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Food and Agriculture
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Продовольственная и
сельскохозяйственная организация
Объединенных Наций

Organización de las
Naciones Unidas para la
Alimentación y la Agricultura

منظمة
الغذية والزراعة
للأمم المتحدة

COMMISSION ON PHYTOSANITARY MEASURES

Fourteenth Session

Rome, 1-5 April 2019

**CPM recommendations - Comments on draft CPM Recommendation on
“High-throughput sequencing (HTS) technologies as a diagnostic tool for
phytosanitary purposes”**

Agenda item 8.10

Prepared by Republic of Korea

English only



Republic of Korea would like to suggest some comments on the paper CPM2019/10 attachment 1 (presented in CPM 2019/10_01) on draft CPM Recommendation “High-throughput sequencing (HTS) technologies as a diagnostic tool for phytosanitary purposes”, to align the title and some contents with the intention of the Recommendation.

New text proposals are presented as underlined text and removal of words are presented in ~~striktthrough text~~ presented below.

The CPM is invited to:

- 1) *adopt* the proposed draft CPM Recommendation with the below revised text.

Proposed adjustments:

1. Title:

CPM recommendation: Preparing to use High-throughput sequencing (HTS) technologies as a diagnostic tool for phytosanitary purposes

2. Background (second paragraph):

High-throughput sequencing (HTS) technologies, also known as next generation sequencing (NGS) or deep sequencing technologies, has potential to provide an ~~are providing a powerful~~ alternative to traditional diagnostic methods for the detection and identification of organisms (e.g. bacteria, fungi, phytoplasmas, viruses, and viroids).

3. RECOMMENDATIONS (second paragraph):

Before ~~When~~ a contracting party is proposing to use HTS technologies and their results (...).

4. RECOMMENDATIONS (first indent “a”):

(a) *establish* guidelines on what phytosanitary actions, if necessary including pest risk analysis, should be taken after detection of an unknown organism (e.g. fungi, bacteria or virus) or detection of non-viable organisms in plant material