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| **Assessment summary table – Honeybee hazard assessment** | | | | |
| **Product name:** | | | **Active ingredient name:** | |
| **Registration file number:** | |
| **Name of the assessor:** | | | **Date of the assessment:** | |
| **Hazard parameters** | |  | | **Notes** |
|  | **Pesticide product** | | | |
| 1 | Pesticide type |  | | *Insecticide, fungicide, herbicide, acaricide, etc.* |
| 2 | Is pesticide systemic? | *Yes / No* | |  |
| 3 | Is pesticide insect growth regulator? | *Yes / No* | |  |
| 4 | Type of formulation |  | | *Some formulations types (e.g. micro-encapsulation, sugary baits, DP, WP) 🡺 potentially higher hazard* |
|  | **Ecotoxicology** | | | |
| 5 | Acute oral LD50 |  | | Hazard class: |
| 6 | Acute contact LD50 |  | | Hazard class: |
| 7 | Oral brood LD50 and/or NOAEC |  | |  |
| 8 | Foliar residual toxicity RT25 |  | | Extended residual toxicity: *Yes / No* |
| 9 | Chronic (10-day) oral toxicity (NOAEC) |  | |  |
| 10 | Other toxicity data *(specify)* |  | |  |
| 11 | Semi-field or field trial results *(specify)* |  | |  |
|  | **Exposure – Crop** | | | |
| 12 | Crop(s) |  | |  |
| 13 | Is crop attractive to bees? | *Yes / No* | | *If crop is not attractive to bees 🡺 no exposure likely (unless attractive weeds grow in the crop)* |
| 14 | Will pesticide be applied when crop(s) is (are) flowering? | *Yes / No* | | *If overlap between flowering of crop and pesticide applications 🡺 higher exposure risk* |
| 15 | Are weeds flowering in the crop That may be attractive to bees? | *Yes / No* | |  |
| 16 | Will pesticide be applied when weeds are flowering? | *Yes / No* | | *If overlap between flowering of weeds and pesticide applications 🡺 higher exposure risk* |
| 17 | Does crop have extrafloral nectaries? | *Yes / No* | | *If extrafloral nectaries present in crop 🡺 higher exposure risk* |
| 18 | Is crop regularly infested with honeydew producing insects? | *Yes / No* | | *If honeydew producing insects present in crop 🡺 higher exposure risk* |
|  | **Exposure – Pesticide application** | | | |
| 19 | Mode of application |  | | *Some modes of application (e.g. dusting, aerial application, drilling treated seed that produces dust) 🡺 higher exposure risk*  *Some modes of application (e.g. seed/soil treatment with non-systemic pesticide; brushing) 🡺 lower exposure risk* |

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|  | **Hazard assessment** | |
|  | What are expected principal routes of exposure of honeybees to the pesticide? |  |
|  | Is exposure of honeybees possible and/or likely?  *Provide explanation* |  |
|  | Are acute or chronic adverse effects on honeybees possible/likely?  *Provide explanation* |  |
|  | What are the main hazard concerns for honeybees of using this pesticide as proposed by the applicant? |  |
|  | What mitigation measures might be implemented to reduce possible adverse effects of the pesticide? |  |