Accepted Manuscript

Title: An efficient recovery method for enteric viral particles

from agricultural soils

Authors: Julie Brassard, Marie-Josée Gagné

PII: S0166-0934(18)30255-6

DOI: https://doi.org/10.1016/j.jviromet.2018.06.014

Reference: VIRMET 13488

To appear in: Journal of Virological Methods

Received date: 18-5-2018 Revised date: 22-6-2018 Accepted date: 23-6-2018

Please cite this article as: Brassard J, Gagné M-Josée, An efficient recovery method for enteric viral particles from agricultural soils, *Journal of Virological Methods* (2018), https://doi.org/10.1016/j.jviromet.2018.06.014

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

An efficient recovery method for enteric viral particles from agricultural soils.

Julie Brassard1*, Marie-Josée Gagné1

¹Agriculture and Agri-Food Canada, Saint-Hyacinthe Research and Development Centre, 3600 Casavant Boulevard West, Saint-Hyacinthe, Quebec, Canada, J2S 8E3

*Author for correspondence: Julie Brassard.

Tel: 450-768-7942, 3600 Casavant Boulevard West, Saint-Hyacinthe, Quebec, Canada, J2S 8E3, E-mail: julie.brassard@agr.gc.ca

Highlights:

- Pathogenic viruses can be introduced into soil by human activities and may pose a public health problem.
- Development of a concentration and extraction procedure for viral particles and genomic material from soils.
- Importance of the use of an internal process control like MNV in order to avoid the occurrence of false negative reactions.

Download English Version:

https://daneshyari.com/en/article/8746968

Download Persian Version:

https://daneshyari.com/article/8746968

<u>Daneshyari.com</u>