

TABLE 2

Spurs per plant, nodes per spur and bud burst percentage (%) of Merlot vines hand or mechanically pruned for three seasons in El Huique, Chile.

Treatment	Spurs ¹ per plant			Nodes ² per spur			Bud burst (%)		
	2013/14	2014/15	2015/16	2013/14	2014/15	2015/16	2013/14	2014/15	2015/16
1 (SSS)	9.1 b	11.7 b	11.6 b	1.8 c	1.5 c	2.1 a	86.5 a	92.3 a	94.5 a
2 (SLH)	9.1 b	23.2 a	25.6 a	1.8 c	2.5 ab	2.2 a	86.5 a	62.9 b	68.3 bc
3 (HHH)	26.5 a	26.4 a	25.8 a	2.8 a	2.6 ab	2.3 a	62.1 c	61.6 b	68.7 bc
4 (HLH)	26.5 a	23.2 a	26.2 a	2.8 a	2.4 ab	2.9 a	62.1 c	64.1 b	63.5 c
5 (LLL)	25.8 a	23.3 a	25.2 a	2.3 b	2.3 b	2.3 a	70.8 b	66.4 b	70.2 b
6 (LHH)	25.8 a	26.9 a	27.4 a	2.3 b	2.7 a	2.7 a	70.8 b	61.6 b	63.8 c

¹ Spurs or spur position, ² Bud number per pruned element

The S, L and H for each treatment refer to S: hand-pruning, 12 two-bud spurs per plant; H: mechanical pruning 25 cm above the cordon wire; L: mechanical pruning 12 cm above the cordon wire; with each capital letter corresponding to one season from the three consecutive years of the study.

Means with the same letters in the columns are not significantly different. Fisher's LSD ($p \leq 0.05$)

TABLE 3

Renewals on the cordon and total renewal shoots of Merlot vines hand or mechanically pruned for three seasons in El Huique, Chile.

Treatment	Cordon renewal shoots			Total renewal shoots per vine		
	2013/14	2014/15	2015/16	2013/14	2014/15	2015/16
1 (SSS)	20.5 a	11.8 a	7.8 a	28.4 a	21.4 a	15.8 a
2 (SLH)	20.5 a	5.1 b	1.3 c	28.4 a	10.2 bc	4.3 c
3 (HHH)	5.8 b	3.5 c	1.4 c	10.8 c	7.1 d	4.4 c
4 (HLH)	5.8 b	4.3 bc	1.7 c	10.8 c	10.0 bc	2.7 d
5 (LLL)	8.3 b	4.5 bc	5.0 b	16.9 b	11.3 b	8.8 b
6 (LHH)	8.3 b	3.7 bc	1.8 c	16.9 b	7.9 cd	3.8 c

The S, L and H for each treatment refer to S: hand-pruning, 12 two-bud spurs per plant; H: mechanical pruning 25 cm above the cordon wire; L: mechanical pruning 12 cm above the cordon wire; with each capital letter corresponding to one season from the three consecutive years of the study.

Means with the same letters in the columns are not significantly different. Fisher's LSD ($p \leq 0.05$)

TABLE 4

Total nodes in spurs, bud burst from spurs per plant, bud burst percentage (%) and renewal number position of Merlot vines hand or mechanically pruned in El Huique, Chile, average over three seasons (from 2013/14 to 2015/16).

Treatment	Spurs ¹ per plant	Nodes ² per spur	Nodes ³ per plant	Bud burst (%)	Cordon renewal shoots	Total renewal shoots per vine
1 (SSS)	10.8 c	1.8 d	19.7 d	91.6 a	13.4 a	21.9 a
2 (SLH)	18.5 b	2.2 c	42.2 c	73.2 b	8.9 b	14.3 b
3 (HHH)	26.5 a	2.5 abc	66.3 ab	64.1 c	3.6 d	7.4 d
4 (HLH)	24.3 a	2.9 a	66.3 ab	63.2 c	3.9 d	7.8 d
5 (LLL)	24.2 a	2.4 bc	56.7 b	69.2 b	5.9 bc	12.4 b
6 (LHH)	26.5 a	2.6 ab	66.9 a	65.4 c	4.6 cd	9.6 c

¹ Spurs or spur position, ² Bud number per pruned element, ³ Total nodes per plant

The S, L and H for each treatment refer to S: hand-pruning, 12 two-bud spurs per plant; H: mechanical pruning 25 cm above the cordon wire; L: mechanical pruning 12 cm above the cordon wire; with each capital letter corresponding to one season from the three consecutive years of the study.

Means with the same letters in the columns are not significantly different. Fisher's LSD ($p \leq 0.05$)

