

# Ednie Flower Bulbs LLC

3 Weeks  
Cooling  
in the  
Case  
before  
planting

For additional  
information  
see page 2



*Happy  
Growing*

- Easter 2025 is April 20 which is a LATE Easter, the same as 2014 and close to 2019.
- This year's crop varies from early-to-normal in development so growers should constantly monitor the cooling.

INTERRUPTED COOLING Program

This Growing Schedule has 2 options: Choose which one works best by determining the finish date of the crop.

Schedule  
**A**

Crop must be finished by week 14

*The majority of wholesale growers aim for week 14*

Schedule  
**B**

Crop must be finished by week 15

*The majority of retail growers aim for week 15*

## Easter Lily Schedule

Lilium Longiflorum

# Nellie White

Crop 2024 ~ Easter 2025

3 Weeks  
Cooling  
in the POT  
after  
planting



Ednie Flower Bulbs

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## Benefits of Using Biological ROOTSHIELD PLUS+ WP for Chemical-Free Easter Lily Crops



- RootShield Plus+WP is not your typical fungicide. Its patented combination of Trichoderma strains helps roots to grow faster and stronger versus chemicals which may retard capillary root growth. It promotes healthier roots and increases root mass potential.
- RootShield Plus+WP grows in soil and on roots, shielding them against damaging fungi. It provides preventative control of major root rot and damping off of diseases, controlling them for up to 12 weeks (hence the repeat drench at half strength midway the crop).
- For Easter Lilies, RootShield has been shown for many years to protect from soil-borne diseases and studies have proven that it can even substantially increase the bud count.
- Note: RootShield Plus+WP goes dormant below 48°F. (9°C.) which is during cooling. As soon as the temperature goes up, it continues its action.

The process of Interrupted cooling can be achieved in various ways. The basics are part case cooling and part pot cooling which can be done in a cold storage or in a cold (shaded) greenhouse. The grower needs to record the "highs" and "lows" daily, in order to achieve the total amount of cooling hours. The time of cooling in each section may vary (3 + 3, 4 + 2 or 2 + 4 weeks).

Weeks Since Start	Schedule A Week 14 Flowering	Schedule B Week 15 Flowering	As with ALL lilies, the growing period can be divided into 3 different phases.	Night Temperatures	Day Temperatures
				63°F. ~~ 17°C.	63°F. ~~ 17°C.
0	October 21 week 43 2024	October 28 week 44 2024	<u>BULBS SHIPPED</u> , and put in Cold Storage.		
1	October 28 week 44	November 4 week 45	<u>COOLING</u> (Approximate 1000 hours) STARTS. Monitor sprout action developing off the basal plate. 1st week of cooling (see note).	41 - 42°F. ~~ 5.0 - 5.6°C.	
2	November 4 week 45	November 11 week 46	2nd week of <u>COOLING</u> : Monitor sprout and root action. Check for drying soil, especially under fans.	41 - 43°F. ~~ 5.0 - 6.1°C.	
3	November 11 week 46	November 18 week 47	3rd week of <u>COOLING</u> : Check for drying soil. Depending on sprout action inside bulb, adjust temperature if necessary.	41 - 43°F. ~~ 5.0 - 6.1°C.	
4	November 18 week 47	November 25 week 48	<u>BULBS UNPACKED, DIPPED and PLANTED</u> . Bulbs will hydrate and benefit greatly from a 30 minute dip in clear water or RootShield® WP+ Plus (10oz./20 gallons), or similar product.	63°F. ~~ 17°C.	63°F. ~~ 17°C.
5	November 25 week 48	December 2 week 49	<u>PHASE 1: From PLANTING to EMERGENCE</u> . The optimum rooting temperatures in conjunction with sprout development 63°F. (17°C.).	63°F. ~~ 17°C.	63°F. ~~ 17°C.
6	December 2 week 49	December 9 week 50	4th week of <u>COOLING</u> : Monitor sprout and root action. Make sure there is enough moisture in cooler; even cooling depends on this.	41 - 45°F. ~~ 5.0 - 7.2°C.	



# Longiflorum **Nellie White** Interrupted Program



## Crop 2024 - Easter 2025

Weeks Since Start	Schedule A	Schedule B	Crop 2024 - Easter 2025	Night Temperatures	Day Temperatures	Image
	Week 14 Flowering	Week 15 Flowering				
7	December 9 week 50	December 16 week 51	5th week of <b>COOLING</b> : At this time the temperature may be raised if sprouts are barely emerging from the bulb.	41 - 45°F. ~~ 5.0 - 7.2°C.		
8	December 16 week 51	December 23 week 52 2024	6th week of <b>COOLING</b> : This is the last week. Temperatures may need to be adjusted depending on possible emergence of the sprouts.	41 - 45°F. ~~ 5.0 - 7.2°C.		
9	December 23 week 52 2024	December 30 week 01 2025	<b>MOVE POTS</b> into GREENHOUSE. Drench with RootShield® WP+ Plus (6oz./100 gallons), or similar product.	63-65°F. ~~ 17-18°C.	61-63°F. ~~ 16-17°C.	
10	December 30 week 01 2025	January 6 week 02	<b>PHASE 2: EMERGENCE to BUDS VISIBLE</b> . Sprouts start to emerge from soil. As soon as possible fertilize with 400-600 ppm Calcium Nitrate to "fatten" stem caliper.	61-63°F. ~~ 16-17°C.	59-61°F. ~~ 15-16°C.	
11	January 6 week 02	January 13 week 03	<b>COMPLETE EMERGENCE</b> . Sprouts should be 1/2" to 1" (1-2 cm.) tall. If soil is dry, feed with 400 ppm Calcium Nitrate again. Watch humidity; higher humidity will stretch plants.	61-63°F. ~~ 16-17°C.	59-61°F. ~~ 15-16°C.	
12	January 13 week 03	January 20 week 04	<b>SPROUTS SHOULD be 1" (2.5 cm.) TALL</b> . Lower humidity with horizontal airflow. Do not use growth regulators yet... if possible. Check roots!	55-59°F. ~~ 13-15°C.	53-55°F. ~~ 12-13°C.	
13	January 20 week 04	January 27 week 05	<b>SPROUTS SHOULD be 2" (5 cm.) TALL</b> . If possible, fertilize with Calcium Magnesium. Watch height, lower humidity, hold off one more week with growth regulators.	53-57°F. ~~ 12-14°C.	53-55°F. ~~ 12-13°C.	
14	January 27 week 05	February 3 week 06	<b>FLORAL INITIATION</b> should be complete. Check for developed stem roots. <b>COUNT LEAVES</b> . (Add 10 leaves to calculation to ensure B.V. date on time).	55-59°F. ~~ 13-15°C.	53-55°F. ~~ 12-13°C.	
15	February 3 week 06	February 10 week 07	<b>COUNT LEAVES AGAIN</b> . Variation in leaf numbers depends on size of bulb; see instruction booklet. Check pH, salt levels and roots. A soil and leaf test is recommended to check for fertilizer absorption. Depending on total leaves of plant: 36 - 48 leaves to unfold.	63-68°F. ~~ 17-20°C.	59-61°F. ~~ 15-16°C.	
16	February 10 week 07	February 17 week 08	<b>LOOK FOR TWISTING</b> of the LEAVES in the crown of the plant, indicating that buds will soon be visible. Apply first application of growth regulators such as Fascination (5 or 10 ppm) to prevent yellow leaves. 24 - 32 leaves to unfold.	65-72°F. ~~ 18-22°C.	59-63°F. ~~ 15-17°C.	

# Interrupted Growing Method for Easter 2025

*Lilium Longiflorum*

## Nellie White



Weeks Since Start	Schedule A Week 14 Flowering	Schedule B Week 15 Flowering		Night Temperatures	Day Temperatures	
17	February 17 week 08	February 24 week 09	<b>PHASE 3: BUDS VISIBLE to FLOWERING.</b> First buds become visible. Remember horizontal air flow to reduce humidity, An additional drench with RootShield® WP+ Plus (3 oz./100 gallons), or similar product. 12 - 16 leaves to unfold.	65-72°F. ~~ 18-22°C.	59-63°F. ~~ 15-17°C.	
18	February 24 week 09	March 3 week 10	<b>BUDS VISIBLE DATE.</b> Adjust temperatures accordingly. It takes 35 days from Buds Visible to 'puffy white' stage at 63° F. (17° C.). For height control use Propistar only.	65-72°F. ~~ 18-22°C.	59-63°F. ~~ 15-17°C.	
19	March 3 week 10	March 10 week 11	<b>HEIGHT CONTROL</b> is important, either with an additional spray with Propistar, horizontal airflow: lowering day temperatures to increase Negative DIF. Watch humidity late afternoons. Buds 1 - 2" (2 - 5 cm.) long.	65-72°F. ~~ 18-22°C.	59-63°F. ~~ 15-17°C.	
20	March 10 week 11	March 17 week 12	<b>DO NOT LET PLANTS DRY OUT.</b> They will use more (cold) water now, preferably early in the morning to make use of negative DIF. Fascination spray on total plant at this stage will speed up crop and not stretch plants. Buds should be 2 - 3" (5 - 8 cm.) long.	65-72°F. ~~ 18-22°C.	59-63°F. ~~ 15-17°C.	
21	March 17 week 12	March 24 week 13	<b>FIRST BUDS BENDING.</b> It will take 10 days at 72° F. (22°C.) to "puffy" white buds. A possible last spray with Propistar is possible. Buds should be 3 - 4" (8 - 10 cm.) long.	63-72°F. ~~ 17-22°C.	57-61°F. ~~ 14-16°C.	
22	March 24 week 13	March 31 week 14	<b>FIRST PLANTS to STORAGE.</b> A Growth Regulator such as Fascination on entire plant is suggested to prevent yellow leaves. Apply a minimum of 12 hours before storing.	63-72°F. ~~ 17-22°C.	57-61°F. ~~ 14-16°C.	
23	March 31 week 14	April 7 week 15	<b>MONITOR FINISHED CROP in COLD STORAGE.</b> Bring crop out of storage 12 - 24 hours prior to shipping to acclimatize plants and prevent wilting. If needed, water plants before shipping.	35-40°F. ~~ 2-4°C.	55°F. ~~ 13°C.	
24	April 7 week 15	April 14 week 16	<b>PRODUCT TO THE STORES.</b> Since store temperatures are generally warm, please make sure plants have sufficient water not to wilt.	68°F. ~~ 20°C.	75°F. ~~ 24°C.	
25	April 20 week 17		<b>Easter 2025</b>			



This Growing Schedule may be updated if needed.

By EdB 2024

