

- *Essential for bouquets, and as solid bunches.*
- *Suitable for cut flower greenhouse production.*

Single-Flowered Lisianthus

Laguna F1 Series

Ball has consolidated Lisianthus offerings into two series of the very best double and single Lisianthus, consisting of new genetics and existing varieties. Growers can now produce a high quality finished crop in a comprehensive colour range using just one single series and double series. And the end consumer can enjoy the best quality finished product with exceptional colours. Double Lisianthus are

- Now known as the ABC series.
- Single Lisianthus are now known as the Laguna series.

Two other important features of the ABC and Laguna series are the seedling vigor and proven reduced sensitivity to rosetting. These traits enable plugs to be finished 1 to 2 weeks faster than comparable varieties and produce uniform crops. Lisianthus flowers are not Ethylene sensitive therefore do not shatter and are easy to ship. Added to the variety descriptions for ABC and Laguna Lisianthus are "Seasonality Numbers" shown in front of the names. These numbers simplify the choice of the most suitable varieties for specific climatic conditions. The first number, "Speed Guide," tells whether the variety is faster or slower to flower. The second number, "Versatility Guide," indicates whether the variety can be grown over a longer or shorter flowering period.

- A Laguna 2-2 Lilac:** Formerly Malibu Lilac Improved
- B Laguna 2-2 Purple:** Formerly Malibu Purple
- C Laguna 2-3 Butter Cream Blush.** Creamy yellow base with light rose tips
- D Laguna 2-3 Deep Rose:** Formerly Malibu Deep Rose
- E Laguna 2-3 Ivory:** Formerly Malibu White
- F Laguna 2-3 Rose Rim:** Formerly Malibu Rose Rim
- G Laguna 2-4 Blue Rim**
- H Laguna 2-4 Green:** Formerly Malibu Green
- I Laguna 2-4 Purple:** Deep petal colour with dark coloured buds
- J Laguna 2-4 Yellow**
- K Laguna 3-4 Blue Blush:** Formerly Laguna Blue Blush
- L Laguna 3-4 Blue Rim:** Formerly Laguna Blue Rim
- M Laguna 3-4 Peach:** Formerly Laguna Peach
- N Laguna 4-4 Deep Blue:** Formerly Laguna Deep Blue
- O Laguna 4-4 Deep Rose:** Formerly Laguna Deep Rose



Cultural Information

Crop time: 14 to 18 weeks

Planting Density: 64 to 84 plants/sq-m (6 to 8 plants/sq-ft.net).

Pre planting

-Media: Lisianthus should be produced in disease free soils with a medium initial nutrient charge.

-pH: 6.5 to 7.2; Lisianthus prefers a high pH media.

High salt levels will delay flowering and can promote rosetting in susceptible varieties.

-Netting: One to two layers of support netting 15 x 20 cm (4 x 6 in.) are recommended.

Cooler growing temperature will add to stem strength and caliper, but will increase the production time.

Higher temperatures above 28°C (82°F) during the first 4 weeks after transplant can induce rosetting in susceptible varieties.

Irrigation

Begin production with overhead irrigation, then switch to drip irrigation 2 to 3 weeks following

transplant.

Keep the media moist but not wet; allow to dry slightly between waterings. Lisianthus grow slowly at first, and therefore requires little water. Do not allow the soil to dry out when plants are in flower.

Fertilization

Fertilize every other irrigation with calcium nitrate-based fertilizer at 100 to 200 ppm N.

-EC: 1.5 mmhos/cm (using 1:2 extraction). Discontinue fertilizer applications as buds become visible.

Harvest

Harvest Lisianthus when one or more flowers are open. Harvest in the mornings, when flower and plant tissues are cool. Remove field heat by transferring harvested bunches to coolers to optimize post-harvest life.

Post harvest


Always use clean buckets with fresh cool water for harvested Lisianthus. Do not ship flowers that have not had field heat removed. Pulsing with 3% sucrose for 24 hours after harvest increases vase life.


Pests & Diseases

- Aphids
- Leaf miners
- Thrips sp
- Whitefly
- Botrytis sp
- Fusarium sp
- Pythium sp
- Rhizoctonia sp
- TOSPO Viruses

Lisianthus Seasonality Numbers Guide

	Flowering Period			
	Winter	Spring	Summer	Autumn
Seasonality Numbers	1-1			
	1-2			
		1-3		
		2-2		
		2-3		
			2-4	
		3-3		3-3
			3-4	
			4-4	

 This guide Indicates the standard flowering period of a variety.

 Indicates extended flowering period options (extension of flowering period is possible depending on local temperature, day length and light intensity).