

AGENDA

Pesticide Risk Communication

- DEFINITION
- IMPORTANCE
- HOW THE RESEARCH WAS DONE
- INEFFECTIVE EXAMPLES
- EFFECTIVE TOOLS AND EXAMPLES
- CLOSING THOUGHTS



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RISK COMMUNICATION AS DEFINED BY CODEX ALIMENTARIUS COMMISSION

"Risk communication is the interactive exchange of information and opinions throughout the risk analysis process concerning risk, risk-related factors and risk perceptions, among risk assessors, risk managers, consumers, industry, the academic community and other interested parties."



https://www.fao.org/3/i8608en/I8608EN.pdf

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Why is Effective Risk Communication Important?



- Maintain Public Trust
- Increase Safety
- Encourage Communication
- Expand Economic Opportunities
- Decrease Barriers to Trade
- Cooperatively Strive for a Sustainable Future

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EIGHT CHARACTERISTICS OF EFFECTIVE RISK COMMUNICATION

- 1) Protects Consumers/Stakeholders
- Operates in a Transparent and Timely Manner
- Consists of Two-WayCommunication
- 4) Relies on Credible Information

- 5) Shares Responsibility
- 6) Caters to Multiple Audiences
- Consultative, Consistent,
 Systematic and Preventative
- 8) Requires Continuous Improvement



https://www.apec.org/docs/default-source/publications/2022/2/apec-food-safety-risk-communication-framework-and-associatedguidelines/222_scsc_apec-food-safety-risk-communication-framework-and-associated-guidelines.pdf?sfvrsn=420db0bf_2 Ę

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EXPANDING ON THE EIGHT CHARACTERISTICS OF RISK COMMUNICATION



- Simplify Scientific/Technical Language
- Explain Risk vs Hazard
- · Meet people on their level
- "Advertise" Risk Communication
- Create easily accessible platforms for discussion

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RESEARCH PARAMETERS



- Changed Region Settings for each Member Economy
- Utilized Google Translate



FAS POST EMAILS

- Contacted FAS Posts within APEC
- Ascertained which Agencies Communicate Risk



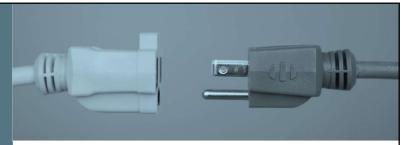
KEY POINTS OF INTEREST

- Priority of Audiences
- Style of Communication
- Platforms for Discussion
- Accessibility to Information



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Characteristics of Ineffective Risk Communication



The Disconnect

- No Connection to Audiences
- Insufficient Information/Transparency
- Non-credible Information
- Technical Research/Documents lack
 Simplified Summaries

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EFFECTIVE RISK COMMUNICATION TOOLS

SOCIAL MEDIA

- Reaches multiple audiences
- Allows for concise simplified information

AGENCY WEBSITES

- Increases transparency
- Provides
 Regulatory
 Information
- Provides education

ADVERTISEMENTS

- Promotes interest in credible sources
- Directs audiences to credible authorities on risk communication

APPS

- Creates convenience
- Utilizes technological advancements

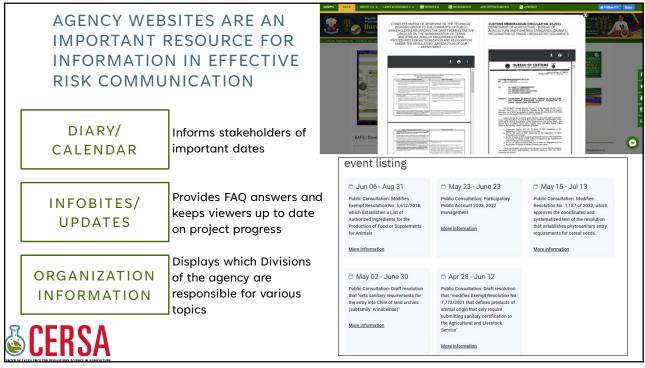
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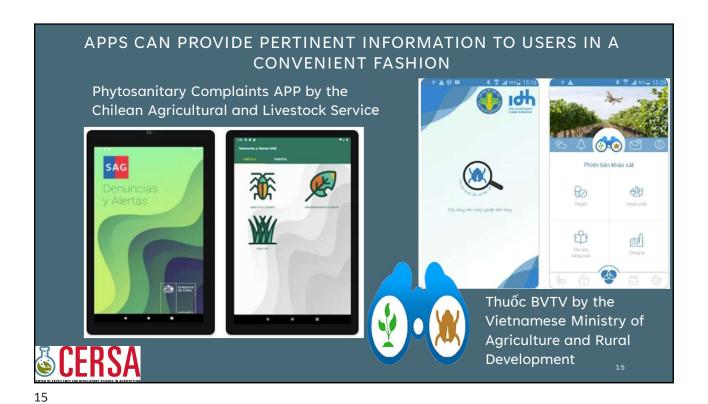




Effect	ive Risk Commur	• Reports and publications • Public registry	Itiple audiences • Search pesticide labels • Pesticides and food safety	
Canada divides information according to relevant audiences	For the public	 Pesticides in Canada Consultations Public Engagement Portal Report a pesticide incident 	Pesticide compliance and enforcement PMRA Program Renewal	
	For growers & commercial users	 General information Importing pesticides Sustainable pest management 	User requested minor use Pollinator protection	
	For registrants & applicants	General information Electronic Pesticide Regulatory System (e-PRS)	• <u>Renewals</u>	
	Resources	 <u>Acts and regulations</u> <u>Subscribe for updates</u>	• Frequently asked questions • Contact us	
© LEKSA				12







PAMPHLETS CAN
HELP BREAKDOWN
TECHNICAL
INFORMATION
INTO SHORT
MEANINGFUL
POINTS

PRINCIPLE
House of the pink of th



FIELD SCHOOLS CAN BE USED TO REACH RURAL AUDIENCES.





GAP training in Filipino field schools.

One of 16 banana/plantain field schools created by the Peruvian National Agricultural Health Agency to increase GAP knowledge.



EFFECTIVE RISK COMMUNICATION TAKES MANY FORMS

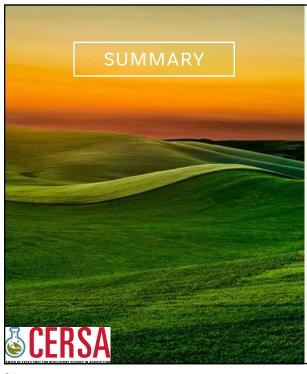
- BLOGS
- YOUTUBE CHANNELS
- PODCASTS
- COMIC STRIPS
- YOUTH/ ADULT EDUCATION PROGRAMS
- ADVERTISEMENTS





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About one-third of Americans believe antibiotics in meat, pesticides in produce pose a great health risk % of U.S. adults who say _ has the following health risk for the average person over the course of their lifetime LACK OF EFFECTIVE ■A great deal ■ Some ■ Not too much ■ None at all RISK Meat from animals given 32 16 antibiotics or hormones COMMUNICATION Fruits and vegetables 31 17 grown with pesticides PREVENTS PUBLIC Food and drinks with 26 18 **ACCEPTANCE OF** artificial preservatives **NECESSARY** Food and drinks with 21 25 artificial coloring **PESTICIDES** Note: Respondents who did not give an answer are not shown. Source: Survey conducted April 23-May 6, 2018. "Public Perspectives on Food Risks" PEW RESEARCH CENTER **©CERSA**



- Responsibility for risk communication must be shared amongst all stakeholders
- There are many different paths to building effective risk communication
- Risk communication is an everchanging field and there are always areas to improve upon

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THANK YOU

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