

## Merit Analysis for top 45 Global Minor Use Priorities Summer 2020

Use 1 form per crop/pest priority

(To be conducted by a committee of global proponents for the priority)

<b>Tropical</b>					
<b>Mango, <i>Colletotrichum</i> sp., 95 (sum of 2 forms)</b>					
<b>Adriana Castañeda, Colombia 2018adrianacolombia@gmail.com</b>					
<b>Criteria*</b>	<b>Points</b>				
<b>1. Is the crop-pest combination a situation with no available products? <i>2 points</i></b>	<b>0</b>				
	<b>Solution 1</b>	<b>Solution 2</b>	<b>Solution 3</b>	<b>Solution 4</b>	<b>Solution 5</b>
2. Are there potential solutions?	Picoxystrobin	Pyraclostrobin + Fluxapiroxad	AZOX (azoxystrobine)	Lactobacillus	Bacillus liqueniformis
3. Company name	Corteva	BASF	Savana	University of Pretoria	University of Pretoria
4. Company contact name and e-mail	Carmen Tiu <a href="mailto:Carmen.tiu@corteva.com">Carmen.tiu@corteva.com</a>	RICARDO FERNANDEZ PANCELLI <a href="mailto:ricardo.pancelli@basf.com">ricardo.pancelli@basf.com</a>	Nicolas Gerard <a href="mailto:nicolas.gerard@savana-france.com">nicolas.gerard@savana-france.com</a>	Lise Korsten <lise.korsten@up.ac.za>	Lise Korsten <lise.korsten@up.ac.za>
5. Level of registrant support globally – list of countries registrant is willing to supply GLP test substance, standards and pursue a label (A)	Panama Colombia Argentina	Argentina	Burkina, Cabo verde, Chad, Guinée-Bissau, Mali, Mauritania, Niger, Senegal, The Gambia, Togo	Reunion Island South Africa Brazil	Reunion Island South Africa Brazil
6. List of countries having field and analytical ability and willing to conduct trials (B)	Panama Colombia Argentina Ecuador	Argentina	Burkina, Cabo verde, Chad, Guinée-Bissau, Mali, Mauritania, Niger, Senegal, The Gambia, Togo	Reunion island South Africa	Reunion Island South Africa
7. <i>Insert 1 point for each match between countries that registrant supports, and</i>	3	1	10	2	2

<i>countries willing (A + B)</i>					
8. Is efficacy already established against the target pest or can it be bridged via rationale from other labeled uses? <i>Insert 1point</i>	1	1	1	1	1
9. Are there any residue data already available for the crop/pest combination and if so, from where?	0	1	1 JMPR	NA	NA
10. Are project champions identified?(Insert names) <i>Insert 1point</i>	1 Kathryn Homa	1 <a href="mailto:dmazzare@senasa.gob.a">dmazzare@senasa.gob.a</a>	1 Edouard Lehmann <a href="mailto:edouard.lehmann@coleacp.org">edouard.lehmann@coleacp.org</a>	1 Fabienne Remize <a href="mailto:fabienne.remize@univ-reunion.fr">fabienne.remize@univ-reunion.fr</a>	1 Fabienne Remize <a href="mailto:fabienne.remize@univ-reunion.fr">fabienne.remize@univ-reunion.fr</a>
11. Will a uniform GAP (rate, application pattern, PHI, formulation, premix be able to be established across all countries? <i>Yes = Insert 1point ; No = 0</i>	1	1	1	1	1
12. Does the product replace old technology with reduced risk technology? (1 point per old	1	1	1	1	1

<i>product replaced with reduced risk defined as a more favorable environmental or human health risk assessment)</i>					
13. Does the potential solution fit into IPM systems, i.e. low risk to beneficials <i>Insert 1point</i>	1	1	1	1	1
14. Does the project complement current technologies to address pesticide resistance and/or control resistant pest/disease/weed or provide an alternative mode of action? <i>Insert 1point</i>	1	1	1	1	1
15. Are there any crop grouping MRL opportunities? <i>(1 point per crop group)</i>	0	0	0	0	0
16. Comments  (Please use this space to make a memo of any other information that might be points of consideration such as JMPR cycle, CODEX, EPA, EU registration/MRL	It can control multiple diseases. It is a new mode of action, very efficacious. Safer.  No MRL Codex Registered in Brazil for postharvest treatment to manage resistance	It is a fungicide with a preventive, curative and eradicating effect. The basis of Priaxor's control is in the combination of its active principles: fluxapyroxad + pyraclostrobin in high concentration.	COLEACP tested bioefficacy of early in season treatment in Senegal (2014)  PPP already registered by the CSP on tomato, extension of use/label needed for mango  MRL codex		

<p>status, ability of a product to control multiple pest priorities, can be used across multiple crops, one formulation or premix combination used in one part of the world, regulatory needs, etc.</p> <p>No specific points, but useful information</p>	<p>Not registered in Colombia nor Ecuador</p>	<p>Fluxapyroxad is a last generation carboxamide with a high level of activity, special molecular design and distribution properties on the floor that allow you to enter and distribute yourself inside easily provided a preventive and / or curative and lasting action. Pyraclostrobin: is a strobilurin that has rapid of action, efficacy and broad spectrum of control on pathogens belonging to the classes of Ascomycetes, Basidiomycetes, Deuteromycetes and Oomycetes. Physiological effects: The active substance pyraclostrobin exerts a positive physiological action on the plant, improving its quality and performance. The combination of both active ingredients reduces the risk of development resistance of fungicides and contributes to fungal control</p> <p>IR-4 has a residue study for fluxapyroxad + pyraclostrobin on pomegranate for control of anthracnose that may</p>	<p>Widely used in Colombia</p> <p>Resistance associated with this fungicide</p>		
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		help in development of a use pattern/rate.  MRL Codex Widely used in Brazil Not registered in Colombia, Ecuador or Argentina			
<b>TOTAL POINTS</b>	9	8	17	8	8
<b>GRAND TOTAL</b>					<b>50</b>

\*if not specified otherwise in the 'criteria' box, assign 1 point per solution in gray boxes only.

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(To be conducted by a committee of global proponents for the priority)

<b>Tropical</b>						
<b>Mango – <i>Colletotrichum</i> (Anthracnose)–95 (sum of 2 forms)</b>						
<b>Adriana Castañeda, Colombia, <a href="mailto:2018adrianacolombia@gmail.com">2018adrianacolombia@gmail.com</a></b>						
<b>Criteria*</b>	<b>Points</b>					
1. Is the crop-pest combination a situation with no available products? <b>2 points</b>						<b>0</b>
	Solution 6	Solution 7	Solution 8	Solution 9		
2. Are there potential solutions?	Ecoswing GWN9999	Ecoswing GWN10320	PRORALY 50 EC  (Thymol, Eugenol, Citonellal, Citronellol)	Fortafol S Koppert (Humic and fulvic acid + thym essential oil)		
3. Company name	Gowan Company, LLC.	Gowan Company, LLC.	UPB/UFHB – Université Côte d'Ivoire	Koppert		
4. Company contact name and e-mail	Luc Westerloppe <a href="mailto:lwesterloppe@gowanco.com">lwesterloppe@gowanco.com</a>	Luc Westerloppe <a href="mailto:lwesterloppe@gowanco.com">lwesterloppe@gowanco.com</a>	Abou Karamoko <a href="mailto:Abou.karamoko@univ-fhb.edu.ci">Abou.karamoko@univ-fhb.edu.ci</a>	<a href="mailto:info@koppert.com">info@koppert.com</a> <a href="mailto:info@koppert.be">info@koppert.be</a>		
5. Level of registrant support globally –	Colombia, Costa Rica	South Africa, Kenya, Brazil	Mali, Sénégal, Burkina Faso	Mali, Sénégal, Burkina Faso		

list of countries registrant is willing to supply GLP test substance, standards and pursue a label (A)	Ecuador Salvador Honduras Guatemala Panama Paraguay Peru	Cameroun Dominican Republic France			
6. List of countries having field and analytical ability and willing to conduct trials (B)	Colombia, Costa Rica Ecuador Salvador Honduras Guatemala Panama Paraguay Peru	South Africa, Kenya, Brazil Cameroun Dominican Republic France	Mali, Sénégal, Burkina Faso	Mali, Sénégal, Burkina Faso	
7. <i>Insert 1 point for each match between countries that registrant supports, and countries willing (A + B)</i>	9	6	3	3	
8. Is efficacy already established against the target pest or can it be bridged via rationale from other labeled uses?	1 Proven efficacy on other crops	1 On-going in Senegal in post-harvest and in Reunion Island (France) in pre-harvest.	1 Yes	1 Yes	
9. Are there any residue data already available for the crop/pest combination and if so, from where?	MRL exempt	MRL exempt	No MRL required or MRL needed	No MRL required or MRL needed	

10. Are project champions identified?(Insert names)	1 Adriana Castañeda 2018adrianacolombia@gmail.com	1 Edouard Lehmann <a href="mailto:edouard.lehmann@coleacp.org">edouard.lehmann@coleacp.org</a>	1 Daouda Kone <a href="mailto:daoudakone2013@gmail.com">daoudakone2013@gmail.com</a>	1 Edouard Lehmann <a href="mailto:edouard.lehmann@coleacp.org">edouard.lehmann@coleacp.org</a>	
11. Will a uniform GAP (rate, application pattern, PHI, formulation, premix be able to be established across all countries? Yes = 1; No = 0	1 Yes	1 Yes	1 Yes	1 Yes	
12. Does the product replace old technology with reduced risk technology? (1 point per old product replaced with reduced risk defined as a more favorable environmental or human health risk assessment)	1 interest in worker protection for treatments carried out during harvest period	1 interest in worker protection for treatments carried out during harvest period	1 Yes	1 Yes	
13. Does the potential solution fit into IPM systems, i.e. low risk to beneficials	1	1	1	1	

<p>14. Does the project complement current technologies to address pesticide resistance and/or control resistant pest/disease/weed or provide an alternative mode of action?</p>	<p>1 Yes FRAC Group BM01 "biologicals with multiple modes of action."</p>	<p>1 Yes FRAC Group BM01 "biologicals with multiple modes of action."</p>	<p>1 Yes</p>	<p>1 Yes</p>	
<p>15. Are there any crop grouping MRL opportunities? (1 point per crop group)</p>	<p>MRL exempt</p>	<p>MRL exempt</p>	<p>No MRL required o MRL needed</p>	<p>MRL exempt</p>	
<p>16. Comments  (Please use this space to make a memo of any other information that might be points of consideration such as JMPR cycle, CODEX, EPA, EU registration/MRL status, ability of a product to control multiple pest priorities, can be used across multiple crops, one formulation or premix combination used in one part of the world, regulatory needs, etc.</p>	<p>Biological product based on plant extract.  Specific formulation for several countries of LATAM  Active against Powdery mildew, Black Sigatoka, Crown Rot,  Product can be used in Berries crops, Ornamentals crops, Grape</p>	<p>Biological product based on plant extract. OMRI listed - usable in organic farming.  Pending approval in Europe for this use, Annex 1 submitted, probably considered to be Low Risk Substance; In EU, obtaining exceptional uses is possible after Annex1 inclusion.  Active against Powdery mildew, Monilinia  Product can be used in Berries crops, Grape, Apple</p>	<p>COLEACP currently testing bioefficacy of post-harvest treatment in Senegal</p>	<p>COLEACP currently testing bioefficacy of post-harvest treatment in Senegal</p>	

<b>TOTAL POINTS</b>	15	12	9	9	45
<b>GRAND TOTAL</b>				<b>50 + 45</b>	<b>95</b>

\*if not specified otherwise in the 'criteria' box, assign 1 point per solution in gray boxes only.