

Cucurbit Aphid-borne Yellows Virus (CABYV)



- Infects all cucurbit crops
- Causes leaf yellowing and thickening and reduces plant growth and number of fruit per plant
- Transmitted by many species of aphids
- Occurs in many cucurbit-producing areas of the U.S. and world
- Infects some weeds and vegetable crops
- Occurs periodically in mixed infections with other insect-transmitted viruses



Cucurbit aphid-borne yellows virus (CABYV) is a common aphid-transmitted virus in many areas of the United States. Symptoms of CABYV infection often develop a few weeks after infection and frequently follow large populations of aphids, which can transmit the virus for life. Symptoms are similar to those caused by other viruses, including cucurbit chlorotic yellows virus (CCYV) and cucurbit yellow stunting disorder virus (CYSDV). Laboratory testing is required for virus identification. Management of CABYV focuses on management of its aphid vectors.

Visit the Emerging Viruses in Cucurbits Working Group website at www.eCucurbitviruses.org for additional resources on CABYV and other viruses.

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