

NOTICE
INSECTICIDE APPLICATIONS FOR MOSQUITO CONTROL BY
SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS
April 6, 2020 THROUGH OCTOBER 30, 2020

Suffolk County Department of Public Works will apply biological and chemical pesticides as PART of its mosquito control program in Suffolk County from April 6 through October 30, 2020

I. INSECTICIDES USED FOR MOSQUITO CONTROL

Suffolk County Department of Public Works in its mosquito control program uses the following insecticides. The United States Environmental Protection Agency (EPA) and the New York State Department of Environmental Conservation (NYSDEC) register these insecticides.

LARVICIDES (GROUND AND AERIAL APPLICATION)

AQUABAC 200G (EPA 62637-3, 2.86% *Bacillus thuringiensis*, subsp. *israelensis* (Bti) solids, spores and insecticidal toxins); VECTOBAC 12 AS (EPA Reg. No. 73049-38, 11.61% Bti fermentation solids and solubles); SUMMIT B.t.i. Briquets (EPA Reg. No. 6218-47 10% Bti International Toxicity Units or 10.31% spores and insecticidal toxins); ALTOSID LIQUID LARVICIDE concentrate (EPA Reg. No. 2724-446, 20% methoprene); ALTOSID LIQUID LARVICIDE (EPA Reg. No. 2724-392, 5% methoprene); ALTOSID XR briquets (EPA Reg. No. 2724-421, 2.1% methoprene); ALTOSID PELLETS (EPA Reg. No. 2724-448, 4.25% methoprene); ALTOSID XR-G (EPA Reg. No. 2724-451, 1.5% methoprene); FOURSTAR BRIQUETS 90 (EPA Re. No. 83362-3, 6.00% *Bacillus sphaericus* Serotype H5a5b, strain 2362, 1.00% Bti Strain BMP 144 fermentation solids, spores and insecticidal toxins) ; SPHERATAX SPH(50G) (EPA 84268-2, 5.00% *Bacillus sphaericus*); VectoPrime FG (EPA 73049-501, 6.07% *Bacillus thuringiensis*, subsp. *israelensis*, strain AM 65-52 fermentation solids, spores, and insecticidal toxins plus 0.10% methoprene); VECTOMAX FG/WSP (EPA 73049-429, *Bacillus sphaericus* 2362, Serotype H5a5b, Strain ABTS 1743 Fermentation Solids, Spores, and Insecticidal Toxins 2.7%, Bti Serotype H-14, Strain AM65-52 Fermentation Solids, Spores, and Insecticidal Toxins 4.5%). The EPA Signal Word for all these materials is CAUTION.

ADULTICIDES (GROUND AND AERIAL APPLICATION)

ANVIL 10+10 (EPA 1021-1688-8329, 10% sumithrin, 10% Piperonyl Butoxide); DUET (EPA 1021-1795-8329, 1% prallethrin, 5% sumithrin, 5% Piperonyl Butoxide). Scourge 18+54 (EPA 432-667). 18% resmethrin, 54% piperonyl butoxide. The EPA Signal Word for all these materials is CAUTION.

II. HEALTH AND SAFETY STATEMENTS

The Suffolk County Department of Public Works uses insecticides safely and in accordance with the manufacturer's instructions. Their use for mosquito control does not pose an unreasonable level of risk to the public or to the environment and is permitted by the NYSDEC. The Division conducts public notification for adult mosquito control and maintains a "no-spray" registry. Information regarding public notice and the registry may be obtained by contacting the Division at the address and phone number listed below or on the County website. Beekeepers and pesticide sensitive individuals can also register with the County CodeRED emergency

notification system for adult pesticide spray events to receive 24 hour prior notice to the application of these insecticides. Call the Office of Emergency Management: 631-852-4900, Monday-Friday from 9AM-5PM to register or via the County website.

III. INSECTICIDE APPLICATIONS WILL BE MADE TO THE FOLLOWING AREAS ON THE SCHEDULE DESCRIBED BELOW:

WEEKLY AERIAL INSECTICIDE APPLICATIONS FOR LARVAL CONTROL

Any aerial applications will be made by North Fork Helicopters, Ltd., P.O. Box 1160, Cutchogue, NY 11935. Altosid (methoprene), Bacillus sphaericus and/or Bti will be applied aerially 1 to 2 times per week, if needed, to mosquito breeding sites in approximately 100 tidal marsh or other wetland areas in TOWNS OF BABYLON, ISLIP, BROOKHAVEN, SMITHTOWN, RIVERHEAD, SOUTHAMPTON, SOUTHOLD AND EAST HAMPTON, as indicated on maps located at the offices listed below.

BI-WEEKLY GROUND INSECTICIDE APPLICATIONS FOR LARVAL CONTROL

Aquabac (Bti), Vectobac (Bti), B.t.i. briquets (Bti), Spheratax (Bacillus sphaericus), VectoPrime (Bti + methoprene), VectoMax (Bti and B sphaericus) or Altosid (methoprene) will be applied by ground application equipment (hydraulic sprayers, mist blowers, granular blowers, ultra low volume equipment) once approximately every one to two weeks in approximately 2000 mosquito breeding sites located in the TOWNS OF BABYLON, ISLIP, BROOKHAVEN, SMITHTOWN, SOUTHAMPTON, EAST HAMPTON, SHELTER ISLAND, SOUTHOLD (including Fishers Island), RIVERHEAD AND HUNTINGTON. These insecticides may also be applied by air or ground application equipment to other mosquito breeding sites in response to surveys or complaints, ONLY WHERE THE PRESENCE OF LARVAE is verified as indicated on maps located at the offices listed below. Artificial containers will also be treated, as required, for disease control.

GROUND APPLICATION FOR ADULT MOSQUITO CONTROL

Anvil, Duet or Scourge will be applied by ground application equipment (portable fog or truck mounted ultra low volume equipment) in various locations in the County at any time during May 26 through October 23, 2020. Applications are made in response to resident complaints, in areas where County monitored mosquito traps show excessive numbers or in response to other surveillance such as landing rates. Applications may also be required in response to the presence of mosquito-borne pathogens such as West Nile Virus or Eastern Equine Encephalitis.

AERIAL APPLICATION FOR ADULT MOSQUITO CONTROL

Anvil or Duet will be applied occasionally (approximately 0-10 times per year) to control adult mosquitoes in areas that cannot be treated otherwise. Special announcements will be made at least 48 hours prior to these applications on the County website, describing in detail the areas to be treated. BEEKEEPERS SHOULD NOTIFY THE DIVISION OF VECTOR CONTROL OF THE LOCATION OF THEIR BEEHIVES. Insecticides used for adult mosquito control can be highly toxic to bees.

IV. FURTHER INSECTICIDE AND APPLICATION INFORMATION, pamphlets

concerning mosquito control, copies of labels for all insecticides and insecticide application schedules are available from the Suffolk County Department of Public Works, Division of Vector Control, 335 Yaphank Avenue, Yaphank, NY 11980 - Telephone (631) 852-4270. Maps may be viewed at the Division office at 335 Yaphank Avenue during the hours of 9:00AM-3:00 PM. Additional information, including labels of all pesticides, may be found at the County Web site under Public Works: <http://www.suffolkcountyny.gov> For general information regarding insecticide regulation, contact the Pest Management Program, New York State Department of Environmental Conservation, SUNY at Stony Brook, 50 Circle Road, Stony Brook NY 11790-3409, or call (631) 444-0340. For further information regarding insecticide poisoning, contact the American Association of Poison Control Centers, telephone number 1-(800) 222-1222 or visit www.PoisonHelp.org Additional information may be obtained from the National Pesticide Information Center at 1-800-858-PEST (1-800-858-7378).