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April 26, 2020

Re: MICROBIOLOGICAL TEST OF SEEDS

Official sample No. 45845-2020/2
 Certificate import no. 92488-2020

Sample Details:

Sample:	Coated squash seeds CUCURBITA PEPO	Lab ID:	2539
Variety:	NOUR	Seeds origin:	CHILE
Lot No.	5974491*	Name of official Sampler:	Meirav Maor
Weight of sample:	360 gr	Seed owner:	Efal Chemicals
Weight of shipment:		Date sampled: 13.04.2020	Date Received: 14.04.2020

TESTED FOR:	RESULTS
Acidovorax citrulli (Ac) - 1000 seeds, by the PCR method.	Negative
Cucumber Green Mottle Mosaic Virus (CGMMV) - 20 replicates 100 seeds each, by the ELISA method.	Negative
Fusarium solani - 400 seeds	Negative

The tests were performed according to:

S.O.P 50: "Testing samples by the ELISA method".

CGMMV: Prime, Lot: C61937/ C61923, Ex: 08/21

S.O.P 83: "Detection of Fungi in seeds for: *Pythium* spp., *Phytophthora* spp., *Fusarium* spp., *Rhizoctonia* spp., *Verticillium* spp., *Lasiodiplodia* spp., *Cylindrocladium* spp., *Myrothecium* spp., *Didymella* spp., *Phoma* spp., *Colletotrichum* spp., *Alternaria* spp., *Stemphylium** spp., *Pestalotia* spp., *Rhizopus* spp., *Penicillium* spp., *Aspergillus* spp., *Diplodia* spp., *Helminthosporium* spp., *Drechslera* spp., *Bipolaris* spp., *Septoria* spp., *Cladosporium* *spp., *Macrophomina* sp., *Phacidiopycnis* spp., *Neofabraea* spp. *Urocystis cepulae*, *Sclerotium cepivorum*, *Sclerotinia* spp., *Botryosphaeria* spp., *Botrytis* spp., *Ascochyta* spp."

S.O.P 120: "Detection of the bacteria: *Acidovorax citrulli* (Ac) in cucurbitaceae seeds and plants by the PCR method"

Comments:

* Changes from the former report: Lot num was changed due to typing mistake.

- Transportation: The sample was received in the laboratory without any means of protection from temperature changes.
- Treatment: The seeds were treated by FLUDIOXONIL. The treatment may interfere or mask the results.
- ISRAC is not responsible for the testing results conducted by the laboratory and the laboratory's accreditation is not considered as an approval of ISRAC or different party related to the assessed.
- This document must be referred to entirely and copying of any part of it to other documents is forbidden
- The data in this certificate reflect results that are valid for analyzed samples only as received in the lab.
- The protocols are not valid for coated/pelleted seeds.
- The test performed is under accreditation to ISO/IEC 17025 standard

Final results are the PPIS representative responsibility.

End of certificate.

Sincerely yours,
 Isaac Assouline
 Head, Microlab Laboratories (99) LTD.