### Viticulture Management

**Cultural Practices**
- Place several double-sided yellow sticky traps per block and check traps weekly for sharpshooters/leafhoppers.
- For more information, contact your local Extension Agent and University of Georgia in cooperation with Fort Valley.
- Edwin J. Jones, Director, Virginia Cooperative Extension, Virginia State University, and the U.S. Department of Agriculture cooperating.

**Diseases**
- Spotted Lanternfly in Virginia Vineyards: Lycorma delicatula (White)

**Design and illustrations:**
- Authors: W.D. Gubler, and J.K. Uyemoto. APS Press.


**INSECTS**
- Integrated pest management in a vineyard combines a variety of tools and practices to control pests. It starts with correctly identifying pests and activity within a vineyard throughout the season. Monitoring and evaluating the impact of pests on grape health and yield is crucial. This involves regular sampling and scouting to determine the correct method for effective management.

**DORMANT**

**BUD SWELL**

**BUD BREAK**

**PREBLOOM**

**BLOOM**

**FRUIT SET**

**BB-SIZED FRUIT**

**PEA-SIZED FRUIT**

**BERRY TOUCH**

**BUNCH CLOSURE**

**VERAISON**

**PREHARVEST**

**HARVEST**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

**11**

**12**

**13**

**CANE AND SPUR PRUNING**

**SHOOT THINNING**

**FROST DAMAGE**

**SHOOT POSITIONING**

**LEAF REMOVAL**

**CANOPY HEDGING**

**DORMANT**

**BUD SWELL**

**BUD BREAK AND NEWSHOOTS**

**PREBLOOM**

**BLOOM**

**POSTBLOOM**

**FRUIT SET**

**EARLYCOVERS**

**BERRY TOUCH AND BUNCH CLOSURE**

**LATECOVERS**

**VERAISON**

**PREHARVEST**

**POSTHARVEST**

**Diseases control in grapes is critical, as grapes are susceptible to a wide range of pathogens. Implementing timely and adequate control practices is crucial to great help to suppress disease. Many additional grapes, such as those commercially available, are susceptible to various pathogens and diseases, and proper control measures are necessary to maintain grape health.**

**Diseases**

- Botryosphaeria canker
- Codling moth
- Powdery mildew
- Downy mildew
- Black rot
- Botrytis
- Bitter rot
- Mealybug
- Sharpshooter/Leafhopper

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**INSECTS**

- Mealybug
- Sharpshooter/Leafhopper
- Japanese beetle and Green June Beetle
- Botryosphaeria canker
- Powdery mildew
- Downy mildew
- Black rot
- Botrytis
- Bitter rot
- Mealybug