

Ednie Flower Bulbs LLC

- *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. Growers should carefully unpack the cases as some sprouting may have occurred during the cooling process. See also notes on next page.*

This Growing Schedule has 3 options: Choose which one works best by determining the finish date of the crop.

A

Crop must be finished by week 14.

This schedule is for wholesale growers who ship the product out of the cold storage.

B

Crop must be finished by week 15.

This schedule is for wholesale growers who ship the product out of the greenhouse.

C

Crop must be finished by week 16.

The majority of retail growers aim for Palm Sunday.

Happy Growing



See Next Page



Easter Lily Schedule

Lilium Longiflorum

Nellie White

Crop 2024 ~ Easter 2025



Case Cooled Program



Ednie Flower Bulbs LLC

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



RootShield® Plus+WP is way more than 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).

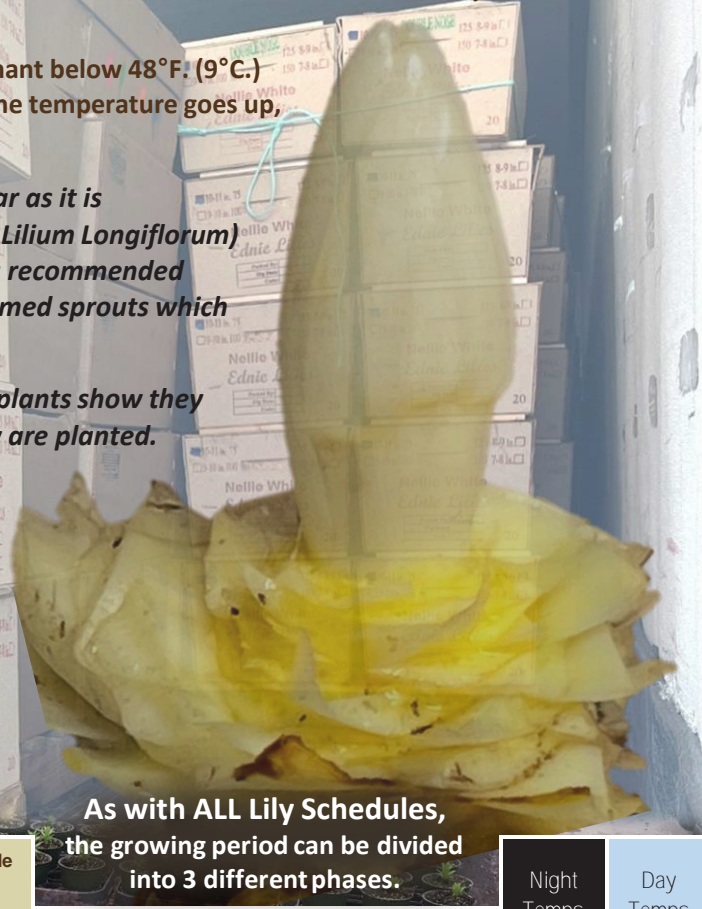
For Easter Lilies, RootShield® Plus+WP has been proven for many years to protect from soil-borne diseases and studies have shown that it can even substantially increase the bud count.

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.

Nature sometimes has a mind of its own. Easter is late this year as it is determined by the moon (see Booklet Growing Instructions on Lilium Longiflorum) but the majority of the crop seems active. Therefore caution is recommended when unpacking the cases to prevent damage to the newly formed sprouts which may show their heads.

If this happens, there is NO need for panic. The newly formed plants show they are alive and well. They just need a little extra care when they are planted.

Often, growers plant the sprouted bulbs deeper in the pot and once the pot is in the greenhouse, the light will slow down the development. Others plant larger sprouts together in a larger pot which is automatically deeper.



As with ALL Lily Schedules, the growing period can be divided into 3 different phases.

PHASE 1 PLANTING to EMERGENCE

| | |
|-------------|-----------|
| Night Temps | Day Temps |
|-------------|-----------|



| | | | |
|-------------------|---|---|---|
| Weeks Since Start | Schedule A Week 14 Flowering | Schedule B Week 15 Flowering | Schedule C Week 16 Flowering |
|-------------------|---|---|---|

Phase 1 is crucial to producing a dynamite crop. Plants need to be monitored closely. Final height and flower count depend on it. Once the roots are established and first feeding is done, cool(er) temperatures allow the plants to develop slowly while "building" the last leaves and subsequently the number of flowers. More leaves equals more flowers. Since Easter 2025 is late and the crop is generally "early" the grower can benefit by running the first 2 weeks cool and the next 2 weeks (coming closer to FLORAL INITIATION) even cooler.



| | | | |
|---|------------------------|------------------------|------------------------|
| 0 | December 9 week 50 | December 16 week 51 | December 23 week 52 |
| | December 16 week 51 | December 23 week 52 | December 30 week 01 |

BULBS SHIPPED, DIPPED and PLANTED. Bulbs were washed but will benefit greatly from a 30 minute dip in clear water or RootShield® WP+ Plus (10oz./20 gallons).

| | |
|-------|-------|
| 63°F. | 63°F. |
| ~ | ~ |
| 17°C. | 17°C. |

MOVE POTS into GREENHOUSE. Drench with RootShield® WP+ Plus (6oz./100 gallons), if the bulbs were not dipped in RootShield.

| | |
|-------|-------|
| 63°F. | 63°F. |
| ~ | ~ |
| 17°C. | 17°C. |










Ednie Flower Bulbs

Longiflorum

Nellie White Case Cooled Program










| Weeks Since Start | Schedule A Week 14 Flowering | Schedule B Week 15 Flowering | Schedule C Week 16 Flowering | Crop 2024 - Easter 2025 <u>PHASE 1 Continued</u> | Night Temps | Day Temps | |
|-------------------|------------------------------------|------------------------------------|------------------------------------|---|----------------------------|----------------------------|---|
| 2 | December 23 week 52 | December 30 week 01 | January 6 week 02 | ROOTS and SPROUTS are DEVELOPING <i>Optimum temperature in conjunction with sprout development is 63° F. (17°C.). Once sprouts emerge from the soil the temperatures can be lowered to prevent early stretching.</i> | 63°F. ~~ 17°C. | 63°F. ~~ 17°C. |  |
| 3 | December 30 week 01 | January 6 week 02 | January 13 week 03 | PHASE 2 EMERGENCE to BUDS VISIBLE <i>Sprouts start to emerge from soil. As soon as possible fertilize with 400-600 ppm Calcium Nitrate to "fatten" stem caliper.</i> | 61-63°F. ~~ 16-17°C. | 59-61°F. ~~ 15-16°C. |  |
| 4 | January 6 week 02 | January 13 week 03 | January 20 week 04 | COMPLETE EMERGENCE. <i>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.</i> | 61-63°F. ~~ 16-17°C. | 59-61°F. ~~ 15-16°C. |  |
| 5 | January 13 week 03 | January 20 week 04 | January 27 week 05 | SPROUTS SHOULD be 1" (2.5 cm.) TALL. <i>Lower humidity with horizontal airflow. Do not use growth regulators yet... if possible. Check roots!</i> | 55-59°F. ~~ 13-15°C. | 53-55°F. ~~ 12-13°C. |  |
| 6 | January 20 week 04 | January 27 week 05 | February 3 week 06 | SPROUTS SHOULD be 2" (5 cm.) TALL. <i>If possible, fertilize with Calcium Magnesium. Watch height, lower humidity, hold off one more week with growth regulators.</i> | 53-57°F. ~~ 12-14°C. | 53-55°F. ~~ 12-13°C. |  |
| 7 | January 27 week 05 | February 3 week 06 | February 10 week 07 | FLORAL INITIATION should be complete. <i>Check for developed stem roots. COUNT LEAVES. (Add 10 leaves to calculation to ensure B.V. date on time).</i> | 55-59°F. ~~ 13-15°C. | 53-55°F. ~~ 12-13°C. |  |
| 8 | February 3 week 06 | February 10 week 07 | February 17 week 08 | COUNT LEAVES AGAIN. <i>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: 38 - 58 leaves to unfold</i> | 63-68°F. ~~ 17-20°C. | 59-61°F. ~~ 15-16°C. |  |
| 9 | February 10 week 07 | February 17 week 08 | February 24 week 09 | LOOK FOR TWISTING 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. <i>25 - 38 leaves to unfold</i> | 65-72°F. ~~ 18-22°C. | 59-63°F. ~~ 15-17°C. | |
| 10 | February 17 week 08 | February 24 week 09 | March 3 week 10 | PHASE 3 BUDS VISIBLE to FLOWERING <i>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. 13 - 19 leaves to unfold</i> | 65-72°F. ~~ 18-22°C. | 59-63°F. ~~ 15-17°C. | |

Longiflorum **Nellie White** Case Cooled Program



Crop 2024 - Easter 2025

PHASE 3 Continued

| Weeks Since Start | Schedule A Week 14 Flowering | Schedule B Week 15 Flowering | Schedule C Week 16 Flowering | | Night Temps | Day Temps | |
|-------------------|------------------------------------|------------------------------------|------------------------------------|--|----------------------------|----------------------------|---|
| 11 | February 24 week 09 | March 3 week 10 | March 10 week 11 | BUDS VISIBLE DATE. <i>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.</i> | 65-72°F. ~~ 18-22°C. | 59-63°F. ~~ 15-17°C. |  |
| 12 | March 3 week 10 | March 10 week 11 | March 17 week 12 | HEIGHT CONTROL is always important and can be achieved with <i>horizontal airflow</i> , and by <i>lowering day temperatures</i> to increase <i>Negative DIF</i> . Watch the <i>humidity</i> in late afternoon and during the <i>night</i> . Additionally, a spray of Propistar is beneficial. Buds 1 - 2" (2 - 5 cm.) long | 65-72°F. ~~ 18-22°C. | 59-63°F. ~~ 15-17°C. |  |
| 13 | March 10 week 11 | March 17 week 12 | March 24 week 13 | DO NOT LET PLANTS DRY OUT. <i>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</i> | 65-72°F. ~~ 18-22°C. | 59-63°F. ~~ 15-17°C. |  |
| 14 | March 17 week 12 | March 24 week 13 | March 31 week 14 | FIRST BUDS BENDING. <i>It will take 10 days at 72° F. (22°C.) to "puffy" white buds. A last spray with Propistar may be applied if needed. Buds should be 3 - 4" (8 - 10 cm.) long</i> | 63-72°F. ~~ 17-22°C. | 57-61°F. ~~ 14-16°C. |  |
| 15 | March 24 week 13 | March 31 week 14 | April 7 week 15 | FIRST PLANTS to STORAGE. <i>A Growth Regulator such as Fascination on entire plant is suggested to prevent yellow leaves. Apply a minimum of 12 hours before storing.</i> | 63-72°F. ~~ 17-22°C. | 57-61°F. ~~ 14-16°C. |  |
| 16 | March 31 week 14 | April 7 week 15 | April 14 week 16 | MONITOR FINISHED CROP in COLD STORAGE. <i>Bring crop out of storage 12 - 24 hours prior to shipping to acclimatize plants and prevent wilting. If needed, water plants before shipping.</i> | 35-40°F. ~~ 2-4°C. | 55°F. ~~ 13°C. |  |
| 17 | April 7 week 15 | April 14 week 16 | April 20 week 17 | PRODUCT IN or TO THE STORES. <i>Since store temperatures are generally warm, please make sure plants have sufficient water not to wilt.</i> | 68°F. ~~ 20°C. | 75°F. ~~ 24°C. |  |
| 18 | April 20 week 17 | | | Easter 2025 | | | |



From Bulb to Bloom
Quality, Service & Expertise

This Growing Schedule
may be updated if
needed.

By EdB 2024

Ednie Flower Bulbs

