

## 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)

### Tropical

#### Phytophthora in Pineapples 59

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Criteria*	Points						
1. Is the crop-pest combination a situation with no available products? <b>2 points</b>	<b>No</b>						
	Solution 1	Solution 2	Solution 3	Solution 4	Solution 5	Solution 6	Solution 7
2. Are there potential solutions?	<b>Ridomil Gold 480 EC</b> (Metalaxyl)	<b>Phospot 600</b> (Phosphonic Acid)	<b>ETOFIN 10 SC</b> (Ethaboxam)	<b>PHYTON 24 SC</b> (Pentahydrate copper sulfate)	<b>BIOLIFE 20 SL</b> (Citrus Seed Extract Complex)	<b>INFINITO 68.75 SC</b> Fluopicolide + Propamocarb	<b>ZAMPRO SC</b> Ametoctradin (27%) + Dimetomorf (20.3%)
3. Company name	SYNGENTA	ACCENSI	SUMITOMO	MARKETING ARM INTERNATIONAL	MARKETING ARM INTERNATIONAL	BAYER	BASF
4. Company contact name and e-mail	Bob Mullins bob.mullins@syngenta.com	Ann Mealin Ann.Mealin@aus-ag.com.au	Diego Jaramillo diego.jaramillo@sumitomochemical.com	José López Jlopez@marketingarm.com	José López Jlopez@marketingarm.com	Lucas Brevilacqua Lucas.brevilacqua@bayer.com	Oscar Villaseñor oscarvillaseñor@basf.com
5. Level of registrant support globally – list of countries registrant is willing to supply GLP test substance, standards and pursue a label (A)	Syngenta have confirmed that they will provide GLP material to support the project in Panama and Costa Rica.	Accensi is supportive of registering this product internationally (Panama and Costa Rica).	Panama, Costa Rica, Colombia, Ecuador.	Main pineapple producing countries, including Australia and México.  Product is US EPA exempted from tolerances levels.	Main pineapple producing countries, including Peru  Product is likely to be exempted by EPA from tolerances levels since is a botanical fungicide / bactericide.	Panama Colombia	Panama Colombia
6. List of countries having field and analytical ability and willing to conduct trials (B)	Panama, Costa Rica.	Accensi does not have field data available but can provide analytical support.	Panama, Colombia, Costa Rica.	Panama, Costa Rica.	Peru	Panama Colombia	Panama Colombia

7. Insert 1 point for each match between countries that registrant supports, and countries willing (A + B)	<b>2</b> Costa Rica and Panama.	<b>2</b> Costa Rica and Panama.	<b>3</b> Panama, Colombia, Costa Rica.	<b>1</b> Costa Rica.	<b>1</b> Peru	<b>2</b> Panama Colombia	<b>2</b> Panama Colombia
8. Is efficacy already established against the target pest or can it be bridged via rationale from other labeled uses?	<b>1</b> Costa Rica and Panama have efficacy established for a related product (R. Gold MZ 68 WG) with some potential for extrapolation.	<b>1</b> Bridged from Australian Label in Pineapples.	<b>1</b> Registered in Panama, Colombia and Ecuador but efficacy has to be established against <i>Phytophthora</i> on pineapple.	<b>1</b> Registered in Panama and efficacy is established against <i>Phytophthora</i> in pineapple.	<b>1</b> Efficacy is established against <i>Phytophthora</i> on pineapple in Panama and Costa Rica.	<b>1</b> In Panama, efficacy is determined via field trial or by homologation of a field trial on pineapple.	<b>1</b> In Panama, efficacy is determined via field trial or by homologation of a field trial on pineapple.
9. Are there any residue data already available for the crop/pest combination and if so, from where?	<b>1</b> Yes, held by the Australian Pesticides and Veterinary Medicines Authority (APVMA).	<b>1</b> Yes, held by the APVMA. No residue data in Panama or Costa Rica.	<b>0</b> No	<b>0</b> Exempted by US EPA of the residue tolerance requirements.	<b>0</b> US EPA is undergoing the process to waive all additional generic data requirements for citric acid.	<b>0</b> No	<b>0</b> No
10. Are project champions identified? (Insert names)	<b>1</b> Eric Candanedo and Joseph Morrall (potential)	<b>1</b> Eric Candanedo and Joseph Morrall (potential)	<b>1</b> Eric Candanedo and Joseph Morrall (potential)	<b>1</b> Eric Candanedo and Joseph Morrall (potential)	<b>1</b> Eric Candanedo and Joseph Morrall (potential)	<b>1</b> Eric Candanedo and Joseph Morrall (potential)	<b>1</b> Eric Candanedo and Joseph Morrall (potential)
11. Will a uniform GAP (rate, application pattern, PHI, formulation, premix) be able to be established across all countries? Yes = 1; No = 0	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
12. Does the product replace old technology with reduced risk technology? (1 point per old	<b>1</b>	<b>0</b>	<b>1</b> Can provide a new mode of action for IPM.	<b>1</b> Yes, product with reduced risk to human or animal health and	<b>1</b> Yes, product with no risk to human or animal health and	<b>0</b>	<b>0</b>

<i>product replaced with reduced risk defined as a more favorable environmental or human health risk assessment)</i>				minimal environmental impact.	environmentally friendly.		
13. Does the potential solution fit into IPM systems, i.e. low risk to beneficials	1 Yes	1 Yes	1 Yes	1 Yes	1 Yes	1 Yes	1 Yes
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?	1 (IPM)	1 (IPM)	1 (IPM)	1 Yes, no pest resistance build up is possible due to mode of action.  <b>Phyton</b> work on the cell wall of the pathogen due to the difference in permeability, causing it to break without affecting its DNA.	1 Yes, no pest resistance build up is possible due to mode of action.  <b>Biolife</b> work on the cell wall of the pathogen due to the difference in permeability, causing it to break without affecting its DNA.	1 (IPM)	1 (IPM)
15. Are there any crop grouping MRL opportunities? (1 point per crop group)	1 Yes	1 Yes	1 Yes	0 No	0 No	1 Yes	1 Yes

<p>Comments</p> <p>(Please use this space to make a memo of any other information that might be points of consideration such as JMPR cycle, 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>Syngenta have confirmed that they will provide GLP material to support the project.</p> <p>This product can be used to control <i>Phytophthora</i> in other Crop/Pest combinations like Avocado/<i>Phytophthora</i> or Cocoa/<i>Phytophthora</i>.</p>	<p>ACCENSI in Australia have agreed to put their product forward as a potential solution.</p>	<p>SUMITOMO agreed to put their product forward as a potential solution.</p> <p>There is interest to obtain registration in other LATAM countries if necessary.</p> <p>Etofin 10 SC can be used to control <i>Phytophthora</i> in other Crop/Pest combinations like Avocado/<i>Phytophthora</i> or Cocoa/<i>Phytophthora</i>.</p>	<p>MAI agreed to put their product forward as a potential solution.</p> <p>Phyton 24 SC can be used to control <i>Phytophthora</i> in other Crop/Pest combinations like Avocado/<i>Phytophthora</i> or Cocoa/<i>Phytophthora</i>.</p>	<p>MAI agreed to put their product forward as a potential solution.</p> <p>Biolife 20 SL can be used to control <i>Phytophthora</i> in other Crop/Pest combinations like Avocado/<i>Phytophthora</i> or Cocoa/<i>Phytophthora</i>.</p>	<p>BAYER agreed to put their product forward as a potential solution.</p>	<p>BASF agreed to put their product forward as a potential solution.</p>
<b>TOTAL POINTS</b>	<b>10</b>	<b>9</b>	<b>10</b>	<b>7</b>	<b>7</b>	<b>8</b>	<b>8</b>
<b>GRAND TOTAL</b>							<b>59</b>

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