THE BCH III PROJECT

Case studies

Prof Ossama AbdelKawy

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CASE STUDY (CSFI01):

You are running a business in Mexico and want to move a shipment of cottonseed from the United States of America (USA) to Mexico for food processing. You know that the shipment may contain genetically modified (GM) cotton.

Q1. What GM cotton has been approved in the USA that might be in your shipment?

Q2. The seed cake is used for animal feed after the oil is extracted from the seed. Have all the GM cotton events you may be importing been approved for food and feed use in Mexico?

Q3. What are your next steps for requesting permission to import the shipment into Mexico?

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CASE STUDY (CSFI18)

A company based in Malawi is willing to import corn for cultivation from Malawi trade partners in the SADC Region. Use the BCH to answer the following questions:

Q1. Which corn GM varieties can be in the shipments?

Q2. Are all of them approved in Malawi?

Q3. Are any of those varieties banned in any European country, and why?

Q4. If you are a phytosanitary officer in Malawi, how will you proceed if the corn shipment is labeled GMO-free?

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CASE STUDY (CSFI17):

You are a journalist based in Nigeria. You found the following unique identifier 'DAS-Ø15Ø7-1' on the documentation of a maize shipment. Use the BCH to answer the following questions:

Q1. What is the trade name for DAS-Ø15Ø7-1?

Q2. For what specific use is it imported?

Q3. What is the name of the importer?

Q4. What is the name of the competent national authority responsible for the decision regarding the import?

Q5. When were the decisions on the variety taken, and when were they published?

Q6. Is the import with or without conditions? Can it be used for human food?

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CASE STUDY (CSFI08):

You have recently been given a food product that indicates that it contains a genetically modified organism identified as 'SYN-EV176-9'. Use the BCH to answer the following questions.

Q1. What type of organism is 'SYN-EV176-9'?

Q2. How has 'SYN-EV176-9' been modified from its parent organism (i.e., what new characteristics does it display)?

Q3. Is 'SYN-EV176-9' known by any other names?

Q4. What gene has been inserted into 'SYN-EV176-9'? Where did the gene come from?

Q5. Have any countries approved 'SYN-EV176-9' for human food, animal feed, or processing? Which ones?

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CASE STUDY (CSFI08)

Q6. Have any countries decided that 'SYN-EV176-9' cannot be used for any reason? If so, why?

Q7. Where could you go for further information about this organism?

Q8. What product does the inserted gene produce?

Q9. What other organisms in the BCH have the same inserted traits as 'SYN-EV176-9'?

Q10. What genes have been inserted into the other organisms to give these same traits?

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CASE STUDY (CSFI15):

You are a phytosanitary officer in the Czech Republic. You are inspecting a field planted with MON-ØØ81Ø-6 - YieldGard™ maize.

Q. What stacked events can be present with this event?

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CASE STUDY (CSFI16):

You are a phytosanitary officer in Kenya. You received documentation for a cottonseed shipment to be imported from the United States (USA) for food processing. Use the BCH to answer the following questions:

Q1. What GM cotton might be in your shipment?

Q2. Are all of them approved to be imported or domestically used in Kenya?

Q3. How will you proceed if the shipment is labeled as 'GMO-free?'

Q4. How will you proceed if the shipment is labeled as it might contain GMO?

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CASE STUDY (CSFI11):

You work for the Competent National Authority in Ghana. You received your first application to import genetically modified papaya for field trials. The modified papaya contains a coat protein gene from the papaya ringspot virus (PRSV), making it resistant to the virus.

Carry out a quick survey of relevant information on the BCH that may assist you in undertaking a risk assessment.

Thank you !

For more information, please email

Ossama.elkawy@un.org

elkawyo@gmail.com

+201111561456