

Dr. Ewen Mullins
Teagasc
Oak Park
Co Carlow

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Request for further information under Article 19 (1) of S. I. No. 500 of 2003 with regard to notification for consent to release GMOs into the environment for purposes other than placing on the market (GMO Register G0469-01, Reference B/IE/12/01) – 3rd request

Dear Dr Mullins

I refer to the above mentioned notification, and request the following information which is required to assist the Agency in their review of the application.

1. How will the comparator plants, grown in parallel to the GM lines within each site be treated / managed, following completion of the trial?
2. Please provide a definition for ‘agri-environment’ and ‘cisgenesis’?
3. Please provide evidence to support the following statements made in the notification.

Pages 27/28, Section H2:

- “The cisgenic line A15-031 only possesses a significant selective advantage over its non-cisgenic comparator within the managed environment of a cropping system and only in the presence of *P. infestans*”
- “In the absence of *P. infestans*, A15-031 is substantially equivalent to its non-cisgenic comparator, with the exception that A15-031 contains the Rpi-vnt1.1 gene, from the wild potato species *S. venturii*”.
- “...Coupled with the fact that *P. infestans* resistance is not a key determinant for inducing potential invasiveness. It can be concluded ...”

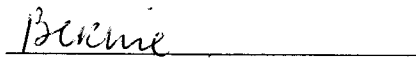


Page 19, Section D5:

- “The cisgenic A15-031 line to be studied at Oak Park is phenotypically stable as per previous testing conducted in the Netherlands”.
 - **Section D5:** “As the desired trait of increased resistance to *P. infestans* has been consistently expressed in successive generations it has been concluded that the inserts are genetically stable”
5. Finally please provide evidence that the Rpi-vnt1.1 gene gives rise to a single trait i.e. blight resistance and that alternative splicing does not occur.

In accordance with Article 8(1) of the GMO (Deliberate Release) Regulations, S.I. No 500 of 2003, “*a period of time during which the Agency is awaiting any further information on a notification, which it may have requested from the notifier, shall not be taken into account*”, i.e. the clock is stopped until such time as all the requested information is received by the Agency.

Yours sincerely



Bernie Murray
Inspector
Office of Climate, Licensing and Resource Use.