

Lure & Pesticide Strips Shelf-Life Guidance – Pest Detection

Background

To ensure that the most effective products are being used in PPQ and PPQ-supported surveys, the Survey Supply Procurement Program (SSPP) is releasing new guidance on lure shelf life. The following information has been developed for supplies that support the Pest Detection and some PPQ program pests (Emerald Ash Borer, Spongy Moth/Flighted Spongy Moth, Cotton, etc.). Fruit fly products will be addressed in separate guidance.

Guidance

The SSPP encourages customers to order fresh lures each year. This guarantees that expired or inferior lures are not used and encourages disposing of excess lures at the end of the survey season. In general, most lures should be replaced annually. The Survey Supply Procurement Program recommends that you order only what you expect to use for the current survey season.

There are a few exceptions where lures may be used in subsequent years if the lures have been stored according to the manufacturer's recommendation.

The following lures will remain effective for up to **two** years from the manufacture date **when stored in the freezer in the original packages:**

- 6-Diol Lure
- 6-Ketone Lure
- Alpha Pinene UHR Lure
- Ammonium acetate lure, bait enhancer
- *Diprion pini* Lure
- Fuscumol acetate Lure
- Geranyl acetol Lure
- *Lymantria xyli* Lure
- Palm Weevil Lure, Ethyl Acetate
- *Rhabdoscelus obscurus* Aggregation Lure
- *Rhynchophorus ferrugineus* Aggregation Lure
- *Rhynchophorus palmarum* Aggregation Lure
- *Spodoptera littoralis* Lure
- *Spodoptera litura* Lure
- Spruce Blend Lure
- *Thaumetopoea pityocampa* Lure
- *Thaumetopoea processionea* Lure
- *Lobesia botrana* 5C lure

The following lures will remain effective for up to **three** years from the manufacture date **when stored in the freezer in the original packages:**

- Japanese Beetle Lure
- Khapra Beetle Lure
- *Megaplatypus mutatus* Lure
- Ethanol Lures
- *Lymantria mathura* Lure
- *Lymantria monacha* one component lure (laminated lure)
- *Lymantria monacha* Lure, 3 Compound
- Z-3 hexenol Lure

The following lure stays effective **beyond expiration date:**

- Torula Yeast Pellets*
- Note: * Science & Technology tests for efficacy every year.

The following lure will remain effective for up to **five** years from manufacture date **when stored in the freezer in the original packages:**

- Spongy/Flighted Spongy Moth String Lure*
- Note: * Despite the expiration date on the SM string lure package, the lure is good for 5 years due to proper cool storage at the Moore Airbase warehouse. (Example: If date of manufacture (DOM) is 5/30/2020, then the lure expiration date is 5/30/2025.)

Other products

Some products do not have an expiration date **when stored at 72 degrees Fahrenheit or cooler.** Here are two examples:

- Pesticide Strip - DDVP, Large
- Pesticide Strip - DDVP, Small

Rounding up orders

Round up lure orders by 20% to ensure that you have enough lures to last the season. This reduces the number of smaller orders that are placed outside of the ordering open period. This also helps the SSPP project future supply needs with greater certainty. **Do not order supplies for multiple years.**

Disposal of Lures

Expired lures should be placed in re-sealable plastic bags and disposed of in regular trash receptacles.

For ethanol lures, due to their volatile and flammable properties, follow the SDS (Safety Data Sheet) for all safety handling instructions, including but not limited

to avoidance of exposure to heat and flame. Furthermore, all disposal procedures must follow local safety guidelines.

Material Safety Data Sheets

Material Safety Data Sheets may be found on the CAPS Resource and Collaboration website at

<http://caps.ceris.purdue.edu/survey-supplies>.

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