Anticipation and Agri-intelligence
A progress report – Forum 2012

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NATIONAL FARMED ANIMAL HEALTH AND WELFARE COUNCIL

Recommendation

"The National Farmed Animal Health and Welfare Council urges all stakeholders in Canada's livestock and poultry industry to develop agri-Intelligence capability."
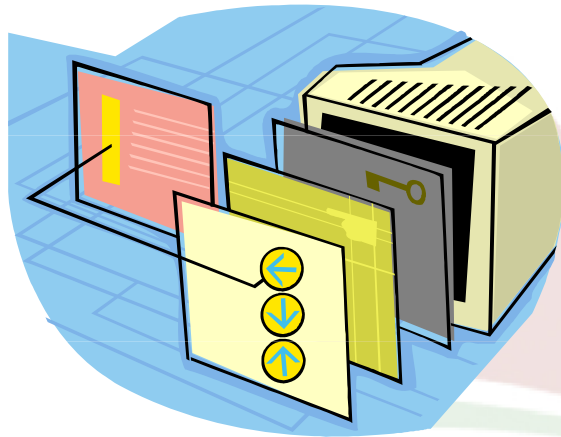
Information

- Field reports
- Lab reports
- Surveys
- Published reports
- Grey literature
- Rumours
- Pro-med...
- Domestic and international

Information Overload

What is agri-Intelligence?

Analysis and interpretation
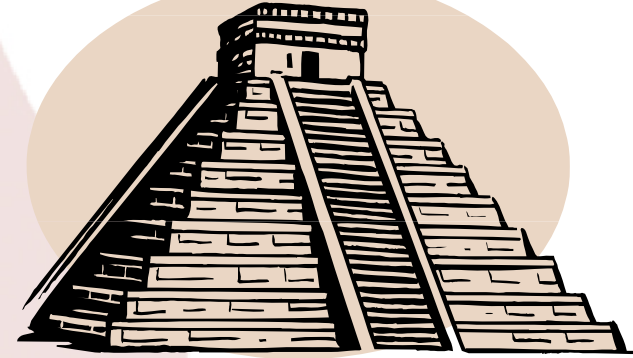
Multiple information sources

Agri-intelligence for decision - making

Desired outcome is ANTICIPATION (avoidance/ prevention/ mitigation)

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Agri-intelligence has many layers and many users

International activities – intelligence-gathering; international affairs

Federal gov't and national industry – national actions; federal diseases

Provincial/territorial gov'ts and regional industry – regional actions; provincial and industry regulated diseases

Producers and vets – need to apply actions at the local and farm level

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New initiatives underway

- **Canadian Swine Health Intelligence Network** – field based syndromic surveillance in swine

- **N American Plan for Animal and Pandemic Influenza** – high level international plan for influenza surveillance and intelligence

- **Centre for Emerging and Zoonotic Disease Integrated Intelligence and Response** (CEZD-IIR)– develop agri-Intelligence analysis tools

- **Canadian Animal Health Surveillance Network** – lab-based surveillance and development of analysis tools

- **Canadian Network for Public Health Intelligence** – human health counterpart

Council is supportive of these initiatives and wants to encourage further development of Canada's agri-Intelligence capacity

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Our ultimate goal for Canada

- Gather better information (surveillance)

- Synthesize information from many sources and provide analysis (agri-intelligence)

- Target the analysis to the right decision-makers

- Make a decision (anticipation)

- Act on the decision (avoidance)

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