

Pear Rootstock Trial							
Cross sectional diameter and increase							
Variety	Rootstock	Centre Leader (1585 trees per Ha)	V trellis (2750 trees per Ha)	2006 Trunk cross sectional diameter (measured 100mm above the bud/graft union)	2007 Trunk cross sectional diameter (mm) (measured 100mm above the bud/graft union)	2006 to 2007 Increase in trunk cross sectional diameter in mm	2007 % cross sectional diameter relative to D6 as the control
Williams	BP1	x		34	48.8	14.8	88.3%
Williams	BP1		x	28	35.4	7.4	77.5%
Williams	D6	x		39	55.2	16.2	100.0%
Williams	D6		x	36.5	45.7	9.2	100.0%
Williams	BM2000	x		36.4	51.2	14.8	92.7%
Williams	BM2000		x	31.7	40.2	8.5	87.9%
Williams	Quince A	x		Planted 2006	28.8		
Corella	BP1	x		33.4	48.2	14.8	115.9%
Corella	BP1		x	29.1	41.6	12.5	109.6%
Corella	D6	x		36.5	41.6	5.1	100.0%
Corella	D6		x	33.6	37.9	4.3	100.0%
Corella	BM2000	x		28	60.4	32.4	145.3%
Corella	BM2000		x	26.8	35.0	8.2	92.4%
Corella	Quince A	x		Planted 2006	20.8		
Packhams	BP1	x		37.9	53.2	15.3	87.2%
Packhams	BP1		x	30.9	43.4	12.5	71.1%
Packhams	D6	x		42.1	61.0	18.9	100.0%
Packhams	D6		x	41	61.1	20.1	100.0%
Packhams	BM2000	x		37.7	52.2	14.5	85.5%
Packhams	BM2000		x	34.1	44.8	10.7	73.4%
Packhams	Quince A	x		Planted 2006	23.1		
Packhams	Quince A		x	Planted 2006	23.3		

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Cumulative shoot growth chart							
Variety	Rootstock	Centre Leader (1585 trees per Ha)	V trellis (2750 trees per Ha)	2006 Shoot Growth (average total of the 5 longest shoots)	2007 Shoot Growth (cm) (average total of the 5 longest shoots)	Cumulative shoot growth in mm	2007 % of shoot growth against D6 as the control
Williams	BP1	x		392	363.7	755.7	87.8%
Williams	BP1		x	407	297.7	704.7	103.7%
Williams	D6	x		457	403.3	860.3	100.0%
Williams	D6		x	402	277.4	679.4	100.0%
Williams	BM2000	x		413	348.2	761.2	88.5%
Williams	BM2000		x	312	261.9	573.9	84.5%
Williams	Quince A	x		Planted 2006	169.2		
Corella	BP1	x		474	278.9	752.9	92.9%
Corella	BP1		x	465	242.0	707.0	86.6%
Corella	D6	x		520	290.1	810.1	100.0%
Corella	D6		x	547	269.3	816.3	100.0%
Corella	BM2000	x		592	387.8	979.8	121.0%
Corella	BM2000		x	497	255.1	752.1	92.1%
Corella	Quince A	x		Planted 2006	425.5		
Packhams	BP1	x		291	308.2	599.2	93.0%
Packhams	BP1		x	240	241.0	481.0	66.2%
Packhams	D6	x		265	379.5	644.5	100.0%
Packhams	D6		x	398	328.5	726.5	100.0%
Packhams	BM2000	x		294	317.4	611.4	94.9%
Packhams	BM2000		x	339	549.1	888.1	122.2%
Packhams	Quince A	x		Planted 2006	133.2		
Packhams	Quince A		x	Planted 2006	151.8		

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**Yield data**

Variety	Rootstock	Centre Leader (1585 trees per Ha)	V trellis (2750 trees per Ha)	Yield 2006	Yield 2007
Williams	BP1	x		0	0
Williams	BP1		x	0	0
Williams	D6	x		0	0
Williams	D6		x	0	0
Williams	BM2000	x		0	0
Williams	BM2000		x	0	0
Williams	QA	x		Planted 2006	
Corella	BP1	x		0	0
Corella	BP1		x	0	0
Corella	D6	x		0	0
Corella	D6		x	0	0
Corella	BM2000	x		0	0
Corella	BM2000		x	0	0
Corella	QA	x		Planted 2006	
Packhams	BP1	x		0	0
Packhams	BP1		x	0	0
Packhams	D6	x		0	0
Packhams	D6		x	0	0
Packhams	BM2000	x		0	0
Packhams	BM2000		x	0	0
Packhams	QA	x		Planted 2006	
Packhams	QA		x	Planted 2006	

**Note:**

No measurable yield in 2006 on any scion rootstock combination

2007 yield was severely affected by spring frost, some rootstock scion combinations

had up to 5kg per tree but the fruit quality was badly affected by the frost so not assessed