Reasons to Conduct Surveillance

➢ Determine where mosquitoes are most abundant
➢ Identify mosquito breeding sites
➢ Create distribution maps of identified species
➢ Track populations and infection rates over time
➢ Focus control measures for greatest impact
➢ Evaluate effectiveness of pesticide application
Mosquito Surveillance Plan

1.) Education
2.) Surveillance
3.) Evaluation
Step #1 – Education

✓ How your agency will educate your staff about vectors and diseases
✓ How your agency will educate the public about prevention and symptoms
✓ Ensure consistent messaging from medical, veterinary, and media sources
✓ Ensure accurate messaging based on CDC’s latest recommendations
✓ Plans for Public Health Awareness Campaigns
✓ Templates for Public Health Press Releases
Step #2 – Surveillance

✓ Resources your agency has to conduct mosquito surveillance

✓ How appropriate trapping locations are identified

✓ Amount and distribution of trapping locations

✓ Types of traps and attractants that will be used

✓ Method of shipping samples to ODH for testing

✓ Coordination efforts with human disease monitoring

✓ How plans will change if Zika Virus is identified in local mosquitoes

✓ If your agency relies on state support for equipment or field work, describe what you will do if the state is no longer able to provide these resources
Step #3 – Evaluation

✓ How you will determine if your education actions are effective
✓ How you will determine if your prevention actions are effective
✓ Frequency of your program evaluation
✓ Plan of action if improvement is needed
✓ Where to focus if additional resources become available