

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PCT00810		FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/IB2019/051658	International filing date (<i>day/month/year</i>) 01 March 2019	(Earliest) Priority Date (<i>day/month/year</i>) 15 March 2018	
Applicant UPL LTD ET AL			
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of 3 sheets. ☐ It is also accompanied by a copy of each prior art document cited in this report.			
1. Basis of the report a. With regard to the language, the international search was carried out on the basis of: ☒ The international application in the language in which it was filed. ☐ A translation of the international application into , which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)). b. ☐ This international search report has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)). c. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I. 2. ☐ Certain claims were found unsearchable (See Box No. II). 3. ☐ Unity of invention is lacking (See Box No. III). 4. With regard to the title, ☒ the text is approved as submitted by the applicant. ☐ the text has been established by this Authority to read as follows: 5. With regard to the abstract, ☒ the text is approved as submitted by the applicant. ☐ the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. With regard to the drawings, a. the figure of the drawings to be published with the abstract is Figure No. ☐ as suggested by the applicant. ☐ as selected by this Authority, because the applicant failed to suggest a figure. ☐ as selected by this Authority, because this figure better characterizes the invention. b. ☐ none of the figures is to be published with the abstract.			

INTERNATIONAL SEARCH REPORT

 International application No.
PCT/IB2019/051658

A. CLASSIFICATION OF SUBJECT MATTER

A01N 25/10 (2006.01) A01N 25/12 (2006.01) A01N 47/00 (2006.01) A01N 57/00 (2006.01) A01N 43/00 (2006.01)
C08K 5/00 (2006.01) A01N 57/28 (2006.01) A01P 7/04 (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PATENW, CAPLUS, AGRICOLA, BIOSIS, CABA, CROPR, CROPU, CROPB, GOOGLE SCHOLAR, ESPACENET (Chloronicotinyl, Acetamiprid, Imidacloprid, Thiacloprid, Thiamethoxam, Organophosphorus, Acephate, PEO, PPO, Ethylene oxide, Propylene oxide, PEG, PPG, Pluronic, Poloxamer, alkyl, methyl, ethyl, propyl, butyl, Stabiliser, Pest, Insect, Locus and associated terms)

ESPACENET : Applicant/Inventors name search: UNITED PHOSPHORUS, UPL, MUKERJEE, SHARMA, SHROFF, JAIDEV, VIKRAM, DEV

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	Documents are listed in the continuation of Box C	



Further documents are listed in the continuation of Box C



See patent family annex

* "A"	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search 4 June 2019	Date of mailing of the international search report 04 June 2019
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA Email address: pct@ipaaustralia.gov.au	Authorised officer Balaji Rengarajan AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service) Telephone No. +61262850718

INTERNATIONAL SEARCH REPORT		International application No.
C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		PCT/IB2019/051658
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2007/000643 A2 (UNITED PHOSPHORUS, LTD.) 04 January 2007 See abstract; paras 0008-0042; Experiment 17; Examples 1-9; claims	1-27
X	CN 107668060 A (RONGXIAN SCIENCE EXPERIMENTS RES INSTITUTE et al) 09 February 2018, English translation retrieved from Google patents/EPODOC databases See abstract; paras 0010-0020; examples, claims	1-27
X	WO 2006/008617 A2 (UNITED PHOSPHORUS, LTD.) 26 January 2006 See abstract; paras 0011-0044; examples 1-13; claims	1-27
X	US 5165934 A (WADA et al) 24 November 1992 See abstract; column 1, line 36-column 6, line 46; Examples, claims	1-27
X	US 5140019 A (WADA et al) 18 August 1992 See abstract; column 1, line 22-column 6, line 21; Examples, claims	1-27