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Guidelines for testing of “Mother Plants/Stock Culture”

Testing of “mother plants/stock cultures” for freedom from viruses as required by NCS-TCP

1. All mother plants/stock cultures must be indexed for all the viruses affecting the plant species listed in NCS-TCP website.
 - (a) Ideally individual mother plants/stock cultures should be tested.
 - (b) If the number of mother plants/stock culture is large, the samples from batches consisting of a maximum of **10 mother plants/stock cultures** may be pooled for testing.
In such cases –
 - (i) The tissue culture unit must maintain proper record of individual mother plants/stock cultures of each batch, so that individual mother plants/stock cultures or smaller batches could be tested, in cases where the pooled samples are found positive for infection, so that only the cultures from infected mother plant/stock culture are discarded.
 - (ii) If testing is not done as envisaged in 1(b)(i), all the cultures generated from the infected mother plants/stock cultures will have to be discarded.
2. Virus testing can be done ATLS or any Govt. Institute or University having facilities and expertise for virus testing.
3. The applicant company (seeking recognition/renewal of recognition under NCS-TCP) also needs to test the starter material/ stock culture prior to its large scale multiplication in addition to test conducted by its supplier.