

## PGR requirements for Asiatic hybrid lilies in 6" pots

Estimates of paclobutrazole (Bonzi/Piccolo or Piccolo), uniconazole (Sumagic), or fluprimsidol (Topflor) concentrations (ppm or mg/L) needed for hybrid lily height control when **applied as a 1-minute pre-plant dip**. This table has been developed assuming the plant height should be 45-55 cm (18-22 inches). This height does not include the height of the pot. Growing conditions: Ithaca, NY, late spring, 6"(15 cm) pot. **Estimates based on data from the 2001-2007 growing seasons are given.**

Cultivar	Size	Type	Consensus Bonzi (ppm)	Consensus Sumagic (ppm)	Consensus Topflor (ppm)
Algarve	14/16	Asiatic	100	<2.5	<10
Amarone	14/16	Asiatic	50-100	2.5-5	<10
Castello	12/14	Asiatic	250-300	5-7.5	10-20
Castello	14/16	Asiatic	Not eff	7.5	no data
Colosseo *	12/14	Asiatic	250-300	5-7.5	10-20
Gironde *	10/12	Asiatic	300+	5-7.5	<10
Gironde *	14/16	Asiatic	Not eff	5-7.5	<10
Mantona	14/16	Asiatic	50-75	<2.5	<10?
Monte Negro	16/18	Asiatic	Not eff	5-7.5	no data
Navona	10/12	Asiatic	<50	<2.5	<10
Nerone	14/16	Asiatic	Not eff	7.5-10	10-20
Sopressa	14/16	Asiatic	Not eff	7.5	10
Springfield	16/18	Asiatic	Not eff	7.5	no data
Tresor *	12/14	Asiatic	300	5-7.5	no data
Tresor *	14/16	Asiatic	300	5-7.5	25
Val di Sole *	12/14	Asiatic	100	2.5-5	no data
Vermeer *	12/14	Asiatic	200-300	5	no data
Vermeer *	14/16	Asiatic	300+	7.5	10-20
Vivaldi	12/14	Asiatic	300	5-7.5	no data
Vivaldi	14/16	Asiatic	300	10	10-20

Not eff.: Not sufficiently effective at the rates used.

No data = no data available for that cultivar, size and PGR combination.

\*: Cultivars with an asterisk (\*) are especially likely to stretch "in the neck". Late season Sumagic sprays (2.5 ppm) are very useful to minimize this stretch.

## PGR requirements for LA-hybrid lilies in 6" pots

Estimates of paclobutrazole (Bonzi/Piccolo or Piccolo), uniconazole (Sumagic), or fluprimsidol (Topflor) concentrations (ppm or mg/L) needed for hybrid lily height control when **applied as a 1-minute pre-plant dip**. This table has been developed assuming the plant height should be 45-55 cm (18-22 inches). This height does not include the height of the pot. Growing conditions: Ithaca, NY, late spring, 6"(15 cm) pot. **Estimates based on data from the 2001-2007 growing seasons are given.**

Cultivar	Size	Type	Consensus Bonzi (ppm)	Consensus Sumagic (ppm)	Consensus Topflor (ppm)
Brindisi	14/16	LA-hybrid	25-50	<2.5	no data
Cambia Zanolabia	14/16	LA-hybrid	200-300	5	7.5-10
Ceb. Dazzle *	10/12	LA-hybrid	no data	no data	no data
Ceb. Dazzle *	12/14	LA-hybrid	300	2.5-5	no data
Ceb. Dazzle *	14/16	LA-hybrid	>300	5-7.5	<10
Daytona	16/18	LA-hybrid	Not recommended for pots		
Fangio *	14/16	LA-hybrid	300	5-7.5	10-25
Golden Tycoon *	14/16	LA-hybrid	300+	2.5	no data
Mozart Zanolazart	14/16	LA-hybrid	Not recommended for pots		
Printal	14/16	LA-hybrid	300	5	7.5-10
Red Alert	12/14	LA-hybrid	Not eff	7.5	<10
Red Alert	14/16	LA-hybrid	Not eff	7.5 -10	no data
Royal Fantasy	14/16	LA-hybrid	50-75	<2.5	<10
Royal Perfume	14/16	LA-hybrid	50-75	<2.5	<10
Royal Trinity	12/14	LA-hybrid	Not eff	Not eff	10-25
Royal Trinity	16/18	LA-hybrid	Not eff	5-7.5	10
Samur *	12/14	LA-hybrid	100-200	2.5	<5
Samur *	14/16	LA-hybrid	100-200	2.5-5	7.5-10
Stanza Zanolanza	14/16	LA-hybrid	Not eff	5-7.5	no data

Not eff.: Not sufficiently effective at the rates used.

No data = no data available for that cultivar, size and PGR combination.

\*: Cultivars with an asterisk (\*) are especially likely to stretch "in the neck". Late season Sumagic sprays (2.5 ppm) are very useful to minimize this stretch.

## PGR requirements for Oriental hybrid lilies in 6" pots

Estimates of paclobutrazole (Bonzi/Piccolo or Piccolo), uniconazole (Sumagic), or fluprimsidol (Topflor) concentrations (ppm or mg/L) needed for hybrid lily height control when **applied as a 1-minute pre-plant dip**. This table has been developed assuming the plant height should be 45-55 cm (18-22 inches). This height does not include the height of the pot. Growing conditions: Ithaca, NY, late spring, 6"(15 cm) pot. **Estimates based on data from the 2001-2007 growing seasons are given.**

Cultivar	Size	Type	Consensus Bonzi (ppm)	Consensus Sumagic (ppm)	Consensus Topflor (ppm)
Acapulco	---	Oriental	Not recommended for pots		
Alliance	14/16	Oriental	100-150	5	no data
Alliance	16/18	Oriental	200	Not eff	25-50
Bahia Blanca	14/16	Oriental	200	7.5	>10
Berlin	16/18	Oriental	200	10	no data
Conca d' Or	14/16	Oriental	300	7.5	25
Conca d' Or	16/18	Oriental	300	10	25
Farolito	12/14	Oriental	PGRs not needed		
Farolito	16/18	Oriental	PGRs not needed		
Helvetia	12/14	Oriental	100	2.5	no data
Helvetia	14/16	Oriental	100	7.5	25?
Helvetia	16/18	Oriental	200	5	25
Laguna	14/16	Oriental	Not recommended for pots		
Lombardia	16/10	Oriental	Not recommended for pots		
Medusa	14/16	Oriental	Not recommended for pots		
Muscadet	12/14	Oriental	PGRs not needed		
Muscadet	14/16	Oriental	Not eff	Not eff	Not eff
Rodolfa	12/14	Oriental	PGRs not needed		
Rodolfa	16/18	Oriental	PGRs not needed		
Sissi	16/18	Oriental	Not recommended for pots		
Starfighter	14/16	Oriental	200	10	25
Star Gazer	12/14	Oriental	50	2.5	no data
Star Gazer	14/16	Oriental	200-300	7.5	Not eff
Star Gazer	16/18	Oriental	300	10	Not eff
Tiara	14/16	Oriental	200-300	10	20-50
Tiara	16/18	Oriental	300	Not eff	50
Tom Pouce	12/14	Oriental	100	7.5	no data
Tom Pouce	14/16	Oriental	200	10	25+
Triumphator Zanlophato	14/16	LO	Not recommended for pots		

Not eff.: Not sufficiently effective at the rates used.

No data = no data available for that cultivar, size and PGR combination.