**GAP Table for Efficacy**

**GAP table for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | | **GAP rev. 1, date:** |
| **Product name**  **Active ingredient(s)** | | **Formulation type:**  **Conc. of a.i:** | |
|  | |  | |
| **Applicant:** | |  | |
|  | |  | |

| 1 | 3 | 4 | 5 | 6 | 7 |  | 8 | 10 |  | 11 | 12 | 13 | 14 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Use-No.** | **Crop and/ or situation** (crop destination / purpose of crop/growth habitat e.g indoor or outdoor) | **Fungicide/Herbicide/Insecticide/Others (specify)** | **Pests or Group of pests controlled** (additionally: developmental stages of the pest or pest  Group, where necessary [e.g. larvae, adults]) | **Application** | | | | **Application rate** | | | | **PHI** (days) | **Remarks:** |
| Method / Kind | Timing / Growth stage of crop & season | Max. number of applications per crop or season | Min. interval between applications | L product / ha  a) max. rate per appl.  b) max. total rate per crop/season | g/kg a.i/ha  a) max. rate per appl.  b) max. total rate per crop or season | g/kg of a.i. per hL  min. --max. | Water L/ha  min / max |
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| **Assessment summary table – Operator exposure modelling and local risk assessment** | | | | | | | |
| **Product name & formulation type:** | | | | **Active ingredient name:** | | | |
| **Name of the exposure model:** | | | | **Registration file number:** | | | |
| **Name of the Company:** | | | | **Date of the assessment:** | | | |
| **Details/parameters of exposure scenario(s)** | | | **Application rate**  (kg a.i./ha) | **Total systemic exposure**:  (mg a.i./kg bw/day) | **Acceptable Operator Exposure Level** (AOEL)  (mg a.i./kg bw/day) | **Risk**  Exposure as % of AOEL | **Comments**  (e.g. expected over- or underestimation of exposure using this scenario) |
|  | |  |
| **1** | *{Exposure scenario 1: crop, application method & equipment}* | | | | | | |
| a | No PPE | |  |  |  | % |  |
| b | With PPE *{describe}* | |  |  |  | % |  |
| **2** | *{Exposure scenario 2: crop, application method & equipment}* | | | | | | |
| a | No PPE | |  |  |  | % |  |
| b | With PPE *{describe}* | |  |  |  | % |  |
| **3** | *{Exposure scenario 2: crop, application method & equipment}* | | | | | | |
| c | No PPE | |  |  |  | % |  |
| d | With PPE *{describe}* | |  |  |  | % |  |
| Does any assessment indicate specific concerns with respect to operator risks?  If yes, can the use of personal protective equipment (PPE) reduce the risk to acceptable levels? | | | | | | | |

***Check:***

🞎 *Input page of the exposure calculation saved or attached.*

🞎 *Output page of the exposure calculation saved or attached.*

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Assessment summary table – Worker exposure modelling and local risk assessment** | | | | | | | |
| **Product name & formulation type:** | | | | **Active ingredient name:** | | | |
| **Name of the exposure model:** | | | | **Registration file number:** | | | |
| **Name of the Company:** | | | | **Date of the assessment:** | | | |
| **Details/parameters of exposure scenario(s)** | | | **Application rate**  (kg a.i./ha)  **& frequency** | **Total systemic exposure**:  (mg a.i./kg bw/day) | **Acceptable Operator Exposure Level** (AOEL)  (mg a.i./kg bw/day) | **Risk**  Exposure as % of AOEL | **Comments**  (e.g. expected over- or underestimation of exposure using this scenario) |
|  | |  |
| **1** | *{Exposure scenario 1: crop, indoor/outdoor, task}* | | | | | | |
| a | No PPE (potential exposure) | |  |  |  | % |  |
| b | Work wear / PPE 1 *{describe}* | |  |  |  | % |  |
| c | Work wear / PPE 2 *{describe}* | |  |  |  | % |  |
| **2** | *{Exposure scenario 2: crop, indoor/outdoor, task }* | | | | | | |
| a | No PPE (potential exposure) | |  |  |  | % |  |
| b | Work wear / PPE 1 *{describe}* | |  |  |  | % |  |
| c | Work wear / PPE 2 *{describe}* | |  |  |  | % |  |
| **3** | *{Exposure scenario 3: crop, indoor/outdoor, task }* | | | | | | |
| a | No PPE (potential exposure) | |  |  |  | % |  |
| b | Work wear / PPE 1 *{describe}* | |  |  |  | % |  |
| c | Work wear / PPE 2 *{describe}* | |  |  |  | % |  |
| Does any assessment indicate specific concerns with respect to worker risks?  If yes, can the use of personal protective equipment (PPE) or a longer re-entry period reduce the risk to acceptable levels? | | | | | | | |

***Check:*** 🞎 *Input page of the exposure calculation saved or attached.*

🞎 *Output page of the exposure calculation saved or attached.*

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| **GAP table for residue** | | | | | | | | | | | | | | |
| Product name : | | | | | | | | Formulation type: | | | | | | |
| Active ingredient: | | | | | | | | Concentration of active ingredient: | | | | | | |
| Applicant’s name: | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| **Use-No.** | **Country** | **Formulation details**  **(a.i/L or Kg and formulation type)** | **Crop and/ or situation** (crop destination / purpose of crop, growth habit e.g outdoor, indoor) | **Application** | | | | | | | | **PHI** (days) | **Results**  (mg a.i/kg) | **Codex/EU MRL** |
| Method / Kind | Timing / Growth stage of crop | Number of applications per season | Interval of applications | Product rate/ ha | g/kg a.i/ha | g/kg of a.i. per hL  min. --max. | Water L/ha  min / max |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Assessment Summary Table – Honeybee risk assessment** | | | | | | |
| **Product name & formulation type:** | | | **Active ingredient name:** | | | |
| **Name of the assessor:** | | | **Registration file number:** | | | |
| **Company Name of Applicant:** | | | **Date of the assessment:** | | | |
| *Parameters that may influence honeybee exposure in a risk assessment for local situation under review* | | | | | | |
| **Exposure parameter** | | ***Possible effect on the risk of the pesticide*** | | **Describe/quantify the parameter for:** | |  |
|  | ***Local situation under review*** |  |
|  | **Ecotoxicology** (only if the honeybee species are different) | | | | | |
| 1 | Acute oral LD50 | *Low LD50 🡺 high impact* | |  | | |
| 2 | Acute contact LD50 | *Low LD50 🡺 high impact* | |  | | |
| 3 | Acute oral brood LD50 | *Low LD50 🡺 high impact* | |  | | |
| 4 | Acute oral NOAEL |  | |  | | |
| 5 | Larval LD50 |  | |  | | |
| 6 | Larval NOAEL |  | |  | | |
| 7 | Foliar residual toxicity RT25 | *High RT25 🡺 high impact & 🡺 low likelihood of recovery after pesticide impact* | |  | | |
| 8 | Other toxicity data *(specify)* |  | |  | | |
|  | **Exposure – Crop** | | | | | |
| 9 | Crop(s) | *Describe crop type* | |  | | |
| 10 | Crop attractiveness to bees | *Yes or NO. If crop is not attractive to bees 🡺 no exposure likely (unless attractive weeds grow in the crop)* | |  | | |
| 11 | Period(s) in the growing season when the pesticide is applied to the crop | *Describe plant growth stage at application* | |  | | |
|  | **Exposure – Pesticide application** | | | | | |
| 12 | Mode of application | *Some modes of application (e.g. dusting, aerial application, drilling treated seed that produces dust) 🡺 high exposure risk; Some modes of application (e.g. seed/soil treatment with non-systemic pesticide; brushing) 🡺 low exposure risk (unless soil nesting bees)* | |  | | |
| 13 | Dose rate (kg a.i./ha) | *High dose rate 🡺 high exposure/impact risk* | |  | | |
| 14 | RQ’s Derived from BeeRex Model | *In-Crop and Off-crop (For foliar applications); Acute Contact, Acute Dietary; Chronic dietary* | |  | | |