

## Completeness checklist

(Appendix E of the 2019 EFSA Explanatory Note on literature searching)

| Specify the application number, event(s), plant species, intended trait(s), and the scope of the application for which literature searching is performed   |  |  |               |
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| Application number: EFSA-GMO-RX-005  |  |  |               |
| Event(s): GA21   |  |  |               |
| Plant species: maize   |  |  |               |
| Intended trait(s):<br><input checked="" type="checkbox"/> Herbicide tolerance: mEPSPS confers tolerance to glyphosate<br><input type="checkbox"/> Insect resistance: not applicable<br><input type="checkbox"/> Others: not applicable   |  |  |               |
| Scope:<br><input checked="" type="checkbox"/> Import/processing for food/feed uses<br><input type="checkbox"/> Cultivation   |  |  |               |
| Specify the context in which literature searching is performed   |  |  |               |
| <input type="checkbox"/> GMO applications for market authorisation submitted under Regulation (EC) No 1829/2003 <i>after</i> the Implementing Regulation (EU) No 503/2013 entered into force on 8 December 2013 → <i>Review type: Scoping review to substantiate decisions about the value of conducting full or "rapid" systematic literature reviews</i> |  |  |               |
| <input type="checkbox"/> GMO applications for market authorisation submitted under Regulation (EC) No 1829/2003 <i>before</i> the Implementing Regulation (EU) No 503/2013 entered into force on 8 December 2013 → <i>Review type: Extensive/systematic literature search</i>  |  |  |               |
| <input checked="" type="checkbox"/> Annual PMEM reports on GMOs authorised in the EU market → <i>Review type: Extensive/systematic literature search</i>   |  |  |               |
| <input type="checkbox"/> GMO applications for the renewed market authorisation of genetically modified (GM) food/feed authorised under Regulation (EC) No 1829/2003 → <i>Review type: Extensive/systematic literature search</i>   |  |  |               |
| Recommendation   | Recommendation followed by the applicant   | Action required  | Justification |
| Formulating review questions and clarifying their purpose  |  |  |               |
| Break review questions down into their key elements and specify them based on the recommendations given in Sections 3.1 and 3.1.1 of the Explanatory note [GMO check]  | <input checked="" type="checkbox"/> Yes fully<br><input type="checkbox"/> No<br><input type="checkbox"/> Partially<br><input type="checkbox"/> Unclear | <input type="checkbox"/> None<br><input type="checkbox"/> Justification required |               |
| Specify/report the eligibility/inclusion criteria for assessing the relevance of publications for inclusion in the literature review, with justification, based on the recommendations given in Section 3.1.2 of the Explanatory note [GMO check]  | <input checked="" type="checkbox"/> Yes fully<br><input type="checkbox"/> No<br><input type="checkbox"/> Partially<br><input type="checkbox"/> Unclear | <input type="checkbox"/> None<br><input type="checkbox"/> Justification required |               |
| Searching for/identifying relevant publications  |  |  |               |
| Search a minimum of <i>at least</i> two multi-disciplinary/large electronic bibliographic databases, based on the recommendations given in Section 3.2.1.1 of the Explanatory note [APDESK check]  | <input checked="" type="checkbox"/> Yes fully<br><input type="checkbox"/> No<br><input type="checkbox"/> Partially<br><input type="checkbox"/> Unclear | <input type="checkbox"/> None<br><input type="checkbox"/> Justification required |               |
| Search internet pages of relevant key organisations delivering risk assessment guidelines and other risk assessment documents,   | <input checked="" type="checkbox"/> Yes fully<br><input type="checkbox"/> No<br><input type="checkbox"/> Partially<br><input type="checkbox"/> Unclear | <input type="checkbox"/> None<br><input type="checkbox"/> Justification required |               |

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| based on the recommendations given in Section 3.2.1.2 of the Explanatory note [APDESK check]  |  |   |  |
| Describe clearly how the search strategy is constructed, with justifications, based on the recommendations given in Section 3.2.2 of the Explanatory note [GMO check]   | <input checked="" type="checkbox"/> Yes fully<br><input type="checkbox"/> No<br><input type="checkbox"/> Partially<br><input type="checkbox"/> Unclear | <input type="checkbox"/> None<br><input type="checkbox"/><br>Justification required |  |
| Report the reference publications used for each of the key elements of the review question, and provide a rationale for their selection, based on the recommendations given in Section 3.2.2.8 of the Explanatory note [APDESK check]                 | <input checked="" type="checkbox"/> Yes fully<br><input type="checkbox"/> No<br><input type="checkbox"/> Partially<br><input type="checkbox"/> Unclear | <input type="checkbox"/> None<br><input type="checkbox"/><br>Justification required |  |
| <b>Summarising and reporting the data, and considering the implications of the findings</b>   |  |   |  |
| Report the results of the publication selection process, using either Table 2 of the Explanatory note or a flowchart for each category of information/data requirement or group of information/data requirements searched, if appropriate [GMO check] | <input checked="" type="checkbox"/> Yes fully<br><input type="checkbox"/> No<br><input type="checkbox"/> Partially<br><input type="checkbox"/> Unclear | <input type="checkbox"/> None<br><input type="checkbox"/><br>Justification required |  |
| Provide a list of the bibliographic references for all relevant publications, ordered by category of information/data requirement, using Table 3 of the Explanatory note [APDESK check]   | <input type="checkbox"/> Yes fully<br><input checked="" type="checkbox"/> No<br><input type="checkbox"/> Partially<br><input type="checkbox"/> Unclear | <input type="checkbox"/> None<br><input type="checkbox"/><br>Justification required | no relevant publications were obtainable   |
| Provide a list of the bibliographic references for all excluded publications after detailed assessment of full-text documents for relevance, with justification for their exclusion, using Table 4 of the Explanatory note [GMO check]                | <input checked="" type="checkbox"/> Yes fully<br><input type="checkbox"/> No<br><input type="checkbox"/> Partially<br><input type="checkbox"/> Unclear | <input type="checkbox"/> None<br><input type="checkbox"/><br>Justification required |  |
| Provide a list of the bibliographic references for all unobtainable publications, with explanation why they could not be obtained, using Table 5 of the Explanatory note [GMO check]  | <input type="checkbox"/> Yes fully<br><input checked="" type="checkbox"/> No<br><input type="checkbox"/> Partially<br><input type="checkbox"/> Unclear | <input type="checkbox"/> None<br><input type="checkbox"/><br>Justification required | } [ Á ~ à   3 4 } • Á ^ ! Á ~ } obtainable |
| Provide a list of the bibliographic references for all unclear publications, with explanation why they could not be classified, using Table 6 of the Explanatory note [GMO check]   | <input type="checkbox"/> Yes fully<br><input checked="" type="checkbox"/> No<br><input type="checkbox"/> Partially<br><input type="checkbox"/> Unclear | <input type="checkbox"/> None<br><input type="checkbox"/><br>Justification required | no publications were unclear               |
| Provide copies of the full-text documents listed in Table 3 of the Explanatory note, and the list of relevant publications compiled in  | <input type="checkbox"/> Yes fully<br><input checked="" type="checkbox"/> No<br><input type="checkbox"/> Partially<br><input type="checkbox"/> Unclear | <input type="checkbox"/> None<br><input type="checkbox"/><br>Justification required | no relevant publications were obtainable   |

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| a reference management software (.RIS format) [APDESK check]   |  |                               |  |
| Present a narrative synthesis/summary of the relevant publication describing their overall volume, strength and direction per main category of information/data requirements, using Table 7 of the Explanatory note [only applicable to scoping reviews] [GMO check] | <input type="checkbox"/> Yes fully     | <input type="checkbox"/> None | not applicable                           |
|  | <input checked="" type="checkbox"/> No | <input type="checkbox"/>      |  |
|  | <input type="checkbox"/> Partially     | Justification required        |  |
|  | <input type="checkbox"/> Unclear       |                               |  |
| Discuss the implications of each publication that is clearly relevant to the risk assessment of the GMO under consideration, for each of the relevant categories of information/data requirements, using Table 8 of the Explanatory note [GMO check]                 | <input type="checkbox"/> Yes fully     | <input type="checkbox"/> None | no relevant publications were obtainable |
|  | <input checked="" type="checkbox"/> No | <input type="checkbox"/>      |  |
|  | <input type="checkbox"/> Partially     | Justification required        |  |
|  | <input type="checkbox"/> Unclear       |                               |  |