

## Summary of Pest List Changes for the 2019 Survey Season

For FY2019, no new pests were added to the Priority Pest List due to a staffing shortage in the CPHST CAPS Support Team. The Team did thoroughly review the List for pests that are candidates for removal from the Priority Pest List or from specific Commodity Pest Lists.

- Two pests were removed entirely from the Priority Pest List after being evaluated by the Objective Prioritization of Exotic Pests (OPEP) model. These two pests received a low probability of impact score.
- Host evaluations also were completed on highly polyphagous pests that are on multiple Commodity Pest Lists to ensure that pests are rightfully on their respective lists. Pests without direct evidence of causing significant damage to a host commodity were removed from that Commodity Pest List.

Additional pests will be evaluated using the OPEP model in FY2019 as part of a Farm Bill project, and every pest on the Priority Pest List will be evaluated eventually. All pests scoring high enough in the OPEP model will be evaluated using the Post-Assessment Questionnaire as staff resources allow. For more information about the OPEP model and CAPS Post-Assessment Questionnaire, see the [Pest Assessment and Prioritization Process](#) document.

Pests will be removed from the Priority Pest List under the following circumstances:

- If a species has been evaluated using the OPEP model and scored below the specified threshold, it will be removed. Pests may be re-submitted in the future if more information becomes available.
- If a species scores high in the OPEP model (Category 1), but fails to pass the CAPS Post-Assessment because no appropriate survey or diagnostic method is available, it will be removed and placed on a research list for survey/diagnostic methods development or improvement. Once approved methodology is identified, the species may be placed on the Priority Pest List.

Pests removed from commodity pest lists are still available for bundled surveys, unless indicated otherwise.

### I. Commodity Pest Lists

#### **Corn:**

Removed:

- *Spodoptera littoralis* (Egyptian cottonworm): Corn is not a preferred host.
- *Punctodera chalconensis* (Mexican corn cyst nematode): This pest was evaluated using the OPEP model and scored below the threshold to be included in the CAPS Priority Pest lists.

#### **Cotton:**

Removed:

- *Autographa gamma* (Silver Y moth): Cotton is not a preferred host.

## Cyst Nematode

Removed:

- *Punctodera chalconensis* (Mexican corn cyst nematode): This pest was evaluated using the OPEP model and scored below the threshold to be included in the CAPS Priority Pest lists.

## Exotic Wood Borer / Bark Beetle

Removed:

- *Chlorophorus annularis* (Bamboo borer): This pest was evaluated using the OPEP model and scored below the threshold to be included in the CAPS Priority Pest lists.

## Grape

Removed:

- *Autographa gamma* (Silver Y moth): Grape is not a preferred host.
- *Epyphys postvitanna* (Light brown apple moth): Grape is not a preferred host.
- *Spodoptera littoralis* (Egyptian cottonworm): Grape is not a preferred host.
- *Spodoptera litura* (Cotton cutworm): Grape is not a preferred host.
- *Thaumatotibia leucotreta* (False codling moth): Grape is not a preferred host.

## Mollusk

Added:

- *Cerutuella virgata* (Maritime garden snail): Already on small grains list, added to mollusk list for clarity.

## Oak

Added:

- *Trypodendron domesticum* (European hardwood ambrosia beetle): Already on EWBB/BB list, oak is a preferred host.

Removed:

- *Thaumatotibia leucotreta* (False codling moth): Oak is not a preferred host.

## Pine

Removed:

- *Lymantria mathura* (Rosy moth): Pine is not a preferred host.

## **Small Grains**

Removed:

- *Autographa gamma* (Silver Y moth): Wheat is not a preferred host.

## **Solanaceous**

Added:

- *Heteronychus arator* (Black maize beetle): Already on Priority Pest List, potato also is a preferred host.