

Methods avoiding LTS in frutocane raspberries

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Bending of PC raspberry





Bended plants covered by snow





Fruiting in LTS trial 2012





Effects of bending, cover and heat on bud burst in 2013. 9= all burst normally

Treatment		BB 0-9
Control		6.7
Cover	With heath	7.3
	Without heath	9.0
Mean		7.7



Effects of bending, cover and heat on total yield in kg 1000^{-m} of row in 2013.

Treatment		Yield	Fruit size
		kg	g fruit ⁻¹
Control		2077	5.1
Cover	With heath	1700	4.5
	Without heath	1450	4.4
Mean		1742	4.7
Se		57 ^{***}	0.2 ^{ns}



Summary

- Cane bending is possible with minor visible breakage.
- Less bud freezing in bent canes compared with erect canes.
- However, yield was reduced in 2013 when canes were bent. No effect on yield in 2012 (a tendency similar to 2013)
- There could be a cane injury not visible by the eye following bending, or thickness of snow cover has been uneven!
- Experiments will be performed in 2013/2014, with focus on breakage injury and snowcover.