

Organic Farm/Garden Sample Plan

Description of land: 10 acre certified organic farm and home. (example only)

I/We Will Use the Following Mosquito Controls:

1. Mosquito source reduction
 - a. I/We will schedule irrigation to minimize standing water in fields and in yard at house and permit ground to dry adequately between watering.
 - b. I/We will maintain drainage to minimize standing water in fields.
 - c. I/We will encourage neighbors who share our drain ditches to maintain their drain ditches.
 - d. I/We will inspect irrigation canal and work with local officials to ensure flow is not obstructed.
 - e. I/We will change water for pets in outdoor bowls daily.
 - f. I/We will remove vessels (buckets, toys, tires etc) that collect water.
 - a. I/we will change, or treat with BTI*, water in watering troughs weekly.
 - g. I/We will clean gutters.
2. Personal protection
 - a. I/We will inspect window screens and repair or replace screens with holes.
 - b. I/We will wear long sleeves and long pants and/or use mosquito repellants when active in yard at dawn and dusk.
 - c. Mosquito repellants will be provided to farm help.
3. Potential breeding site monitoring (ponds, wetlands)
 - a. I/we will monitor pond areas for mosquito larva using the dip** method. Monitoring will be conducted weekly, or after four days if five or more larva are found.
 - b. I/We will monitor standing water that may have accumulated in low spots using the dip method. Monitoring will be conducted weekly.
4. Larva control
 - a. If five or more larvae are found during the next test, I/We will change our practices and retest for presence of larvae. If larvae are present after 2 tests (at least four days later), I/We will consider other steps (agitation, more frequent draining, or larviciding).
5. Mosquito predation
 - a. I/We will make a special effort to provide and maintain habitat for wildlife (birds, bats, frogs) that eat mosquitoes and mosquito larvae.
6. No Spray Zone Marking
 - a. I/We will mark the property with conspicuous No-Spray Zone signs.

7. No Spray Buffer Zone Establishment
 - a. I/We will request that Ada County Abatement District provide a No-Spray buffer of 300 feet when ground spraying, and agreement has been reached with neighboring property owners, to meet the requirements of the National Organic Program Standards that certified organic crops not be sprayed. This will be accomplished by calling/writing/emailing the mosquito abatement district.
 - b. If abatement district monitoring shows an unacceptable level of mosquitoes in the approved no spray area, the abatement district will notify the landowner of the situation with suggestions on how to remedy the situation. The abatement district will reassess mosquito levels 2 weeks after notifying landowner and discuss further options to control the pest.

Bacillus thuringiensis israelensis (BTI) is a naturally occurring soil bacteria. BTI can be applied as a granular or solid dunks and is available at local garden stores.

**The dip method is used to monitor mosquito larvae. For a description of the dipper and dipping methods visit http://www.health.gov.sk.ca/ps_wnvprgm_larval.pdf.