

# DuPont Biosecurity Solutions

## NON-PHARMACOLOGICAL INTERVENTIONS (NPI)



In today's world, the threat of communicable disease is all too real. Fortunately, you can reduce the impact on your workers by planning now.

It's all over the news. Will pandemic influenza strike? And how will it affect you or your workers? Fortunately, you can reduce the impact by planning now.

You have no shortage of options to help prepare for disease outbreak...but one thing is clear. Every business – from emergency responders to office settings – needs its own unique preparedness plan. A preparedness plan can mean the difference between a company that can continue to service its customers and one that is left behind.

Here are some things you may want to consider when developing your pandemic preparedness plan:

- Understand how you can create an environment in which employees feel safe to come to work
- Do not limit your options to pharmacological measures
- Determine how you will distribute protective products to and communicate with employees
- If purchasing products, make sure they:
  - Are proven effective against the spread of disease-causing pathogens, such as influenza
  - Have an acceptable shelf life
  - Are approved by regulatory authorities in each country in which they will be used
  - Include clear guidance on when and how to use the products

### Pharmacological versus Non-Pharmacological Solutions

Pandemic planning has traditionally focused on anti-viral therapy and expedient development of vaccines. Yet, there is a need for non-pharmacological measures as well, because:

- Anti-virals have limits in terms of efficacy and coverage
- Vaccines are unlikely to become available until at least six months after a pandemic begins
- Pharmacological solutions will likely not be available in sufficient supply to meet demand



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## DuPont and Disease Preparedness

DuPont is a global company with the corporate vision to be the world's most dynamic science company, creating sustainable solutions essential to a better, safer, healthier life for people everywhere.

DuPont has more than 200 years of heritage in working safely, and more than 40 years of experience in Farm Biosecurity and Personal Protection. DuPont products are proven industry leaders that have global history of successfully responding to outbreak situations, including avian influenza farm outbreaks (Thailand 2006, Netherlands 2003, Italy 1999), Foot and Mouth Disease (UK 2001) and SARS (China 2001).

DuPont products help reduce the spread of and exposure to viruses or bacteria at the farm, in employee work spaces and across work sites. These offer key non-pharmacological interventions (NPI) such as hand hygiene and surface disinfection. They are the same products DuPont is using for its own employees and sites.

### PRIMARY NON-PHARMACOLOGICAL INTERVENTIONS (NPI) TO INHIBIT DISEASE SPREAD:

- **Covering nose/mouth to reduce large droplet spread**
- **Effective hand hygiene**
- **Surface disinfection**
- **Early diagnosis of infection**
- **Reduction of person-to-person contact**

**For further information:**  
[diseasepreparedness.dupont.com](http://diseasepreparedness.dupont.com)

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