

FILLED IN BY THE LABORATORY

|                 |                        |                      |
|-----------------|------------------------|----------------------|
| DATA<br>ARRIVO: | DATA<br>REGISTRAZIONE: | CODICE<br>RICHIESTA: |
|-----------------|------------------------|----------------------|

COMPANY NAME: ..... CONTACT: .....

ADDRESS: .....

PHONE: ..... EMAIL FOR SENDING REPORTS: .....

**FOR THE NEW CUSTOMERS ONLY: INFO FOR INVOICING**

VAT NR:

E-mail for  
sending invoices:

| CROP:   |     |                    | SAMPLING DATE: |                 |                          | FILLED IN BY THE LABORATORY           |                            |                                                         |
|---------|-----|--------------------|----------------|-----------------|--------------------------|---------------------------------------|----------------------------|---------------------------------------------------------|
| Variety | Lot | Number<br>of seeds | Treatments     | Requested tests | Premium                  | Codice<br>provvisorio<br>accettazione | <b>CODICE<br/>CAMPIONE</b> | Conforme                                                |
|         |     |                    |                |                 | <input type="checkbox"/> |                                       |                            | <input type="checkbox"/> si <input type="checkbox"/> no |
|         |     |                    |                |                 | <input type="checkbox"/> |                                       |                            | <input type="checkbox"/> si <input type="checkbox"/> no |
|         |     |                    |                |                 | <input type="checkbox"/> |                                       |                            | <input type="checkbox"/> si <input type="checkbox"/> no |
|         |     |                    |                |                 | <input type="checkbox"/> |                                       |                            | <input type="checkbox"/> si <input type="checkbox"/> no |
|         |     |                    |                |                 | <input type="checkbox"/> |                                       |                            | <input type="checkbox"/> si <input type="checkbox"/> no |

Flag if you request the optional PCR-PRESCREENING step (only for *Clavibacter michiganensis* subsp. *michiganensis*) ☐ yes ☐ no

Customer guarantees that the samples respect what is stated and accepts the conditions written at pages 2, 3 and on the quotation

Remarks:

FILLED IN BY THE LABORATORY : prova accreditata: SI ☐ NO ☐

Operatore: .....

Descrizione e gestione non conformità – altre note:

## TECHNICAL REMARKS FOR THE METHOD ACCREDITED BY ACCREDIA

### DETECTION OF *Clavibacter michiganensis* subsp. *michiganensis* (Cmm) IN TOMATO SEEDS – INTERNALLY DEVELOPED METHOD PR060BATTERI with the last revision

REFERENCE: ISHI-Veg (ISF) protocol: Detection of *Clavibacter michiganensis* subsp. *michiganensis* in tomato seed (version 6 - April 2026)

The minimum sample size is 10.000 seeds with a maximum sub-sample size of 10.000 seeds, as indicated in the reference method.

Customer can require the Premium service, which allows to get the results faster, in compliance with the method and the technical leadtime; this service increases the price of the test of 20%. Expected leadtimes are the following:

- Optional pre-screening real-time PCR assay from seed extract: 3 days
- Dilution and plating, identification of the suspected colonies by 2 real-time PCR assays: 18 days
- Pathogenicity test on tomato plants: 4 weeks

An optional seed extract real time pcr assay may be used as a pre-screen; if this test is negative, the seed sample is considered to be healthy. If positive, this test is followed by the dilution plating and real time pcr assays from the suspected colonies and then the pathogenicity test: the aim of this second part of the method is to verify the presence of viable and pathogenic Cmm. If this test confirm the presence of Cmm, the seed sample is considered as infected.

It is possible to perform both the pre-screen and the tests on the same seed sample, but both the tests must be processed at the same day.

#### Restriction of use:

- The method has been validated on not treated seeds
- The seed extract real time PCR can not be applied on seed treated with protective chemicals, seed disinfectants or biological substances; in particular it is not compatible with seed treated with hypochlorite (ClO<sup>-</sup>).
- The dilution plating is suitable for seed extracted using pectinase and/or acid, and for seed treated with physical (such as hot water) or chemical (calcium or sodium hypochlorite, tri-sodium phosphate, ...) processes. The laboratory check the inhibition of the treatment spiking the sample.
- The ability to recover Cmm on plates can be influenced by the presence of other microorganisms; this is checked by the laboratory spiking the most concentrated seed extracts with Cmm at known concentration.

The samples which don't satisfy these criteria and are less than 10000 seeds will be considered not compliant and the customer will be contacted to decide how to proceed; the possible options are:

- Sending a new sample
- Testing the sample by a method different from the accredited one: in this case the report should not be sent from the customer to third parties
- Testing the sample by the accredited method: in this case the report will describe the not-compliance and if this can affect the reliability of the test, there will be stated that the laboratory declines all the responsibility for the reliability of the result.

**TECHNICAL REMARKS FOR THE METHOD ACCREDITED BY ACCREDIA**

**DETECTION OF Tomato apical stunt viroid (TASVd) IN TOMATO (*Solanum lycopersicum*) AND PEPPER (*Capsicum annuum*) SEEDS** - METHOD EPPO PM 7/138 rev 1 2021 Appendix 4, Pospiviroids

Sample must be of 3000 seeds, as recommended by the method.

Customer can require the Premium service, which allows to get the results faster, in compliance with the method and the technical leadtime; this service increases the price of the test of 20%. Expected leadtime is 3 days excluded festivity.

**Restriction of use:**

- The analysis is suitable for treated seed: the possible presence of inhibitors, which could affect the reliability of the tests, is checked adding an internal control at known concentration to each seed extracts.

The samples which don't satisfy these criteria and are less than 3000 seeds will be considered not compliant and the customer will be contacted to decide how to proceed; the possible options are:

- Sending a new sample
- Testing the sample by a method different from the accredited one: in this case the report should not be sent from the customer to third parties
- Testing the sample by the accredited method: in this case the report will describe the not-compliance and if this can affect the reliability of the test, there will be stated that the laboratory declines all the responsibility for the reliability of the result.

The samples of 3000 seeds to be tested also for viruses tested by ELISA method will be considered as not compliant and will be tested, if customer doesn't state differently in this form, by a method different from the accredited one.