

## **Mosquito Control Plan 2020**

The mosquito control plan for the Town of Ocean View is comprised of two distinct operations, DNREC and Ocean View Public Works, which collaborate to provide a comprehensive treatment plan. It should be noted that scheduling for treatment is always contingent upon acceptable weather at the exact time of application. Therefore, these plans can and will literally be subject to change “like the weather.”

DNREC’s Mosquito Division is a part the Delaware Department of Fish and Wildlife. This team provides statewide mosquito control utilizing scientifically collected in the field and historical data acquired over time. Treatment plans are then prepared and executed by a combination of assets including aerial helicopter or fixed-wing aircraft, truck-mounted ultra-low volume sprayers, and ground-based larvicide treatments. DNREC has constructed a website that provides all possible information on its scheduled treatment plans including chemicals selected for application along with a geographical grid to keep the public informed at: <http://www.dnrec.delaware.gov/fw/mosquito/Pages/MC-SZNS.aspx>.

Our Town staff provide a combination of larvicide treatments to almost all areas of standing water, as well as truck-mounted ultra-low volume spraying. The larva-killing water treatment is made from a naturally occurring soil organism. Our truck-mounted ultra-low volume (ULV) spray systems utilize two substances on a two-week rotation, weather permitting of course. Both products are approved for urban, as well as cropland application so they are safe for application in all environments. Our spray application is now conducted between 2 a.m. and 6 a.m. twice a week.

These products are rotated to provide better results in combination with the products applied by DNREC. This combination of not one but three products provide a one-two-three knockdown power of disease carrying adult mosquitos, while simultaneously, limiting the ability of the mosquitoes to acquire a resistance.