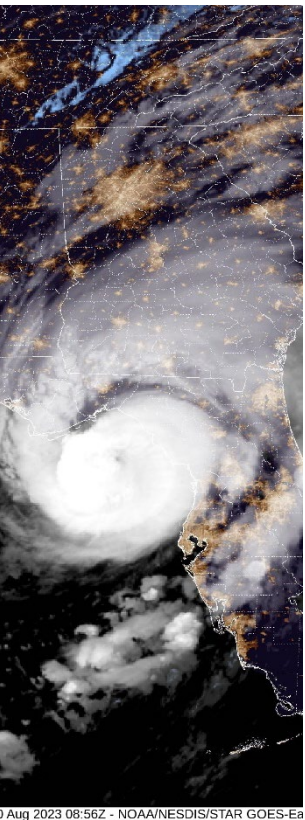




Aug 2023 08:56Z - NOAA/NESDIS/STAR GOES-Ea

FDACS Hurricane MCIRT Response FAQ



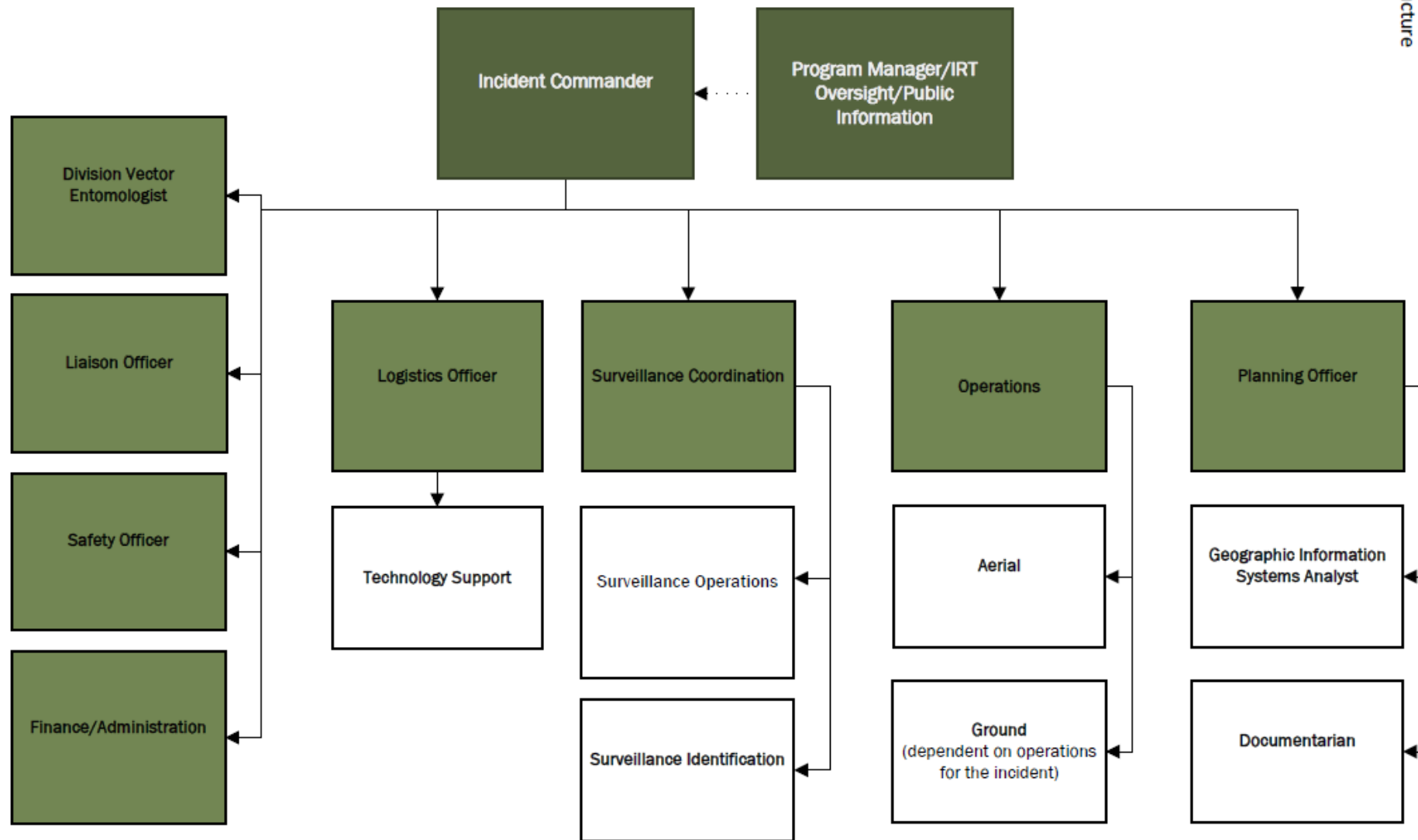
What is MCIRT?

- Mosquito Control Incident Response Team
- Specialized response team based out of the Division of Agricultural Environmental Services (AES) focusing on coordinating large scale vector control efforts to reduce risk of both disease and nuisance biting mosquitoes that can impact response and recovery efforts
- Assembled to respond to counties requesting assistance for vector control typically after a hurricane event, especially in fiscally constrained counties
- The team has also been activated for large scale mosquito borne disease events such as West Nile virus and Zika Virus





Florida Department of Agriculture and Consumer Services
Division of Agricultural Environmental Services
Mosquito Control Incident Response Team Organization
2024



MCIRT Command Structure

Post-storm options for mosquito control

Local efforts only:

- If the local mosquito control program can handle post-storm control operations without state aerial assistance
- No emergency request submitted through WebEOC
- County Emergency Management will submit for reimbursement to FEMA directly
 - Note: baseline surveillance data and treatment averages for a 3-year period pre and post storm and recovery period will be requested by FEMA

State assistance:

- Due to capacity restraints at the local mosquito control program or lack of program, state assistance can be requested through WebEOC

Other (Emergency Support Function 8):

- For counties requesting insect repellent and mosquito dunks
 - Note: request mosquito dunks in small packages if providing to the public

Mosquito Control Program Directory



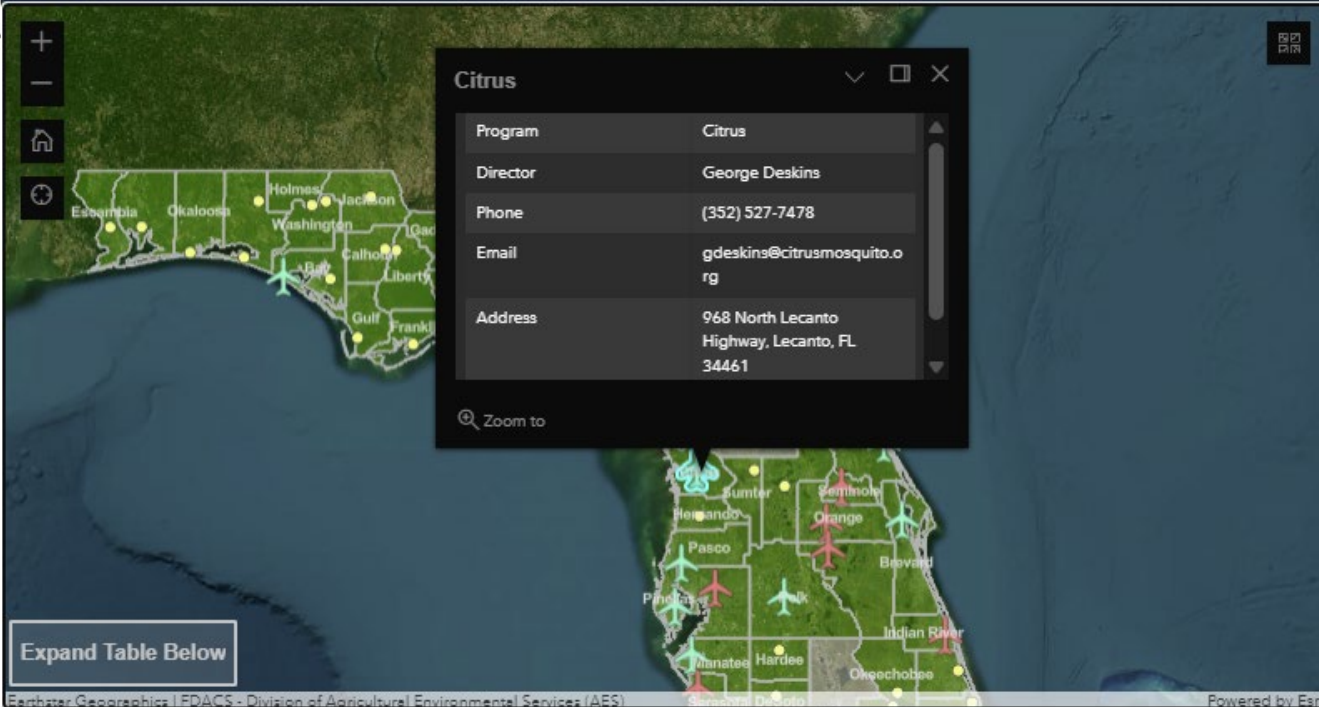
Florida Mosquito Control Program Directory

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Expand Table Below

Citrus

▼ □ ✕

Program

Citrus

Director

George Deskins

Phone

(352) 527-7478

Email

gdeskins@citrusmosquito.org

Address

968 North Lecanto Highway, Lecanto, FL 34461

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County	State-Participating Program
Levy	Yes
Citrus	Yes
Marion	No

Program Response Capability

Program Status

✈️ Contract Aerial/In-house Ground

✈️ In-house Aerial/Ground

● Ground Only



How and when does MCIRT activate?

How?

Governor Declared State of Emergency

- Provides availability of funding for relief & recovery efforts

Presidential Declaration

- Initiates availability of FEMA Public Assistance Program

When?

- Activation timeline based on mosquito emergencies
- Approximately 7-10 days post storm depending on mosquito emergence
- Applications prior to emergence may result in lower efficacy

Requirements of the County Emergency Management

Approval Letters

- Determine whom within County FDOH is responsible (template is available on the SART website)
- Board of County Commissioners letter of support
- **NEW! A letter of need from county EOC for controlling nuisance mosquitoes hindering recovery efforts may be necessary**

Baseline Data

- Three years of relevant CDC light trap baseline data from non-event years
- **Pre- and Post-Storm surveillance data**
- Assists in verifying the increased mosquito populations post-storm
- A template will be provided with the necessary time frame

Maps

- Review current or create new maps illustrating the potential areas affected
- Requested zones should focus on critical response areas
- County Flood Zone maps may be a useful tool

Press Release Plan

- It is the county's responsibility to develop and implement the release of information regarding applications
- Should have as much coverage as possible (i.e., press release, reverse 911 calls)
- Suggested release language provided with checklist

FDACS Mosquito Control Incident Response Team County Required Documentation Checklist

Event/Storm: Hurricane Milton County: Date:

Please complete the form below and upload to your WebEOC request along with the listed required documentation. If you have any questions, contact Hyatt Sudano at Hyatt.Sudano@FDACS.gov

Primary Point of Contact: (if there are any others, please provide in an attached document.)

Contact information:

- County Health Department letter stating public health necessity (template provided)
- BOCC or authorized county representative letter or memo approving need for treatment
- Three-year baseline surveillance: excel spreadsheet preferred, but not required.
 - Time frame: October 1st through November 15th for years 2020, 2021, 2022, 2023
* We are asking for four years due to Hurricane Ian.
 - If these are not available, note why.

- County GIS proposed treatment zones: These do not need to be in ArcGIS. Scans of hand drawn line maps are acceptable.
- Public Information/media plan: How will you notify public in application zones of upcoming applications? Methods can include social media, reverse 911 calls, or other methods. Include a document separate from this checklist that includes potential language to be disseminated to the public.
- Large scale, outdoor events: List dates, locations, and times of any events that occur within the requested treatment areas.

- List any USDA certified organic farms and their locations should they desire to be excluded from the treated area. A database of USDA Certified Organic Farms and Businesses can be found at: [Organic Integrity Database \(usda.gov\)](#). FDACS must receive notification of the area to be excluded by 2:00 pm on the day the application is being made.



County Required Documentation Checklist

Form sent to counties via WebEOC that outlines required documentation necessary for MCIRT response post Hurricane Milton

Three Year Baseline Data: County

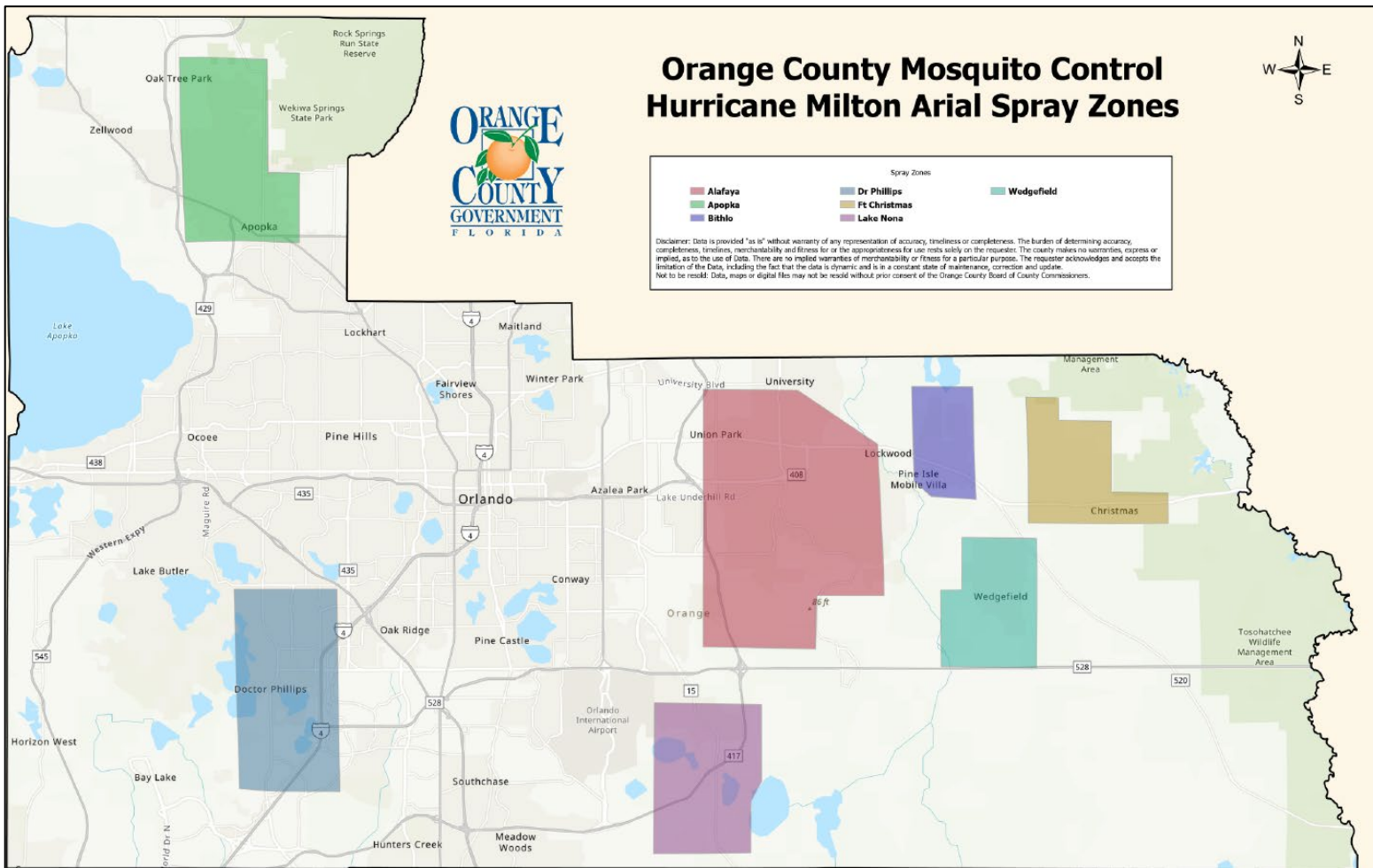
Year	2021						2022						2023					
	prior	storm	post 1	post 2	post 3	post 4	prior	storm	post 1	post 2	post 3	post 4	prior	storm	post 1	post 2	post 3	post 4
Species/Notes																		
<i>Ae aegypti</i>																		
<i>Ae albopictus</i>																		
<i>Ae atlanticus/tormentor</i>																		
<i>Ae fulvus pallens</i>																		
<i>Ae infirmatus</i>																		
<i>Ae taeniorhynchus</i>																		
<i>Ae triseriatus</i>																		
<i>An atropos</i>																		
<i>An crucians</i>																		
<i>An quadrimaculatus</i>																		
<i>Cq perturbans</i>																		
<i>Cs melanura</i>																		
<i>Cx coronator</i>																		
<i>Cx erraticus</i>																		
<i>Cx nigripalpus</i>																		
<i>Cx peccator</i>																		
<i>Cx quinquefasciatus</i>																		
<i>Cx restuans</i>																		
<i>Cx salinarius</i>																		
<i>Cx territans</i>																		
<i>Ma dyari</i>																		
<i>Ma titillans</i>																		
<i>Ps ciliata</i>																		
<i>Ps columbiae</i>																		
<i>Ps cyanescens</i>																		
<i>Ps ferox</i>																		
<i>Ps howardii</i>																		
<i>Wy mitchellae</i>																		
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Traps	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Three Year Average	Week Prior	Week of	Week 1	Week 2	Week 3	Week 4
	0	0	0	0	0	0



Baseline Surveillance Data

Excel spreadsheet:
3 years of Baseline Data



County-provided Proposed Treatment Zones

Should include any areas in need of treatment

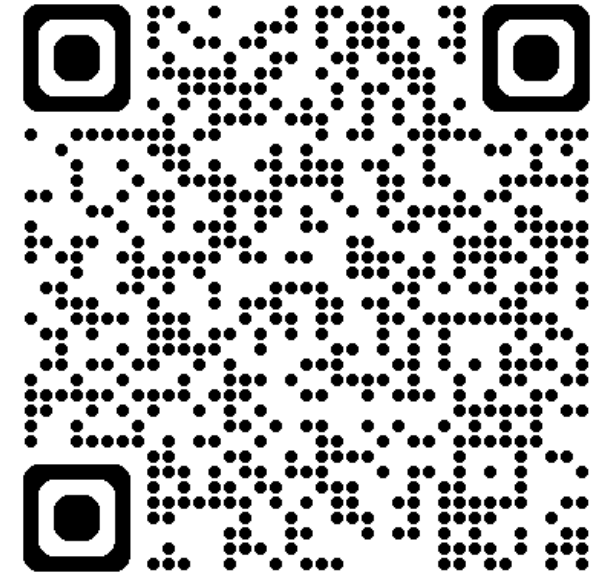
Accepted media include hand-drawn zones on county map, GIS files, or maps from previous activations

Zones will be reviewed and revised

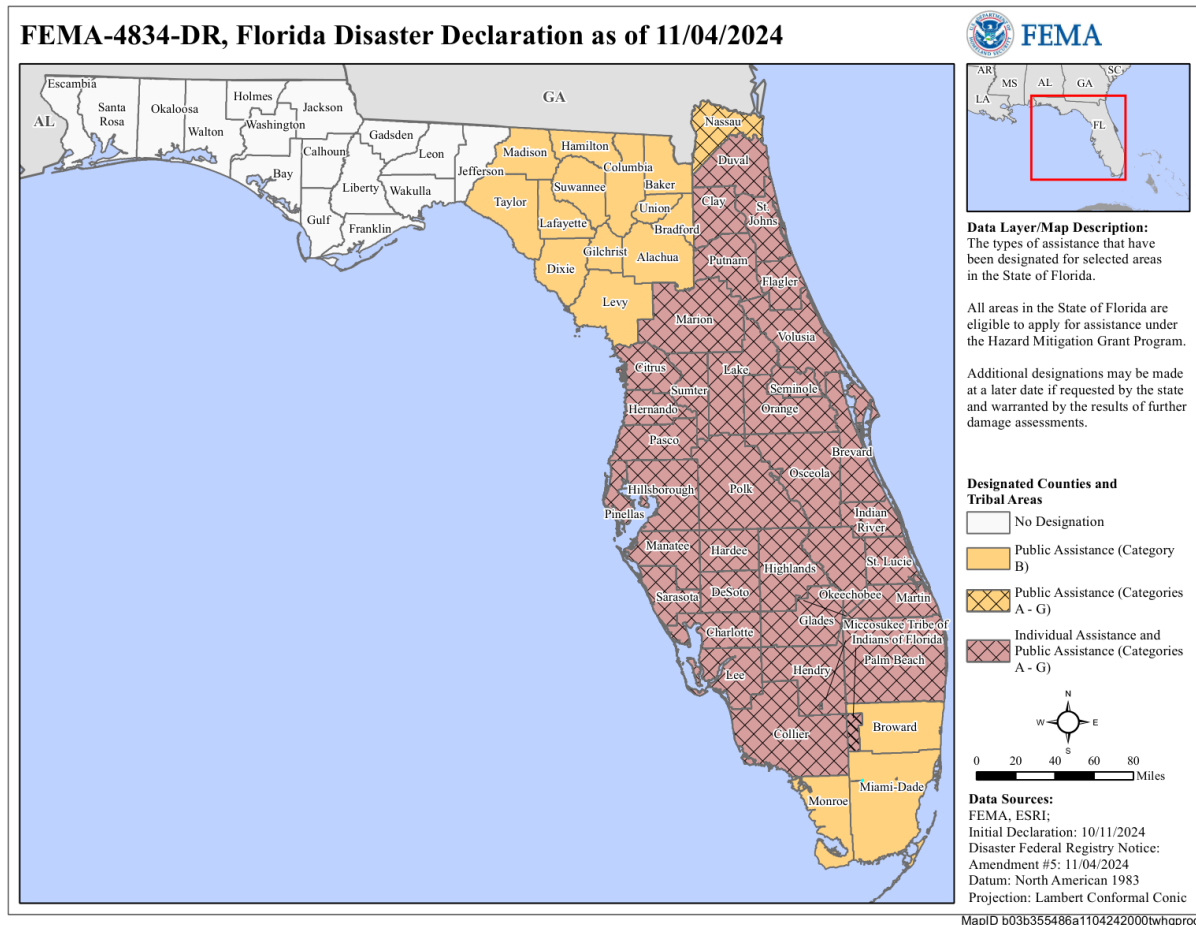
Organic Farms and Public Outdoor Events

- County must submit request either through WebEOC during initial request or through email to the MCIRT Liaison Officer
- Area must be at least 1500 sq ft
- Information required:
 - Address/parcels
 - Event date(s)
 - Event start and end times
- **All requests must be submitted no later than 5:00 PM EST the day before the start of the application event**

USDA Organic Farm Registry



Why would my request be denied?



- Missing or insufficient information submitted to WebEOC
- Not adhering to window of operations post-storm
- Requests submitted prior to storm impact
- Request for assistance beyond aduicide applications
- Non-mosquito abatement requests
- Inability to obtain concurrency from partnering agencies
- County which is not directly impacted by the storm
- Unavailability of federal and/or state funding

What needs to be communicated and when?

- All jurisdictions within the county should be notified of impending aerial applications
- Notification to the public at least 24 hours prior to the day of aerial application. Notice should include:
 - "Weather pending" language
 - Tentative start date(s)
 - Information on how the completion of treatment will be conveyed
- Additional notifications will be required for delayed treatments
- Public Information Officer handout

What will prolong the completion of my request?

Weather

- Rain delays
- Temperature below pesticide label rate
- Wind speed at time of applications

Mechanical

- Dedicated planes
- Plane malfunction
- Fuel issues
- Equipment issues
- Pesticide availability



Personnel

- Incomplete licensure
- Pilot rest
- Limited number of vendors

Incomplete County Requests

- GIS shape files
- BOCC or FDOH support letters
- Mosquito Surveillance Baseline for the requested timeframe
- County Public Information Release plan
- Organic Farms or large scale outdoor public events

Concurrency

- GIS map exclusions
- FDEP concurrency
- FFWCC concurrency
- FDACS Forestry concurrency
- USFWS concurrency
- CDC support

What if I need to cancel my request?

- Prior to day of treatment
 - Request should be cancelled through WebEOC
- Day of treatment
 - Liaison officer must be notified as soon as possible via phone
 - All cancellations must be made before 12 PM on day of treatment
- Please cancel as soon as the decision is made in order for the MCIRT to proceed with other requests

Questions?



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850-617-7918

www.FDACS.gov

