

WHAT DO THE 3rd NATIONAL REPORTS and RESULTS FROM TESTING TELL US ABOUT THE 'GUIDANCE ON RISK ASSESSMENT OF LMOs'?

These trends show that most Parties that are conducting risk assessments will not use the "Guidance on Risk Assessment of LMOs" developed by the Online Forum and the AHTEG on Risk Assessment and Risk Management

128 Parties submitted 3rd National Reports (by Oct. 28, 2016).

Of those 128 Parties that submitted reports, **64 Parties** reported having **ever conducted a risk assessment of an LMO** including any type of risk assessment of LMOs, e.g. for contained use, field trials, commercial purposes, direct use as food, feed, or for processing (50%) (Answered Yes to Q.89).

Of the 64 Parties that have conducted risk assessments, only **37 have conducted Risk Assessments for 'Commercial Production'** (58%)(Q.90).

Of those 64 Parties that have conducted Risk Assessment, **56 also reported that they have adopted or used *any* guidance documents** for the purpose of conducting or evaluating risk assessments (88%) (Answered Yes to Q.89 and Q.85a).

Of those 56 Parties that have conducted Risk Assessments and are using **any** guidance documents, 38 **are NOT using the "Guidance on Risk Assessment of LMOs"** (68%). (Answered No to Q. 86.). Only 18 are using the "Guidance on Risk Assessment of LMOs" for conducting or evaluating risk assessments or for risk management (32%) (Answered Yes to Q.86).

Of the 128 Parties that submitted 3rd National Reports, only 40 also participated in the 'Testing' of the Guidance on Risk Assessment of LMOs (31%). 34 Parties out of 64 that have conducted risk assessments did not participate in the 'Testing' (53%). (Only 43 Parties participated in the 'Testing' of the Guidance.)

Of the 64 Parties that have conducted risk assessments, 30 also participated in the 'Testing' of the Guidance (47%).
Of those 30:

16 agreed or strongly agreed that the Roadmap is 'practical' (53%). Average rating 3.2
18 agreed or strongly agreed that the Roadmap is 'useful' (60%). Average rating 3.6
19 agreed or strongly agreed that the Roadmap is 'consistent' (63%). Average rating 3.6
18 agreed or strongly agreed that the Roadmap is 'experienced' (60%). Average rating 3.4
24 have conducted Risk Assessments for 'Commercial Production' (80%)

Of the 64 Parties that have NOT conducted Risk Assessments (Answered 'No' to Q.89), only 10 also participated in the testing of the Guidance (16%).

Of those 10:

9 agreed or strongly agreed that the Roadmap is 'practical' (90%) Average 4.5
10 agreed or strongly agreed that the Roadmap is 'useful' (100%) Average rating 4.7
10 agreed or strongly agreed that the Roadmap is 'consistent' (100%) Average rating 4.8
10 agreed or strongly agreed that the Roadmap is 'experienced' (100%) Average rating 4.5
0 have conducted Risk Assessments for 'Commercial Production' (or any other) (0%)

In general, these trends show that most Parties that have conducted risk assessments are NOT using the "Guidance on Risk Assessment of LMOs" developed by the Online Forum and the AHTEG on Risk Assessment and Risk Management, and rated the Roadmap lower in all respects of the testing than Parties that have not conducted risk assessments. Parties that have conducted risk assessments have more experiences upon which to base their evaluation of the Guidance. Furthermore, most Parties that have conducted risk assessments have adopted and/or used other guidance documents for the purpose of conducting risk assessment rather than the "Guidance on Risk Assessment of LMOs". It is important to note these trends when considering the 'usefulness' of the Guidance.

All 3rd National Reports and Results of the Testing of the Guidance can be found in the Biosafety Clearing-House: bch.cbd.int/protocol



Stakman-Borlaug Center
UNIVERSITY OF MINNESOTA
Driven to DiscoverSM

For questions, contact:
Karen Hokanson, Senior Fellow
Stakman Borlaug Center for Sustainable Plant Health
University of Minnesota
hokan018@umn.edu

	3rd National Report - Questions on Risk Assessment										Testing Results				
	Q85a.	Q86.	Q89.	Q90. Scope of Risk Assessment				Q93.			Roadmap Ratings				
	Using any Guidance for RA	Using AHTEG Guidance for RA	Conducting any RA	Commercial Production	Field Trial	Contained Use	Direct use as food	Direct use as feed	Processing	No. of RAs this reporting period	Practical	Useful	Consistent	Experienced	Average
Norway	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	5	5	5	5	5
Cuba	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	5 or less	4	5	5	5	4.8
Austria	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	10 or less	4	5	5	5	4.8
Bolivia	No	No	Yes				Yes	Yes		None	5	5	4	4	4.5
Belarus	Yes	Yes	Yes		Yes	Yes				5 or less	4	5	4	5	4.5
Czech Republic	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	4	4	5	5	4.5
Slovenia	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	4	4	5	4	4.3
Spain	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	4	4	5	4	4.3
Denmark	No	No	Yes		Yes	Yes	Yes	Yes	Yes	More than 10	4	5	3	4	4
South Africa	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	4	4	4	4	4
Mexico	Yes	No	Yes	Yes	Yes		Yes	Yes	Yes	More than 10	4	4	4	4	4
Costa Rica	Yes	Yes	Yes	Yes	Yes					5 or less	4	4	4	4	4
Germany	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	4	4	4	4	4
Portugal	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	4	4	4	4	4
European Union	Yes	No	Yes	Yes			Yes	Yes	Yes	More than 10	4	4	4	4	4
Uruguay	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	4	4	4	3	3.8
Italy	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	3	3	5	4	3.8
Turkey	No	No	Yes				Yes	Yes		More than 10	2	4	4	4	3.5
Vietnam	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	3	3	4	4	3.5
Belgium	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	3	3	3	3	3
Colombia	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	2	2	4	2	2.5
Netherlands	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	1	4	3	1	2.3
India	Yes	No	Yes	Yes	Yes	Yes				None	2	3	2	2	2.3
Malaysia	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	More than 10	2	2	3	2	2.3
New Zealand	Yes	Yes	Yes		Yes	Yes				More than 10	2	2	3	2	2.3
Philippines	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	2	3	2	1	2
Brazil	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	2	2	1	3	2
Honduras	Yes	No	Yes	Yes	Yes		Yes	Yes	Yes	5 or less	2	2	2	2	2
El Salvador	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	None	2	2	2	2	2
Japan	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10	2	2	2	2	2
Iran	No	No	Yes	Yes	Yes	Yes	Yes			None					
Panama	No	No	Yes	Yes	Yes	Yes				5 or less					
Mauritius	No	No	Yes		Yes	Yes				None					
Mozambique	No	No	Yes		Yes					5 or less					
Indonesia	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	10 or less					
Republic of Korea	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10					
Burkina Faso	Yes	No	Yes	Yes	Yes	Yes				More than 10					
Bulgaria	Yes	No	Yes		Yes	Yes				10 or less					
Uganda	Yes	No	Yes		Yes	Yes				10 or less					
Zimbabwe	Yes	No	Yes		Yes		Yes	Yes	Yes	5 or less					
Ghana	Yes	No	Yes		Yes					5 or less					
Guatemala	Yes	No	Yes		Yes					5 or less					
Malawi	Yes	No	Yes		Yes					5 or less					
Romania	Yes	No	Yes		Yes					5 or less					
Tanzania	Yes	No	Yes		Yes					5 or less					
Thailand	Yes	No	Yes			Yes	Yes		Yes	5 or less					
Nicaragua	Yes	No	Yes						Yes	None					
China	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10					
Bangladesh	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	5 or less					
Pakistan	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10					
Sudan	Yes	Yes	Yes	Yes	Yes	Yes	Yes			10 or less					
Kenya	Yes	Yes	Yes		Yes	Yes	Yes			More than 10					
Cameroon	Yes	Yes	Yes		Yes	Yes				5 or less					
Sri Lanka	Yes	Yes	Yes		Yes		Yes			5 or less					
Swaziland	Yes	Yes	Yes		Yes					5 or less					
Poland	No	Yes	Yes		Yes	Yes				10 or less					
Finland	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10					
France	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10					
Sweden	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10					
United Kingdom	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	More than 10					
Slovakia	Yes	No	Yes		Yes	Yes				More than 10					
Switzerland	Yes	No	Yes		Yes					10 or less					
Estonia	Yes	No	Yes			Yes				5 or less					
Lithuania	Yes	No	Yes			Yes				5 or less					
Mauritania	No	No	No								5	5	5	5	5
Tajikistan	No	No	No								5	5	5	5	5
Republic of Moldova	No	Yes	No								5	5	5	5	5
Yemen	No	Yes	No								5	5	5	5	5
Niger	Yes	No	No								5	5	5	5	5
Liberia	No	No	No								5	5	5	4	4.8
Egypt	Yes	Yes	No								5	5	5	4	4.8
Hungary	Yes	No	No								4	4	5	4	4.3
Georgia	Yes	No	No								4	4	4	4	4
Peru	No	No	No								2	4	4	4	3.5

Testing of the Guidance-Questions Part 1: The Roadmap for Risk Assessment of LMOS.

Please indicate your level of agreement/disagreement with the following statements.

8. This section of the Guidance is practical (Practical)

10. This section of the Guidance is useful or has utility (Useful)

12. This section of the Guidance is consistent with the Cartagena Protocol on Biosafety (Consistent)

14. This section of the Guidance takes into account past and present experiences with LMOS (Experienced)

*Ratings shown in this figure are for the Roadmap (Part 1) because it is the 'core' of the Guidance, and more Parties tested the Roadmap than the other parts of the Guidance. Results are similar for other Parts.

3rd National Report - Questions

Q. 85a Has your country adopted or used any guidance documents for the purpose of conducting risk assessment or risk management, or for evaluating risk assessment reports submitted by notifiers? a. Risk assessment. b. Risk Management.

Q. 86 Is your country using the "Guidance on Risk Assessment of LMOS" (developed by the Online Forum and the AHTEG on Risk Assessment and Risk Management) for conducting risk assessment or risk management, or for evaluating risk assessment reports submitted by notifiers?

Q. 89 Has your country ever conducted a risk assessment of an LMO including any type of risk assessment of LMOS, e.g. for contained use, field trials, commercial purposes, direct use as food, feed, or for processing?

Q. 90 If you answered Yes to question 89, please indicate the scope of the risk assessments (select all that apply): Commercial Production; Field Trials; Contained Use; Food; Feed; Processing.

Q. 93 If you answered Yes to question 89, how many risk assessments were conducted in the current reporting period?

*This figure includes all Parties (64) that answered 'Yes' to Question 89 and all Parties (40) that submitted both 3rd National Reports and Results from the Testing of the Guidance (which includes 10 Parties that answered 'No' to Q. 89).