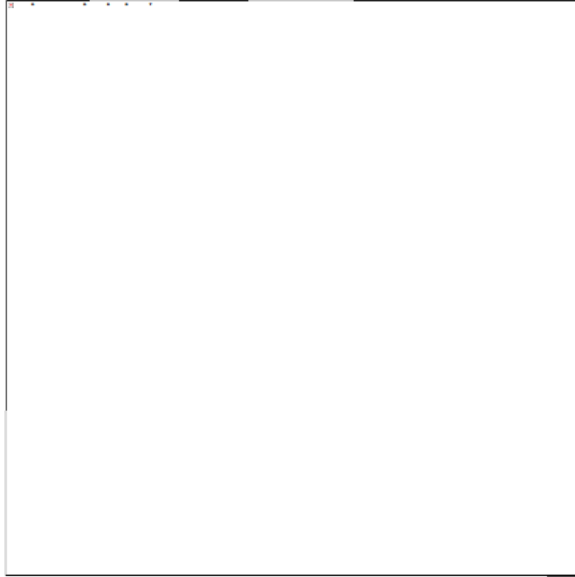


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**De :** [redacted]

**Envoyé :** vendredi 11 janvier 2019 14:16

**À :** [sante-consult-e3@ec.europa.eu](mailto:sante-consult-e3@ec.europa.eu)

**Cc :** [redacted] <[@sante.belgique.be](mailto:@sante.belgique.be)>; [redacted] <[@ec.europa.eu](mailto:@ec.europa.eu)>;

[redacted] <[@ec.europa.eu](mailto:@ec.europa.eu)>; [redacted] <[@ec.europa.eu](mailto:@ec.europa.eu)>;

[redacted] <[@sante.belgique.be](mailto:@sante.belgique.be)>

**Objet :** Follow up PAFF 03/12/2018 - new mutagenesis techniques

**Importance :** Haute

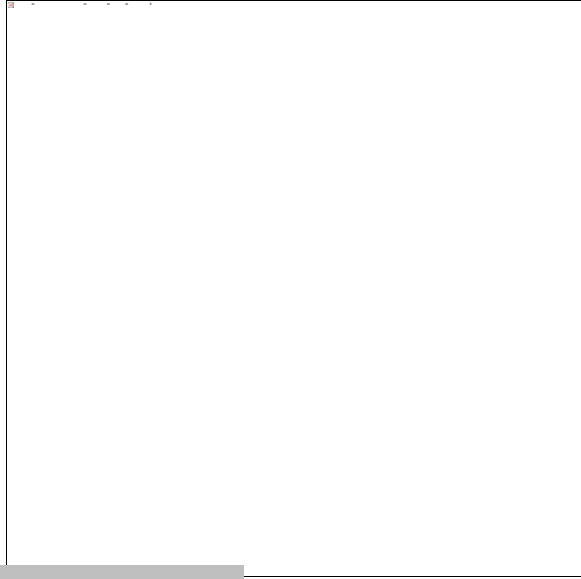
Dear [redacted] and colleagues,

As previously announced, here's some more feedback from Belgium. It's about monitoring issues in case of field trials with organisms obtained by new mutagenesis techniques :

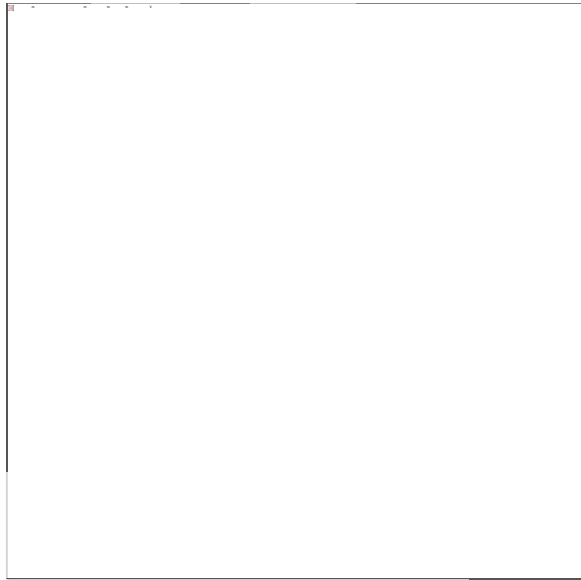
- Method must be available for the detection of GMO targeting single nucleotide modification (ex qPCR or digital PCR or target PCR amplification followed by sequencing, no WGS - it is impossible to use this in field for plants).
- A priori knowledge of the frequency of the mutation in the nature is needed, especially in the tested non-GM cultivars. If this information is unknown, a pre-monitoring must be done in the tested non-GM cultivars to determine this natural frequency of mutation.
- Monitoring during the field trial to determine the frequency of mutation: Preliminary statistical study needs to be done to determine the number of samples to take during the field study in order to be able to test for significant deviation of the frequency of the mutation (due to GM) in comparison with the frequency of the natural mutation via statistical analysis.

Best regards,

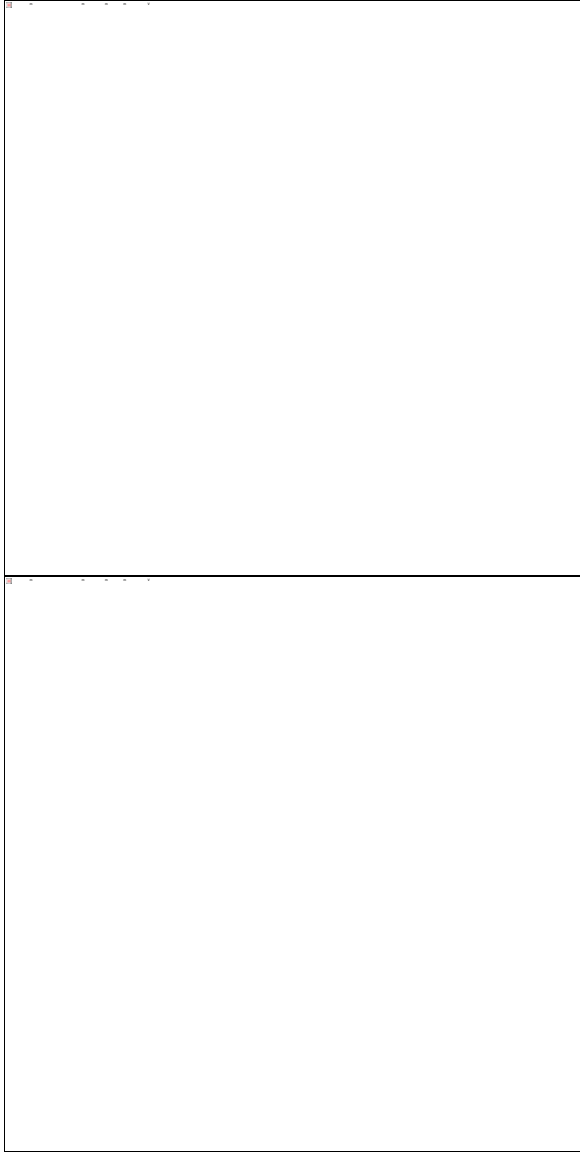
[redacted]



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Eurostation | Place Victor Horta, 40/10 | 1060 Saint-Gilles | Belgique

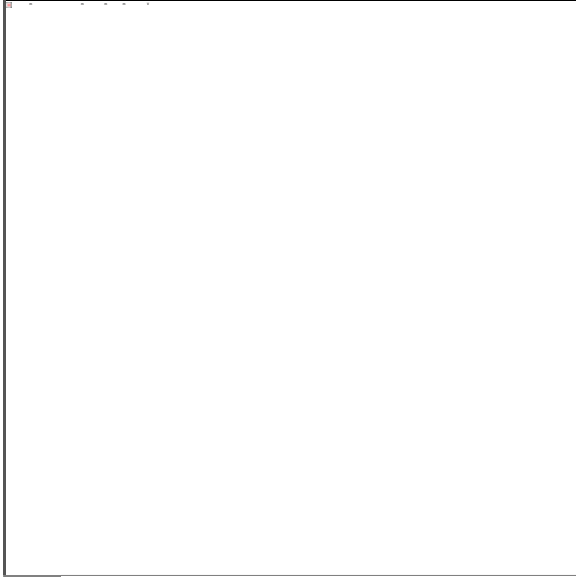


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