

Effective pest management incorporates pest awareness education as part of its strategy to sustain a business food safety and assurance process. Rentokil Integrated Pest Management (IPM) supports food & beverage processing, industrial & manufacturing and food related businesses.

FOOD RECALL CASES

2009

A peanut company plant was part of a nationwide Salmonellosis outbreak in US. **Dead rodents, rodent droppings** and **bird feathers** which are contaminants were found at the plant. This led to a major food recall and the company went bankrupt.⁽¹⁾

3,600 products recalled

714 people sickened

9 people killed

2013

A ready-to-eat products supplier recalls approximately **19,054 pounds** of frozen products after it was found with contamination of *Listeria monocytogenes*.⁽²⁾

2014

A meat packaging company recalls **1.8 million pounds** of ground beef after it was linked with contamination of *E. coli*. 11 people across 4 states in US were affected by the product.⁽³⁾



US\$ 57.6 billion = RM 184.9 billion

Crop productions are lost annually due to pest infestations in Asia.⁽⁴⁾

INFECTIOUS DISEASES CARRIED BY PEST⁽⁵⁾

 Rodent	 E. Coli	<ul style="list-style-type: none"> • Health implications: diarrhoea, kidney failure and even death • The bacteria is transmitted through contaminated water/ food, or through contact with infected animal or person
 Bird	 Salmonella	<ul style="list-style-type: none"> • Health implications: after being infected for 12 to 72 hours later, one can face diarrhoea, fever, abdominal cramps and even death • Illness caused by the bacteria, usually lasts 4 to 7 days
 Cockroach		
 Fly	 Listeria	<ul style="list-style-type: none"> • Health implications: fever, stiff neck, confusion, weakness, vomiting, and diarrhoea • Primarily affects older adults, pregnant women, newborns, and adults with weak immune system

CONSEQUENCES TO SUPPLY CHAIN



Pest presence in the manufacturing plant



Has the potential to **contaminate raw materials** in the production area



Cross contamination can also occur along production line



Pest droppings may also accelerate the deterioration of building's exterior





Risk of transferring pest to retailer's premises while transporting goods



Sighting of pest can negatively impact customers impression



Consumers can suffer risk of infection due to possible **food contamination with pathogens**



End result: Damage to brand and reputation through loss of trust

TOTAL HYGIENE AWARENESS TALK (THAT) AS PART OF RENTOKIL INTEGRATED PEST MANAGEMENT (IPM)

A successful IPM programme incorporates the practice of good personal hygiene among employees in their daily routine, helping business to thrive in the long run.



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Health impact - Prevent the spread of harmful bacteria and germs
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Food safety - Avoid cross contamination especially for businesses in the food industry
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Improve working/ living conditions - Instill better personal hygiene behaviour among employees
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Minimise pest risk within premises - Employees with pest knowledge proactively identifies pest presence to maintain good housekeeping