CropLife Europe

Dietary Exposure Assessment

23 June 2021

Content

- **Ad-hoc Dietary Exposure Scenario for Pollen-based Supplements**
  - Need for pollen-supplement recipes
  - Consideration of crop-specific biology

- **New DEA Models/Tools, Update Animal DEA**

Ad-hoc Dietary Exposure Scenario for Pollen-based Supplements

- **In case a refined human DEA is required, need for pollen-supplement recipes**
- **Consideration of crop-specific biology**
  - Flower (or flower parts) tissue from soybean and oilseed rape plants can be used as a surrogate for pollen matrix (EFSA, April 2020)
  - No scientific rationale for pollen collection if
    - Crop produces no pollen prior to harvest (biennial crop, like sugar beet)
    - Genetic modification is such that no NEP expression in pollen
  - Collection of pollen from maize (even though maize is not a melliferous crop, honey bees can sporadically forage on maize pollen)

New DEA Models/Tools
Update Animal DEA

- **Raw primary commodity (RPC) model to be used for human DEA of GM crops**
  - Can EFSA provide an update on the status? Has the RPC model been verified and validated for hDEA of GM crops? How do the results compare?
  - Is there a need to develop a digital tool after implementation of the RPC model?

- **Animal DEA**
  - Can EFSA provide an update on the status?