Other GMHT Maize,Soya, Beet, OSR....

Assess consequences when these are grown in rotation

eg: problems of controlling RR maize/rapeseed volunteers in other RR crops .....

Future : different HT systems in same crop and stacked HT (GM and non-GM) genes

efsa
European Food Safety Authority

GM HT Oilseed rape: Glyphosate, Glufosinate and Imidazolinone

ERA Guidance Proposals

Interactions with other GMHT crops incl. adventitious Gene Stacking

The applicant should consider the consequences of gene stacking and adventitious gene transfer to or from other GM crops on the management of these crops. If gene stacking will result in further changes to management practices (eg volunteer control) then the environmental impacts of such changes should be evaluated.

HT Stacks (GM and non-GM)

- These will allow novel combinations of (Broad Spectrum) herbicides
- Applicants should consider the range of herbicides and management systems that could be used.
- Evaluate probability of Env harm cf conventional systems
- Propose management that limits Env harm to current levels .

ERA Guidance Proposals

Weed Resistance

- The likelihood of resistance development in weeds exposed to the changed herbicide management should be assessed (considering also other GMHT crops in rotations with the new GMHT crop) .
- Applicants should develop weed resistance management programmes as part of their stewardship of the Herbicide and GMHT crop
- Weed resistance should be **monitored** in line with requirements under EU Pesticide Legislation **(EC91/220 and EC1107/2009)**

Thank you

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