

University Saves 50% Annually with Moldex Half Mask Respirators



Problem

A Midwestern-based university's agriculture department provides elastomeric half mask respiratory protection to its EH&S faculty, but the masks were creating challenges for workers and management:

- The masks were difficult to take apart and reassemble for routine maintenance, often resulting in improper or incomplete cleaning and masks being thrown away prematurely
- Maintenance workers complained the respirators were uncomfortable
- Overspray when applying pesticides led to P100 filter disks loading quickly and becoming difficult to breathe through, resulting in filters frequently being thrown away, increasing costs

Solution

The university wanted to provide their staff with a more comfortable half mask, reduce waste and save on costs. Moldex solved all three problems with its 7800 Series silicone reusable half mask respirators and 7999 Splash Protectors, which feature:

- An advanced design that eliminates unnecessary parts, allowing for **fast disassembly and reassembly for easy cleaning and maintenance**
- **A soft silicone facepiece with a wide sealing area** that contours to users faces, providing extreme comfort
- 7999 Splash Protector helps protect filters disks from overspray, allowing the filters to be used for up to 30% longer

Results

- ✓ **Easy & fast maintenance increases mask longevity**
- ✓ **50% annual savings on respiratory costs**
- ✓ **Increased worker comfort and satisfaction**
- ✓ **30% increase in filter lifespan**



Major Cost Savings



Less Maintenance



Worker Approved