

*
 . wee_k_me@yahoo.com . - - - *
 2012 -
 (R.C.B.D.)
 250 125)
 (4 2) (/ 375
) T5
 (/ 375) T7 (/ 250
 . T7 :

Rosaceae

Prunus armeniaca L.

(1989)

100
 (1989) 1920

200 – 100 (1980)

(1989)

(1939 Green Bonner)

C6H8O6

C

تاريخ استلام البحث 2012 / 12 / 3
 تاريخ قبول النشر 2013 / 5 / 2

(2003 Palaniswamy 1987 Oertli)
 (Photo Oxidation)
 (Mehler Reaction) (Superoxide)
 (2006 Logan 2004 Barth Conklin 1989 Chameides) (O₃)

Flame seedless (2000) Ali

/ 250 (2001) Morsy Ahmed
 Anna
 (2006) Shahin Daood
 / 1000 500 250 Canino

(2007)

Anna
 Vistabella
 / 250

Thompson seedless (2007 Wassel)
 / 1000
 (2012) (2010 Fayed)
 / 500 250

2012

-

1

1.5 × 1

. 1

	-	
60		
24		
16		
7.31	-	
2.57	/	
0.3	/	
19.04	/	
15	/	
28	/	
2.35	/	
2.16	/	
24.21	/	

/

*

125

4 2

/ 375 250

2

. 2

	/	
		() T1
2	125	T2
4	125	T3
2	250	T4
4	250	T5
2	375	T6
4	375	T7

21

()

R.C.B.D

(3 × 7 × 2) 42

1.5

30

100

:

:

(2)

A4 (

20

(2)

(Vernier) : ()

10

: ()

:

2 : ()

. (Vernier)

: ()

SAS

0.05

: (2)

(T7 - T4) 3

(T3 - T1)

(/ 375 4) T7

(/ 250 4) T5

%63.10 %55.04 (T1) 2 10.52 10.00

T7 T5

: (2)

(/ 375 4) T7 3

(/ 250 4) T5

T7 T4 - T1

(T1) % 340 2 3927.7

377.92
0.932 0.599

2 10.52

T7

. (4)

. 3

()	()		()	()	(2)	(2)	
d 21.12	b 3.64	a 5.50	c 12.83	c 1.70	892.6 c	b 6.45	T1
d 21.23	b 3.66	a 6.67	c b 14.17	c 1.97	1293.5 c	b 6.60	T2
d c 22.51	b 3.88	a 7.50	-a 17.67 c	c 2.27	1304.6 c	b 6.81	T3
-b 27.70 d	b 4.12	a 6.83	b a 20.67	b 2.4 c	2087.2 bc	a 9.89	T4
b a 33.42	a 6.92	a 8.17	b a 21.23	a 3.63	2491.4 ab	10.00 a	T5
c b 29.75	b 4.90	a 6.97	a 22.10	3.20 ab	1941.4 c	a 9.93	T6
a 39.35	a 7.98	a 8.80	a 24.57	a 3.93	3927.7 a	10.52 a	T7

*

. 0.05

:()

T7 - T5 3

(T4 - T1)

375
(T1)

4) T7

3.93

% 131.18

(/

. (1.70)

:()

T7 T6

3

24.57

T2 T1

% 91.5

(/ 375

) T7

T5 T4

. (T1)

(1979 Kozlowski Kramer)

/ 375
/ 250

. 4

						1.00	0.698 **	
					1.00	0.614 **	0.525 *	
				1.00	0.556 **	0.582 **	0.779 **	
			1.00	0.722 **	0.658 **	0.755 **	0.843 **	
		1.00	0.690 **	0.586 **	0.274	0.600 **	0.627 **	
	1.00	0.599 **	0.924 **	0.683 **	0.681 **	0.765 **	0.800 **	
1.00	0.932 **	0.302	0.809 **	0.562 **	0.765 **	0.675 **	0.687 **	

. 0.01 **

. 0.05 *

. 1989 .

. 1989 .

. 2007 .

. Vistabella Anna

Punica)

. 2012 .

NPK

(granatum L.

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EFFECT OF FOLIAR SPRAY OF ASCORBIC ACID ON VEGETATIVE GROWTH OF APRICOT TRANSPLANTS CV. "LABEEB".

Ehsan Fadhel Saleh Al-Douri*

* Dept. Horti. & Landscape - College of Agric. – Uni. of Tikrit. wee_k_me@yahoo.com

ABSTRACT

The experiment was conducted in the fruit nursery of College of Agriculture / Tikrit University , during the 2012 growing season , to study the effect of spray with ascorbic acid and number of sprays on vegetative growth characteristics of Apricot transplants cv. "Labeeb" , which grown on apricot seedling rootstocks .

R.C.B.D. was used to apply seven treatments that an interactions between three concentrations of ascorbic acid (125 , 250 and 375 mg.L⁻¹), number of sprays (2 and 4 times in the growth season) and control treatment .

The apricot transplants responded to spray of ascorbic acid especially with higher concentration and number of sprays . The treatments T5 and T7 (four times spray with 250 mg.L⁻¹ and four times spray with 375 mg.L⁻¹ respectively) increased significantly all vegetative growth characteristics (single leaf area, total leaves area , main stem diameter, transplant height , diameter and length of branches) , while the increment for number of branches was insignificant . The best results were in T7 treatment .

Key words : Foliar spray, Ascorbic acid, Apricot, Labeeb.