

Goals for Amelia Island Mosquito Control District

1. Enhance Public Safety and Health

Reduce mosquito populations to protect residents and visitors from mosquito-borne diseases such as West Nile Virus and Eastern Equine Encephalitis.

2. Increase Public Awareness and Education

Provide educational materials and outreach to the community on mosquito prevention, personal protection, and the importance of standing water elimination.

3. Optimize Operational Efficiency

Streamline mosquito surveillance and control processes to maximize the effectiveness of treatments while minimizing environmental impact.

4. Improve Data-Driven Decision Making

Utilize advanced GIS mapping and tracking software to identify mosquito hotspots and deploy targeted control measures more efficiently.

5. Expand Community Partnerships

Strengthen relationships with local governments, environmental groups, and schools to foster collaborative approaches in mosquito management and prevention efforts.

6. Sustainable Environmental Practices

Ensure that all mosquito control efforts are compliant with environmental regulations and focus on minimizing pesticide use through Integrated Pest Management (IPM) strategies.

7. Professional Development for Staff

Provide ongoing training for employees to stay current with the latest mosquito control

techniques, technologies, and regulations. Ensure 100% of staff obtain a pesticide applicator license.

Objectives for Amelia Island Mosquito Control District

1. Conduct Monthly Surveillance

Monitor mosquito populations through larval and adult trapping at key sites across the district to track trends and hotspots.

2. Reduce Mosquito Complaints by 15%

Implement targeted interventions in areas with frequent mosquito complaints to achieve a measurable reduction in community-reported issues.

3. Public Education Campaign

Host or participate in at least three public outreach events or online campaigns to educate residents about mosquito control and prevention.

4. Pesticide Use Reduction

Decrease the overall pesticide usage by 10% while maintaining effective mosquito control, by increasing larvicide treatments and focusing on breeding prevention.

5. Strengthen Larvicide Program

Apply larvicides in at least 80% of identified mosquito breeding areas, focusing on the reduction of larvae to prevent adult mosquito emergence.

6. Implement a Drain-and-Cover Initiative

Launch a public initiative encouraging residents to remove standing water and cover containers to reduce mosquito breeding grounds.

7. Annual Employee Training Program

Ensure that all district employees participate in at least one professional development workshop or certification program related to mosquito control.