

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)

Protected/Greenhouse and Field					
Tomato, <i>Aculops lycopersici</i> 11 Points					
Karin Tifft, khtifft@gmail.com					
Criteria*	Points Total				
Is the crop-pest combination a situation with no available products? 2 points					No
	Solution 1	Solution 2	Solution 3	Solution 4	
Are there potential solutions?	<i>Hirsutella thompsonii</i>	Abamectin	Spiromesifen	Chlorfenapyr	
Level of registrant support globally – list of countries registrant is willing to supply GLP test substance, standards and pursue a label (A)	US and Canada	Probably widespread. (Syngenta)	Probably. Bayer product	US	
List of countries having field and analytical ability and willing to conduct trials (B)	US and Canada			US	
<i>Insert 1 point for each match between countries that registrant supports, and countries willing (A + B)</i>	2	0	0	1	
Is efficacy already established against the target pest or can it be bridged via rationale from other labeled uses?	There is a publication 1	Pest is on the Agri-mek label 1	Pest is on the Oberon label 1	Pest is not on the label, but is effective	
Are there any residue data already available for the crop/pest combination and if so, from where?					
Are project champions identified?(Insert names)	Bio-Tech Int.com	Syngenta	Bayer	BASF	
Will a uniform GAP (rate, application pattern, PHI, formulation, premix be able to be established across all countries? Yes = 1; No = 0					
Does the product replace old technology with reduced risk technology? (1 point per old product	1	1	1	1	

<i>replaced with reduced risk defined as a more favorable environmental or human health risk assessment)</i>					
Does the potential solution fit into IPM systems, i.e. low risk to beneficials	1	0	1	0	
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	1	1	1	
Are there any crop grouping MRL opportunities? (1 point per crop group)	N/A	1	1	1	
<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>I found this product by reading an article about it and then finding a company that sells it. I have contacted the company.</p> <p>This product is very exciting to GH growers as currently the most effective solutions kill off the beneficials.</p>	<p>This chemistry is effective and is in many countries, and so it should be easy to harmonize. It kills the beneficials used in the crop, but it is less toxic than some of the older chemistries used in some countries for RM control.</p> <p>Reg in CDN on GH tomatoes for other target pests.</p>	<p>Of the chemistries used in greenhouses right now, this is the least disruptive to our natural enemies, but for resistance management and due to application limitations, we need more choices.</p> <p>Additionally, greenhouses are not on the label.</p> <p>Reg in CDN on GH tomatoes for other target pests.</p>	<p>This product has a shorter residual effect on our beneficials, but it will kill all the beneficials around at the time</p>	
TOTAL POINTS	6	0	0	5	
GRAND TOTAL					11

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