

AUTHENTICATED REGISTER OF APPROVED PROTOCOLS AS MEANT IN THE  
'NAL AUTHORIZATION-AGREEMENT'

ANNEX OF THE NAL-CERTIFICATE REG.NR. 439  
ISSUED BY NAKTUINBOUW D.D. 2 OCTOBER 2021  
TO: NUNHEMS NETHERLANDS B.V.

TESTS:

Sampling

- Seeds

Seed analysis

- Germination tests
- Determination of moisture content
- Determination of other seeds by number
- Determination of physical purity
- Determination of seed weight
- Vitality tests

Seed Health

**Bacteria**

*Acidovorax citrulli* in Cucurbitaceae seeds

*Clavibacter michiganensis* subsp. *michiganensis* in tomato seeds

*Pseudomonas savastanoi* pv. *phaseolicola* in bean seeds

*Pseudomonas syringae* pv. *tomato* in tomato seeds

*Pseudomonas syringae* pv. *porri* in leek seeds

*Xanthomonas axonopodis* pv. *phaseoli* in bean seeds

*Xanthomonas hortorum* pv. *carotae* in carrot seeds

*Xanthomonas* spp. (*Xanthomonas gardneri*, *Xanthomonas euvesicatoria*, *Xanthomonas perforans* and *Xanthomonas vesicatoria*) in tomato and pepper seeds

**Fungi**

*Alternaria dauci* on carrot seeds

*Alternaria radicina* on carrot seeds

**Viroid**

Pospiviroids (CEVd, CLVd, MPVd, PSTVd, PCFVd, TASVd, TCDVd and TPMVd) on tomato and pepper seeds

**Virus**

Cucumber Green Mottle Mosaic Virus (CGMMV) in Cucurbitaceae seeds

Lettuce Mosaic Virus (LMV) (seedling test) in lettuce seeds

Melon Necrotic Spot Virus (MNSV) in Cucurbitaceae seeds

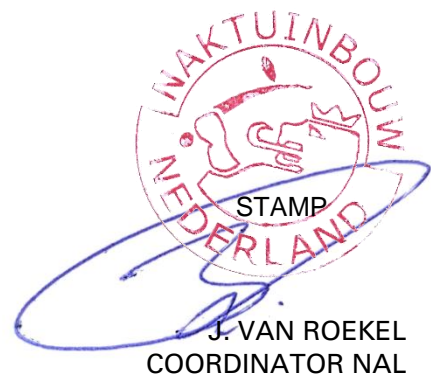
Pepino Mosaic Virus (PepMV) in tomato seeds

Squash Mosaic Virus (SqMV) in Cucurbitaceae seeds

Tobamovirus in pepper, tomato and egg plant seeds

- including ToBRFV

ROELOFARENDSVEEN,  
2 OCTOBER 2021



STAMP  
J. VAN ROEKEL  
COORDINATOR NAL

ONLY VALID WHEN STAMPED AND PROVIDED WITH AN ORIGINAL SIGNATURE