

Process for Submitting Samples for Virus Testing through the NC State Plant Disease and Insect Clinic (PDIC) and Micropropagation and Repository Unit (MPRU)

Crops: caneberries, grapes, strawberries, and blueberries

1

- Potential viral symptoms identified in field.
- Sample(s) collected according to protocol.*

2

- Information entered in PDIC database (plantclinic.ces.ncsu.edu); sample gets unique number.
- If only virus testing is needed, the agent, consultant, or client indicates this on form and on sample bag; for testing by both PDIC (nonvirus issues) and MPRU (viruses), provide two samples bagged separately, one specific for virus testing and labeled.
- Sample sent or brought to PDIC**; **shipping by courier should be done as quickly as possible to ensure sample quality.**

3

- PDIC receives sample and logs date received; all pertinent specialists are added to the sample in PDIC database.

4a

- **“Virus testing only”** sample held by PDIC for pickup by MPRU personnel.

5a

- MPRU runs panel of virus screening for specific host.
- **Only MPRU fees apply if sample is entered online** (all hand-written paper forms will incur PDIC fees).

6

- Results entered in PDIC database and a report is sent to associated clients, agents, and consultants as diagnoses are made.
- Management recommendations are given when applicable.

4b

- **“Full diagnostics including virus testing”** sample for virus testing is held for MPRU personnel to pick up; sample for PDIC is processed in clinic.

5b

- PDIC diagnoses any fungal or bacterial diseases, insects, and mites, or issues other than viruses; **PDIC fees apply.**
- MPRU runs panel of virus screening for specific host; **MPRU fees apply.**

* go.ncsu.edu/sampling4viruses

** go.ncsu.edu/pdic_submit_sample

Fees:

PDIC – entered online, submitted through Cooperative Extension: **\$20**
PDIC – directly submitted or entered otherwise: **\$30**
MPRU – **\$50** flat fee per sample + **\$15** per virus per sample

***Out-of-state samples** must be submitted directly to each corresponding laboratory depending on the diagnostic services needed.*

Contact Information:

PDIC
email: plantclinic@ces.ncsu.edu
phone: 919-515-3619

MPRU
email: cvalmeyd@ncsu.edu
phone: 919-515-7250