloid	7	
29.	29.	Fruit: ribbing	absent or weak	1	
30.	30.	Fruit: crowning at calyx end	absent or weak	1	
31.	31.	Fruit: size of eye	small to medium	4	
32.	32.	Fruit: length of sepal	short	3	
33.	33.	Fruit: bloom of skin	absent or weak	1	
34.	34.	Fruit: greasiness of skin	moderate	2	
35.	35.	Fruit: ground colour	yellow	3	
G 36.	G 36.	Fruit: relative area of over colour	small	3	
G 37.	G 37.	Fruit: hue of over colour - with bloom removed	orange red	1	
38.	38.	Fruit: intensity of over colour	light	3	
G 39.	G 39.	Fruit: pattern of over colour	flushed and mottled	6	
40.	40.	Fruit: width of stripes	not applicable	-	
41.	41.	Fruit: area of russet around stalk attachment	absent or small	1	
42.	42.	Fruit: area of russet on cheeks	absent or small	1	
43.	43.	Fruit: area of russet around eye basin	absent or small	1	
44.	44.	Fruit: number of lenticels	medium	5	
45.	45.	Fruit: size of lenticels	small	3	
46.	46.	Fruit: length of stalk	short	3	
47.	47.	Fruit: thickness of stalk	medium to thick	6	
48.	48.	Fruit: depth of stalk cavity	medium	5	
49.	49.	Fruit: width of stalk cavity	medium	5	
50.	50.	Fruit: depth of eye basin	shallow to medium	4	
51.	51.	Fruit: width of eye basin	medium to broad	6	
52.	52.	Fruit: firmness of flesh	firm	7	
53.	53.	Fruit: colour of flesh	cream	2	

CPVO No.	UPOV No.	Characteristics	State of Expression	Note	Remarks
54.	54.	Fruit: aperture of locules (in transverse section)	closed or slightly open	1	
G 55.	G 55.	Time of beginning of flowering	early to medium	4	
56.	56.	Time for harvest	late	7	
G 57.	G 57.	Time of eating maturity	late to very late	8	

15. Similar varieties and differences in relation to those varieties:

Denomination of similar variety	Characteristics, in which the similar variety is different	State of Expression of similar variety	State of Expression of the candidate variety
None			

16. Additional information: -

a) Additional data:

b) Remarks