Michigan Department of Agriculture and Rural Development
Pesticide and Plant Pest Management Division

BLUEBERRY SCORCH, SHOCK AND SHEEP PEN HILL VIRUSES QUARANTINE
Revised August 10, 2016

WHEREAS, the Director of the Michigan Department of Agriculture and Rural Development, having found that certain injurious viruses have been found or established in certain other states and that these viruses are not known to be established in Michigan; and,

WHEREAS, Michigan is one of the largest producers of highbush blueberries in the United States; and,

WHEREAS these viruses are considered to be the most serious of the viruses affecting blueberry plants; and,

WHEREAS, the Secretary of Agriculture of the United States has not determined that a federal quarantine is necessary.

NOW, THEREFORE, the Director of the Michigan Department of Agriculture and Rural Development, by authority of Section 23 of Act No. 189, P.A. of 1931, as amended, (Section 286.223, Compiled Laws of 1948) and Section 20 (2) of Act No. 189, (Section 286.220(2), Compiled Laws of 1948, and Regulation No. 620, does establish a quarantine to prevent the introduction into Michigan of Blueberry Scorch virus (BlScV), Blueberry Shock virus (BlShV), and Sheep Pen Hill Disease (BlScV-NJ) virus and sets forth: regulated areas, regulated articles, shipping restrictions and violations.

I. DEFINITIONS

The following terms shall be construed to mean:

(A) **CERTIFICATE** means a State Phytosanitary Certificate or Certificate of Quarantine Compliance or equivalent certification document issued by an authorized state agricultural official.

(B) **COMPLIANCE AGREEMENT** means a written agreement between the Director and a person moving or receiving regulated articles.

(C) **DEPARTMENT** means the Michigan Department of Agriculture and Rural Development.

(D) **DIRECTOR** means the Director of the Michigan Department of Agriculture and Rural Development or her/his authorized representative.

(E) **INSPECTOR** means an employee of the Department authorized to enforce the provisions of this quarantine.

(F) **MOVED (MOVE, MOVEMENT)** means shipped, held for shipment, received for shipment, transported, carried, or allowed to be moved or shipped.

(G) **OFFICIALLY MAINTAINED** means that measures consistent with International Standard for Phytosanitary Measures No. 4 *Requirements for the Establishment of Pest Free Areas* are utilized by the plant protection officials in the state of origin to assure freedom from viruses, including general surveillance, specific surveys and routine monitoring of host plants.

(H) **PERSON** means an individual, firm, association, partnership, corporation, governmental entity, or other legal entity.

(I) **VIRUS PEST FREE AREA** means an area where no strain of Blueberry Scorch virus, Blueberry Shock virus or Sheep Pen Hill Disease virus occurs, as demonstrated by scientific evidence, and in which, where appropriate, this virus-free condition is being officially maintained.

II. PESTS

Blueberry Scorch Virus (BIScV) carlavirus – West Coast strain
Blueberry Shock Virus (BIShV) ilarvirus
Sheep Pen Hill Disease (BIScV-NJ) carlavirus – East Coast strain.

III. REGULATED AREAS

All states, territories and districts in the United States and all countries.

IV. REGULATED ARTICLES

Plants, buds, vegetative cuttings or any other propagative forms of:
Vaccinium angustifolium (wild lowbush blueberry)
Vaccinium corymbosum (blueberry)
*Vaccinium macrocarpon (*cranberry*)*
Vaccinium membranaceum (wild black huckleberry)

V. EXEMPTIONS

1. The Director may allow, under a compliance agreement, the movement of regulated articles from regulated areas into Michigan for research purposes.
2. Fresh fruit of the regulated species listed herein that is free of leaf tissue is exempt from the provisions of this quarantine. Frozen fruit and preserved fruit of the regulated species listed herein are also exempt.

VI. RESTRICTIONS

1. All regulated articles shipped into Michigan must be demonstrated free of Blueberry Scorch, Blueberry Shock and Sheep Pen Hill Disease viruses by meeting at least one of the following conditions:
    a. They originate from an area free from any strain of Blueberry Scorch, Blueberry Shock or Sheep Pen Hill Disease viruses, as demonstrated by scientific evidence, and in which, where appropriate, this virus-free condition is being officially maintained.
    b. They are certified under an official certification program in the state of origin that includes testing and inspection for blueberry viruses.
    c. They are shown to be free of Blueberry Scorch, Blueberry Shock and Sheep Pen Hill Disease viruses based on an official laboratory test.
    d. They were micropropagated and/or grown in an insect-proof greenhouse or screenhouse and originate from mother plants that have been tested and found free of Blueberry Scorch, Blueberry Shock and Sheep Pen Hill Disease viruses.
2. Certification programs, inspection methods and laboratory testing protocols must be conducted in a manner approved by the Director.
3. Regulated articles shipped into Michigan from a state other than the state of origin (i.e. reshipment of the regulated article) are required to have been certified in their state of origin as to meeting at least one of the conditions in part VI. (1) a-d; and, must have been maintained to prevent contamination and/or comingling with uncertified stock while in the shipping state.

VII. CERTIFICATION AND SHIPPING REQUIREMENTS

Certificates

1. All regulated articles shipped into Michigan must be accompanied by a Certificate as defined in part I. (A).
2. Certificates must be issued by an authorized state agricultural official in the state where the shipper is located.
3. Reshipped regulated articles must be accompanied by a Certificate issued in the state where the reshipment occurred. For example, a shipment of plants which were produced under a certification program in Oregon, sent to a nursery in Ohio and subsequently reshipped from Ohio into Michigan must be accompanied by a Certificate from Ohio.
4. The Certificate must indicate the state of origin, the quantity, type and varietal name of the regulated articles, address of shipper, address of recipient and one or more of the Additional Declarations listed below corresponding to method of certification.

Additional Declarations

Certificates must contain at least one of the following statements:

1. The *Vaccinium* plants originate from a Blueberry Scorch, Blueberry Shock and Sheep Pen Hill Disease Viruses Pest Free Area.
2. The *Vaccinium* plants were certified under an official certification program in the state of origin that includes testing and inspection for blueberry viruses.
3. The *Vaccinium* plants were shown to be free of Blueberry Scorch, Blueberry Shock and Sheep Pen Hill Disease viruses based on an official laboratory test.
4. The *Vaccinium* plants were micropropagated and/or grown in an insect-proof greenhouse or screenhouse and originate from mother plants that have been tested and found free of Blueberry Scorch, Blueberry Shock and Sheep Pen Hill Disease viruses.

VIII. RECORD KEEPING REQUIREMENTS

Persons receiving regulated articles from interstate or international sources shall retain a copy of shipping records, invoices, waybills, bills of lading, State Phytosanitary Certificates, Certificates of Quarantine Compliance and equivalent certification documents for a period of 36 months after receipt of the articles.

IX. VIOLATIONS

1. Any violation of this quarantine is subject to the full authority of Act No. 189, P.A. of 1931, as amended.
2. Common carriers or other carriers, persons, firms or corporations who transport or move regulated articles in violation of this quarantine and these rules may be subject to the penalties described above.

Jamie Clover Adams — 8/10/16

Jamie Clover Adams, Director — Date

History: Promulgated 2002, Eff. April 22, 2002; Rev. August 10, 2016