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(*Lilium longiflorum* L.)

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'Oriental'	'Avignon'	'Cordelia'	Song <i>et al.</i>	Asiatic hybrids	Bulb
Benzyl adenine (BA or BAP)	Accel	Emongor and Tshwenyane	'Narbone'	Grassotti <i>et al.</i>	hydroxyquinoline (8- HQ)

(*Lilium longiflorum* L.)

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'Vignola'

'Salsa'

'Pollyanna'

'Pink Superior'

'Orlando'

'Amarone'

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Table 1. Effects of growing media on measured lily flower characteristics.

Growing media	() Flowering time (d)	() Number of bud	() Stem length (cm)	() Leaf chlorophyll ($\mu\text{g g}^{-1}$ fw)
+ +	110.77	6.65	78.00	27.75
Coco peat + perlite + loam				
+ +	110.83	6.48	73.61	27.50
sand + mold leaf + loam				
LSD(0.05)	0.42	0.31	1.05	0.72

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Table 2. Effect of cultivar on measured lily flower characteristics.

Cultivar	Flowering time (d)	Number of bud	Stem length (cm)	Leaf chlorophyll ($\mu\text{g g}^{-1}$ fw)
'Orlando'	107.66	4.95	96.83	29.40
'Amarone'	114.66	7.45	86.33	27.05
'Pink Superior'	115.33	4.81	75.33	26.70
'Salsa'	103.33	10.25	65.66	25.35
'Pollyanna'	115.16	5.5	65.33	29.60
'Vignola'	108.66	6.45	65.33	27.65
LSD(0.05)	0.74	0.54	1.82	1.25

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Table 3. Interaction of cultivars and preservative solutions on measured lily flower characteristics.

Cultivar	Preservative solution	Vase life (d)	Flower fresh weight (%)				Longevity of leaves (d)	Chlorophyll ($\mu\text{g g}^{-1}$ fw)
			2 nd day	5 th day	7 th day	9 th day		
'Amarone'	GA ₃	14.81	103.67	117.38	113.91	101.97	27.66	29.80
'Amarone'	+	10.32	107.25	129.44	105.80	95.68	12.44	21.40
'Amarone'	HQS+SU ()	10.32	102.22	120.52	107.01	97.36	17.82	28.80
'Amarone'	Control (DW)	13.82	102.98	109.67	105.41	97.05	25.11	29.80
'Pink Superio'	GA ₃	9.85	102.83	116.70	108.26	96.85	12.00	21.40
'Pink Superio'	+	10.34	103.87	122.11	115.37	110.22	19.11	28.80
'Pink Superio'	HQS+SU ()	13.31	105.46	110.06	107.71	91.61	25.44	26.50
'Pink Superio'	Control (DW)	9.66	108.36	110.27	101.03	68.88	12.11	20.60
'Orlando'	GA ₃	9.00	110.17	116.80	98.38	84.65	17.55	25.90
'Orlando'	+	13.66	110.56	136.07	138.47a	133.11	26.33	25.50
'Orlando'	HQS+SU ()	11.82	110.77	123.16	116.41	110.85	12.00	18.90
'Orlando'	Control (DW)	10.32	110.98	120.46	116.01	108.31	18.25	24.20
'Pollyanna'	GA ₃	12.33	107.52	110.69	93.80	80.58	25.72	26.90
'Pollyanna'	+							
'Pollyanna'	HQS+SU ()							
'Pollyanna'	Control (DW)							
'Salsa'	GA ₃							

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Table 3 continued.

'Salsa'	-	11.30	107.46	110.44	89.78	77.83	10.22	18.90
'Salsa'	+ HQS+SU ()	8.66	109.41	113.08	96.34	86.2	18.00	25.40
'Salsa'	Control (DW)	13.33	108.61	112.51	109.08	97.39	23.11	27.30
'Vignola'	-	11.33	103.65	107.12	87.16	77.89	11.55	24.50
'Vignola'	+ HQS+SU ()	8.66	110.31	111.9	91.99	80.80	18.00	26.70
'Vignola'	Control (DW)	2.95	3.99	8.02	9.52	9.23	4.05	0.07
LSD(0.05)								

Gibberellic acid (GA₃), hydroxyquinoline sulfate + sucrose (HQS + SU), distilled water (DW).

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