



Effect of a Chandler Interstem on Growth of Paradox/Howard Walnut Trees 2003 - Tehama PDS Plot

Buchner, McKenna and Gilles

Paradox Diameter

<u>Treatment</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>
1. Paradox/Howard	1.72 a	3.04 a	4.72 a	6.44 a
2. Paradox/Howard/Howard	1.68 a	2.81 a	4.45 a	6.47 a
3. Paradox/Chandler/Howard	1.75 a	2.92 a	4.49 a	6.11 a

Table 1. Paradox average diameter (in) for test trees. Numbers followed by the same letter are not significant at the 5% level.

Howard Diameter

Treatment	2000 ¹	2001 ²	2002 ³	2003 ⁴
1. Paradox/Howard	1.21 a	2.00 a	3.14 a	4.15 a
2. Paradox/Howard/Howard	1.16 a	1.93 a	2.94 a	4.09 a
3. Paradox/Chandler/Howard	1.16 a	2.00 a	3.15 a	4.27 a

Table 2. Howard average diameter (in) for test trees. Numbers followed by the same letter are not significant at the 5% level.

¹ Measured 10/18/00

² Measured 12/12/01

³ Measured 11/05/02

⁴ Measured 11/19/03



Effect of Grafting Date on Yield and Growth - Tehama PDS Plot

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2003 Howard Growth and Yield vs. Planting/Grafting Date

Source	Planted	Condition	Field Grafted	Ave ¹ Scion Diameter (in)	Avg ² Yield per Tree (lbs.)
Seed 1	1999	Seed	2000	4.26 a	2.54 a ³
Seed 2	1999	Seed	2000	4.06 a	3.72 a
OZ (Seed 2)	1999	Bareroot	2000	4.50 a	2.71 a
Nursery 1	1999	Bareroot	2000	4.66 a	3.42 a
Nursery 1	1999	Bareroot	1999	5.88 b	24.48 b
Nursery 2	1999	Nursery	Graft	5.79 b	22.96 b

¹ 12" above graft union

² Harvest 10/29/03

³ Duncan's multiple range test for treatment means 1% level.