

Cereal Company Changes to a Proactive Approach Reducing Large Flies by 81%



CASE STUDY – LARGE FLY PROGRAM

CSLF400/0117

BACKGROUND

A large cereal company that makes a variety of grain-based products operates a manufacturing and packaging plant in rural Pennsylvania in the U.S. which has heavy fly pressure in the spring, summer and fall. The waste feed area of the plant attracts a high number of large flies. Female large flies consider waste feed a very suitable environment for their larvae to develop. The fermenting grains provide all the food, water and shelter needed for larval development.

SITUATION

Prior to August 2013, the plant was using insect light traps in the interior of the facility. Though flies were not getting into the product area, the plant had concerns that flies could adulterate the product. Flies have been shown to carry more than 100 pathogens¹ that cause human diseases, including *Salmonella* and *E. coli*, and can transfer pathogens to food.



SOLUTION

The plant converted to Ecolab's Large Fly Program which includes an outside-in approach to eliminating large flies. In addition to the interior STEALTH® Fly Lights, Ecolab installed STEALTH™ Fly Stations, an Ecolab patented technology, to key exterior locations near the waste feed areas. The STEALTH™ Fly Stations can attract large flies to a targeted area for elimination before they enter the facility. The plant operators and Ecolab partnered on identifying areas to improve sanitation practices which made the environment less attractive to large flies.

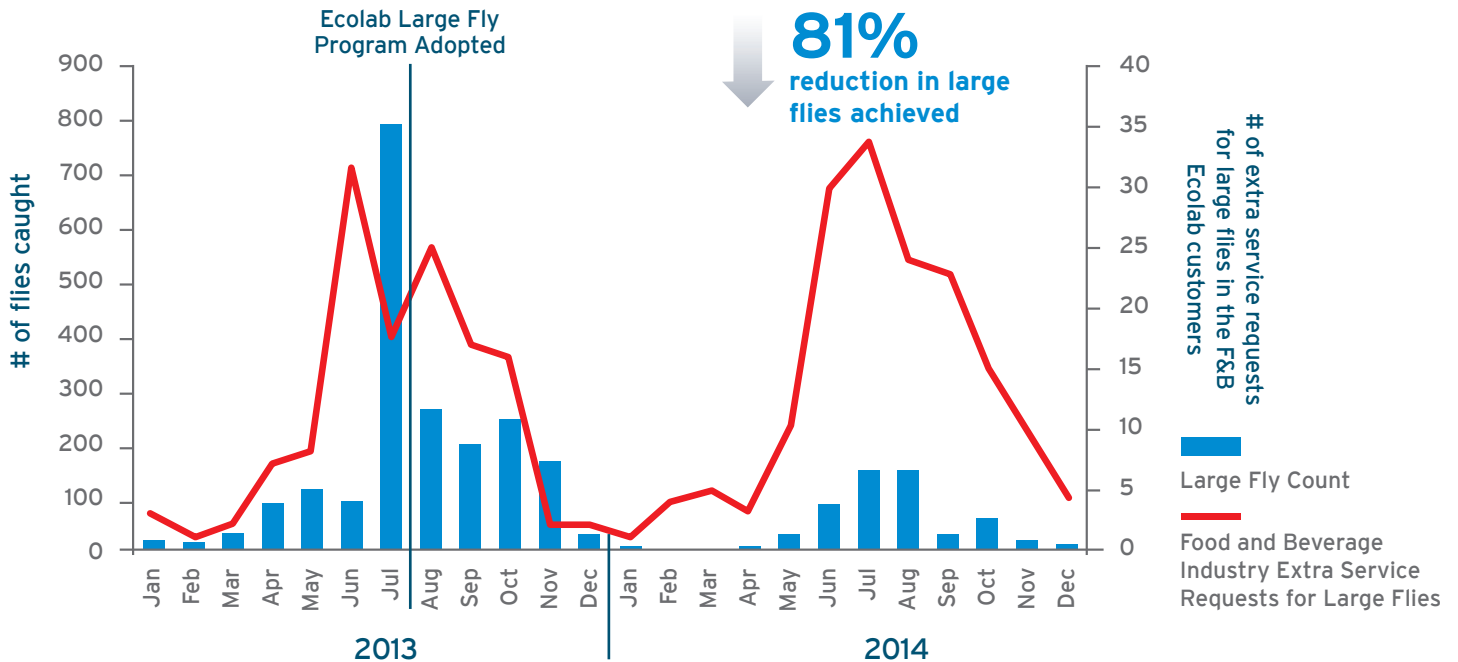


STEALTH® Fly Station

¹White, G.B. 2006. Filth Flies, Significance, Surveillance and Control in Contingency Operations, Armed Forces Pest Management Board, Technical Guide No. 3D. Walter Reed Army Medical Center, Washington D.C. 54 pp.

RESULTS

In the chart below, the red line represents the number of times Ecolab's Food and Beverage customers in the U.S. requested extra pest elimination service for large flies. The fly seasons in 2013 and 2014 were comparable. By implementing the Ecolab Large Fly Program, Ecolab and the plant were able to significantly reduce the number of large flies entering the facility by 81%.



"THE STEALTH FLY STATIONS HAVE IMPROVED OVERALL FLY CONTROL THROUGHOUT THE PLANT JUST BY CONTROLLING THEM IN THE WASTE FEED AREA."

– Customer Email

TOGETHER, WE PROTECT YOUR SUCCESS WITH OUR COMPREHENSIVE OUTSIDE-IN PROGRAM

COMPANY	INSPECTION	EXTERIOR TREATMENTS	PROPRIETARY EXTERIOR EQUIPMENT	INTERIOR SPOT TREATMENTS	INTERIOR EQUIPMENT
Ecolab Program	✓	✓	✓	✓	✓
Large National Pest Providers	✓	✗	✗	✗	✓

Learn More Today

Find out how Ecolab can help protect your brand from large flies. Read full case studies and view our partnership video, *Teaming Up Against Flies* at ecolab.com/largefly

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