SC JOHNSON ENTOMOLOGY RESEARCH CENTER

Located in Racine, Wisconsin, the SC Johnson Entomology Research Center (ERC) is the world's largest private, urban entomology research center. It was established in 1957 at SC Johnson's corporate headquarters and in 1960 moved to its current 30-acre complex in Racine. In 2013, SC Johnson expanded its research operations globally, opening the first of its kind, 300-square-meter research facility in China.

For nearly 60 years, ERC researchers have developed products and solutions consumers can trust to protect them and their homes from household pests, including mosquitoes and diseases they may carry.

The ERC houses about 20 species of insects, including six species of mosquitoes, including the *Aedes aegypti* and *Aedes albopictus* (species of mosquitoes that have the ability to transmit the Zika virus, dengue fever virus and chikungunya) three species of cockroaches, two species of ants, silverfish, firebrats, clothes moths, stored product pests and the common house fly. In addition, the ERC manages an active field-collecting program to secure and house seasonal insects as needed.

Key functions

The ERC is divided into two major functional areas:

- *Product Evaluation & Development* - where the ERC researchers develop and support global insecticides (or products that kill insects) like Raid®, Baygon® and All Out®, and repellents (products that repel or keep insects at bay) like OFF!® and Autan®. This function also includes label development and advertising support of these brands.

- *Applied Entomology Research* – where the ERC researchers study insect behavior and new technologies that eventually may lead to the development of new control strategies and novel delivery devices.

Both functional areas are supported by a modern insect-rearing facility known as the Insectary.

Insectary – where we raise insects

Considered the heart of the ERC, the Insectary is where insects are raised under controlled conditions to help researchers study all aspects of insect behavior, development and methods of insect control.

- ERC researchers carefully monitor and regulate temperature, humidity and photoperiod cycles in the Insectary.

- The species reared in the Insectary have been specifically chosen to represent the most common household pests and disease vectors that are found around the world.

With an adequate number of insects available, ERC scientists also test different product formulations and delivery systems under closely monitored laboratory conditions as well as in field testing. These tests are designed to evaluate all important product attributes including repellency, direct spray knockdown, residual kill, space spray and whole room treatment, bait attraction and kill.

To hear from the ERC mosquito experts and learn more about the mosquitoes, please visit our informational resource page.