Florida Land Steward

Forest Recovery Webinar Series











Florida Land Steward Forest Recovery Webinar Series



Chris Demers

Extension Program Manager – Florida Land Steward UF/IFAS School of Forest Resources and Conservation cdemers@ufl.edu



Forest Recovery Webinar Series

Agenda:

Webinar 1: September 10, 2020, 2 pm ET, Hurricane Recovery Assistance Update

Daniel Stevens, Cooperative Forestry Assistance Supervisor, Florida Forest Service Elias Mathes, Block Grant Project Manager, contractor on behalf of the Florida Dept. of Emergency Management Laura Bosworth, Director of Forestry and Regulatory Affairs, Florida Forestry Association

Webinar 2: September 17, 2020, 2 pm ET, Which Pine is Right for My Property?

Stan Rosenthal, UF/IFAS Extension Forestry Agent, Emeritus; Forest Advocate, Florida Wildlife Federation, Natural Resource Planning Services

Webinar 3: September 24, 2020, 2 pm ET, Keys to Success with Longleaf Pine and Enviva Biomass Partnership Ad Platt, Vice President for Operations, The Longleaf Alliance

Ben Larson, Director of Sustainability, Enviva Shawn Cook, Sustainability Forester, Enviva Billy Clark, Commodity Manger, Enviva

Webinar 4: October 1, 2020, 2 pm ET, Invasive Species Identification and Control Brian Pelc, Restoration Project Manager, The Nature Conservancy





Florida Land Steward Forest Recovery Webinar Series



Webinar 1: Hurricane Recovery Assistance Update

Daniel Stevens, Cooperative Forestry Assistance Supervisor, Florida Forest Service Elias Mathes, Block Grant Project Manager, contractor on behalf of Florida Dept. of Emergency Management Laura Bosworth, Director of Forestry and Regulatory Affairs, Florida Forestry Association

The State of Florida has announced the sign-up period for the Timber Recovery Block Grant Program to help Florida's forest landowners and timber industry recover following Hurricane Michael. The sign-up period for the Block Grant Program is until November 20, 2020. The deadline to enroll in the USDA Emergency Forest Restoration Program has been extended to October 30, 2020. A brief update on timber markets in the Florida Panhandle region will also be discussed.

Florida Timber Recovery Block Grant Program

Daniel Stevens
CFA Supervisor, Florida Forest Service

Elias Mathes
Block Grant Project Manager, Florida DEM

September 2020





Presentation Overview

- **History of the Grant:** Development process, how did we get here?
- Timeline going forward: What can I expect?
- Eligibility requirements & damage zones: Am I eligible?
- **Application process:** What are the steps involved?
- First step to participate: How do I sign up? Will I talk with the same person?
- Site Inspections: Coordination with Forestry, site inspection, and loss verification
- Payment Process: How do I get paid?
- Questions and Answers: Open forum





Summary of Losses

- · 2.81 million acres impacted
- 71.93 million tons 4.4 years of annual forest harvest in Florida
- \$1.29 billion in damaged resource
- 16,000 private parcels impacted
- 233 Communities At Risk





History of the Grant



landfall

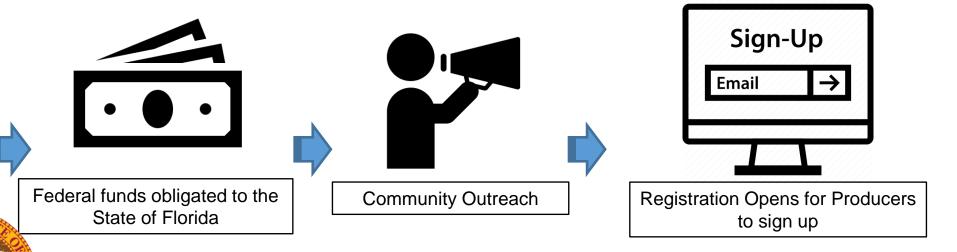






USDA announces \$380m for the State of Florida

USDA Signed Federal-State Agreement





Eligibility Requirements

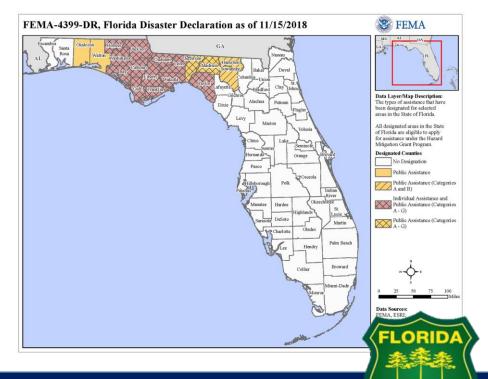
- Definition of an Eligible Producer
 - Stand must be in an eligible county
 - Must be owner of record, or lessee who has rights to the timber crop at the time of application, of a minimum of 10 contiguous acres of nonindustrial private forest land (NIPF)
- To be eligible for the block grant, applicants must fall into one of the following categories:
 - Citizen of the United States;
 - Resident alien;
 - Partnership consisting solely of citizens or resident aliens of the US; or
 - Corporation, limited liability corporation, or other farm organizational structure organized under State law consisting solely of citizens or resident aliens of the US.

Eligible Counties

- Bav
- Calhoun
- Franklin
- Gadsden
- Gulf
- Hamilton

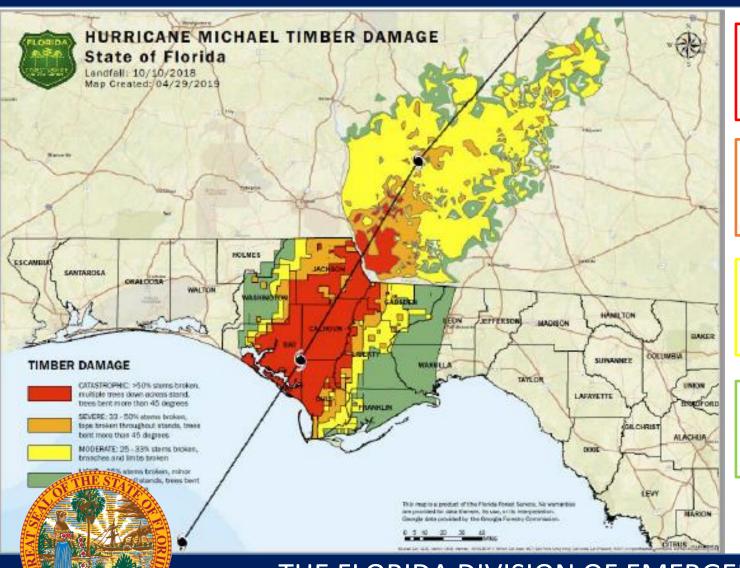
- Holmes
- Jackson
- Jefferson
- Leon
- Liberty
- Madison

- Okaloosa
- Suwannee
- Taylor
- Wakulla
- Walton
- Washington





Damage Zones





Catastrophic = Zone 1

 >=50% stems broken, multiple trees down across stand, trees bent more than 45 degrees



Severe = Zone 1

 33-49% stems broken, tops broken throughout stands, trees bent more than 45 degrees



Moderate = Zone 2

 25-32% stems broken, branches and limbs broken



Light = Zone 3

 <=24% stems broken, minor damage to overall stands, trees bent less than 45 degrees

THE FLORIDA DIVISION OF EMERGENCY MANAGEMENT FLORIDA FOREST SERVICE

Damage Zones

Catastrophic



Severe

Moderate



For Eligible Applicants - Payout Schedule: 35% or higher Timber Loss

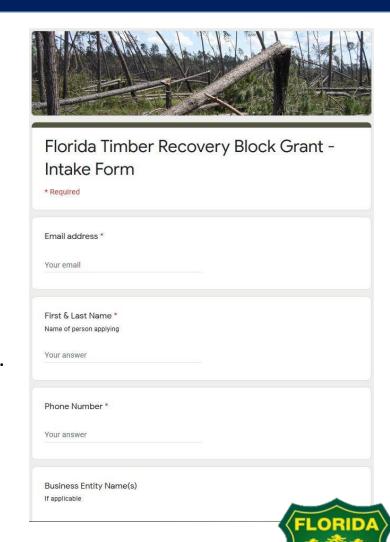
(Assigned Volume x Assigned Value x Damaged Stand Acreage) x 50% Payment Factor

TIMBER TYPE - PINE					
Age	Assigned Volume in Tons per acre	Assigned Value per ton	Payment per acre to landowner		
0.5-15	30	\$12.37	\$185.55		
16-30	70	\$16.39	\$573.65		
31+	50	\$24.32	\$608.00		
TIMBER TYPE - HARDWOOD					
Age	Assigned Volume in Tons per acre	Assigned Value per ton	Payment per acre to landowner		
0.5-30	60	\$7.78	\$233.40		
31+	120	\$11.90	\$714.00		
TIMBER TYPE - MIXED PINE / HARDWOOD					
Age	Assigned Volume in Tons per acre	Assigned Value per ton	Payment per acre to landowner		
0.5-30	30	\$12.18	\$182.70		
31+	50	\$18.11	\$452.75		



Phase 1 - Get Started: How to sign up

- Sign up online using the TRBG intake form located here:
 - www.floridadisaster.org/timber
- If you do not have access to a computer or smartphone, please call the hotline number (850) 270-8317 and a staff member can assist.
- After you register, you will receive a confirmation email. Once you get this, there is no further action required until your Account Manager contacts you.
- Our team will then review your data to determine the location of your stand and assign the appropriate damage zone.
- You will then be assigned to an Account Manager (AM).
- Your AM will contact you and will guide you through the process from start to finish.
 Your AM will assist you with identifying what supporting documentation is needed from you to complete your application.





Phase 2 - Site Inspections and/or Loss Verification

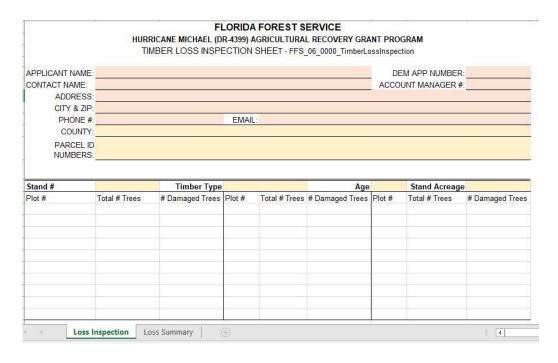
- To determine your eligible payment amount, FFS staff will identify the following data points for each stand of trees:
 - Level of loss
 - Acreage
 - Age of trees
 - Tree species (hardwood, pine, or mixed)





Phase 2 - Site Inspection

If you have NOT cleared your land, a site inspection will be used





GPS enables photo application used at each plot







Phase 2 - Loss Verification

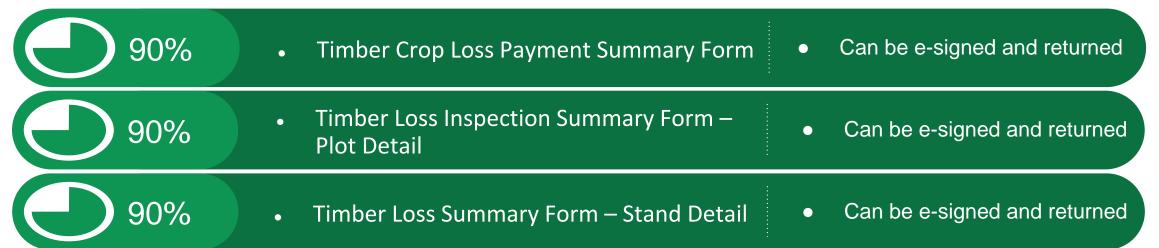
- If you HAVE cleared your land, a remote loss verification will be conducted using a combination of the following:
 - Aerial imagery
 - Land management plans/stand maps
 - Timber planting records
 - Third party loss certification
- Producers will certify the results of all site inspections and loss verifications to ensure accuracy.





Phase 3 - Payment Forms / Producer Responsibility

 Once Phase 3 is complete, your final documentation package is ready to be sent to you for review, signature and return. The documents you will be required to sign to complete the application process are below:



• Once all forms are received, your payment will begin to be processed. Typically the time it takes from when you return the forms to when you receive payment is 4-6 weeks. At this stage you have completed 90% of the process. Last and final step will be for you to receive payment.

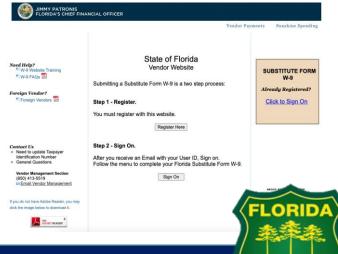




Payment Process - How to Receive a Payment

- Applicants must register through both
 MyFloridaMarketPlace (MFMP) and MyFloridaCFO systems.
- Registration for each take about 5-10 minutes
- MFMP: https://vendor.myfloridamarketplace.com/
 - Registration will require access to email and has several steps
- MyFloridaCFO: https://flvendor.myfloridacfo.com/
 - For this registration, you will need to input your social security number (SSN) if you are applying in your name or your Federal Employer Identification Number (FEIN) if you are applying in a business entity name







Producer Frequently Asked Questions (FAQs)

- Open Forum Section, please ask any questions you may have, and we will answer them
- Floridadisaster.org/timber
- (850) 270-8317





Florida Irrigation Recovery Block Grant Program

Elias Mathes
Block Grant Project Manager, Florida DEM

Kim Shugar
Deputy Director, FDACS Office of Agricultural Water Policy

September 2020





Eligibility Requirements

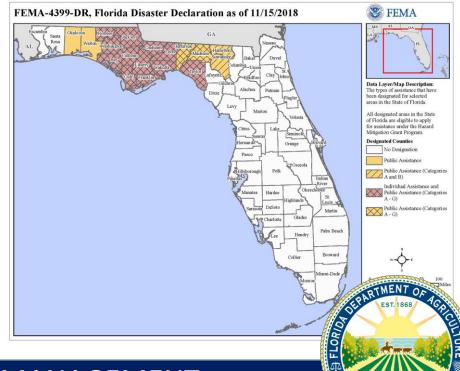
- Definition of an Eligible Producer
 - Must be in an eligible county
 - Must be owner of record of irrigation infrastructure that was damaged by Hurricane Michael
- To be eligible for the block grant, applicants must fall into one of the following categories:
 - Citizen of the United States;
 - Resident alien;
 - Partnership consisting solely of citizens or resident aliens of the US; or
 - Corporation, limited liability corporation, or other farm organizational structure organized under State law consisting solely of citizens or resident aliens of the US.

Eligible Counties

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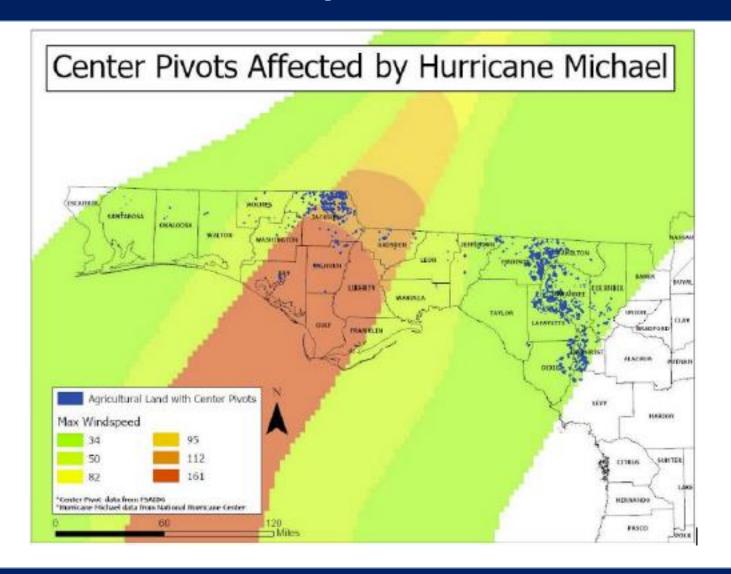
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- Okaloosa
- Suwannee
- Taylor
- Wakulla
- Walton
- Washington





Center Pivots Affected by Hurricane Michael







For Eligible Applicants - Payment Formula

- In order to receive payment from the grant, the applicant's crop in the field for which the destroyed or damaged center pivot is irrigating must have suffered a minimum of 15% loss due to Hurricane Michael.
- For destroyed or damaged irrigation center pivots, the State will use the following formula to determine the payment amount:
 - Up to \$70 per linear foot, not to exceed actual repair/restoration costs, times
 - Total Linear footage, minus
 - Any insurance payment received for the same loss, if applicable, times
 - 50% payment factor
- Total calculated payment to a producer may not exceed the producer's actual cost to replace, repair, or raise the center pivots.





For Eligible Applicants - Insurance Requirements

- Producers who receive a payment must agree to obtain Federal Crop Insurance for the next available two consecutive years for which such coverage is available.
 - Either 2021 and 2022 or 2022 and 2023 Crop Years
- Crop insurance must be purchased at the 60/100 level of coverage (or equivalent) where insurance is available. Whole Farm Revenue Protection at the 60 percent level may also be purchased.
- Coverage will need to be in the same county for the crops, trees, bushes, and /or vines grown within the circumference/area irrigated by the center pivot irrigation system for which benefits are received.





For Eligible Applicants - Source Documentation

- You must provide proof of expense and proof of payment for eligible expenses for any amount of payment that you are eligible to receive under the program. Proof of expenses and proof of payment for those expenses must be provided to the State prior to the release of grant funds to the producer.
 - Proof of expenses: valid invoices for equipment or services
 - Proof of payment: cancelled checks, credit card statements, bank statements, or valid receipt for cash purchases
- Center pivot irrigation includes everything in a center pivot structure. Any structure below the ground surface including pumps and wells or generators are NOT eligible.
- Examples of Eligible Expenses
 - Replacement of damaged or destroyed center pivot irrigation systems.
 - Repair of damaged or destroyed center pivot irrigation systems.
 - Raising of overturned center pivot irrigation systems.





Payment Process - How to Receive a Payment

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- MFMP: https://vendor.myfloridamarketplace.com/
 - Registration will require access to email and has several steps
- MyFloridaCFO: https://flvendor.myfloridacfo.com/
 - For this registration, you will need to input your social security number (SSN) if you are applying in your name or your Federal Employer Identification Number (FEIN) if you are applying in a business entity name





Frequently Asked Questions (FAQs)

- Open Forum Section, please ask any questions you may have, and we will answer them
- Floridadisaster.org/irrigation
- (850) 270-8317







Timber Markets & the Panhandle

Laura Bosworth
Florida Forestry Association
Director of Forestry & Regulatory Affairs
Laura@flforestry.Org



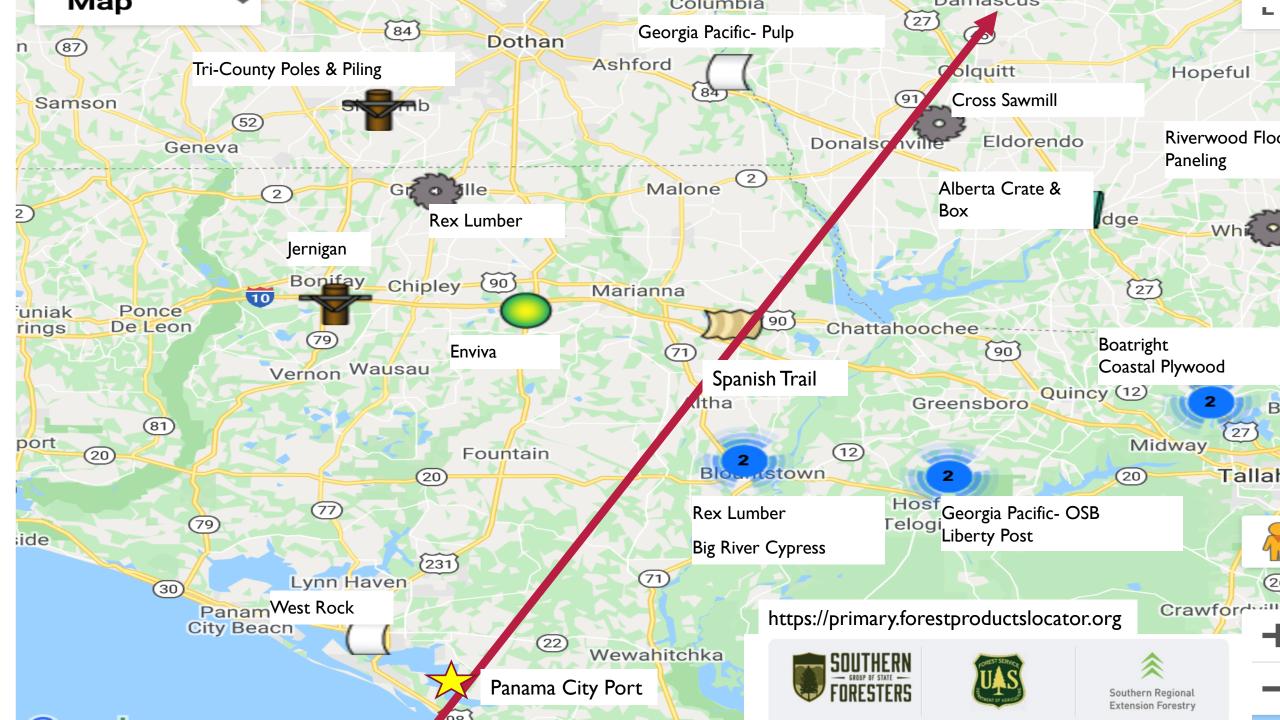
Let's Briefly Talk About

- Local Conditions
- Trends
- Suggestions

Disclaimer:

- Not a psychic
- Not an economist
- Utilize resources
- Do your research





Putting the Impacts into Perspective

Interesting, but not the whole picture

Timber harvested in 2016 in Florida & Standing Tonnage Estimates 2015-

IFAS, forest economic contributions, 2016

	Timber
Product / Ownership	Removals
	(tons)
Pine Sawtimber	4,891,170
Pine Pulpwood	9,871,902
Mixed Hardwood Sawtimber	248,093
Hardwood Pulpwood	1,323,109
Total	16,334,227

Catastrophically and severely impacted pine tonnage was approximately equivalent to over 2x of what was harvested in 2016 across the state.

Table 2. Aboveground biomass of live trees on forest land by ownership and land use in Florida, 2015

Ownership class	Timberland	Reserved Forestland	Other forestland	Total
<u> </u>	Short tons (dry weight)			
National Forest	42,844,154	1,149,083	194,704	44,187,941
National Park Service		17,054,173		17,054,173
Fish and Wildlife Service		10,202,762		10,202,762
Department of Defense	14,855,865		334,498	15,190,363
Other federal	1,580,601			1,580,601
State	109,032,099	13,240,772	212,738	122,485,609
County and Municipal	11,583,184	4,603,762	263,111	16,450,058
Other local government	19,401		4,281	23,681
Private	382,268,049		1,613,059	383,881,108
Total	562,183,354	46,250,551	2,622,390	611,056,295

Trees counted that are at least 1 inch diameter at breast height (dbh). Source: USDA-Forest Service, Forest Inventory and Analysis program

Timber Damage for Hurricane Michael-

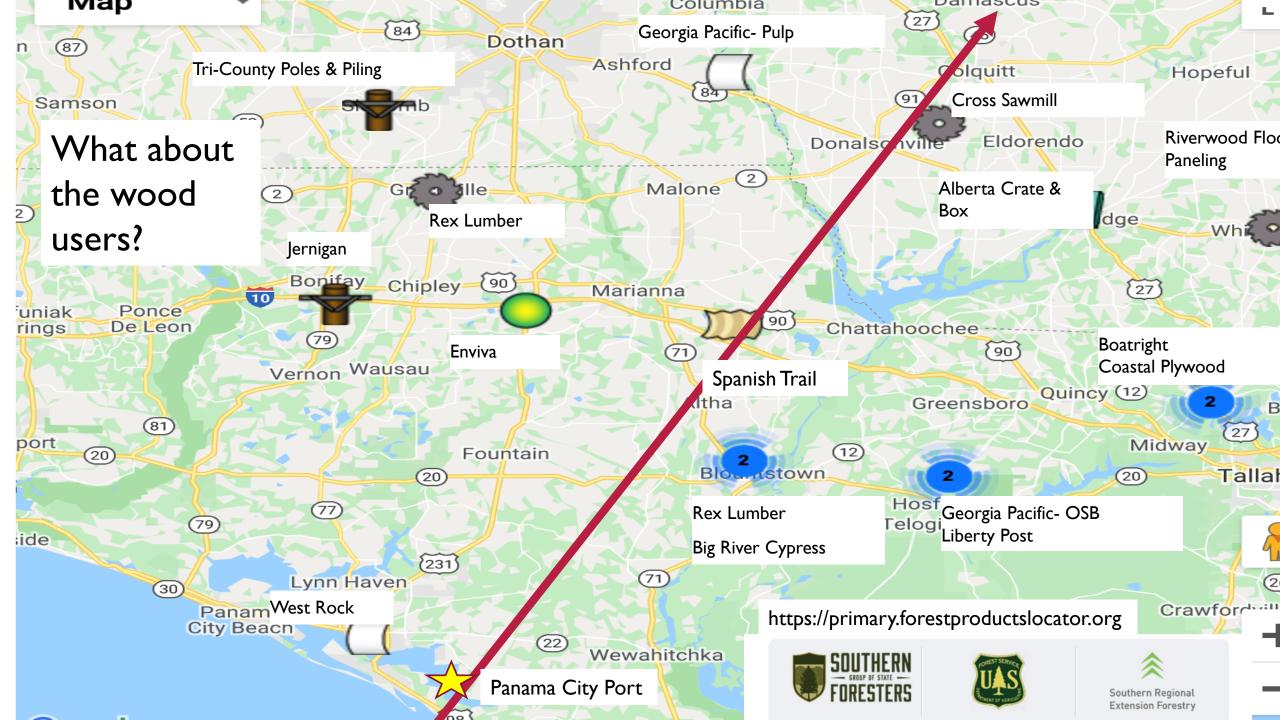
Florida Forest Service Hurricane Michael Damage Assessment

Table 2. Timber damage by forest type and damage classification.
10/19/2018

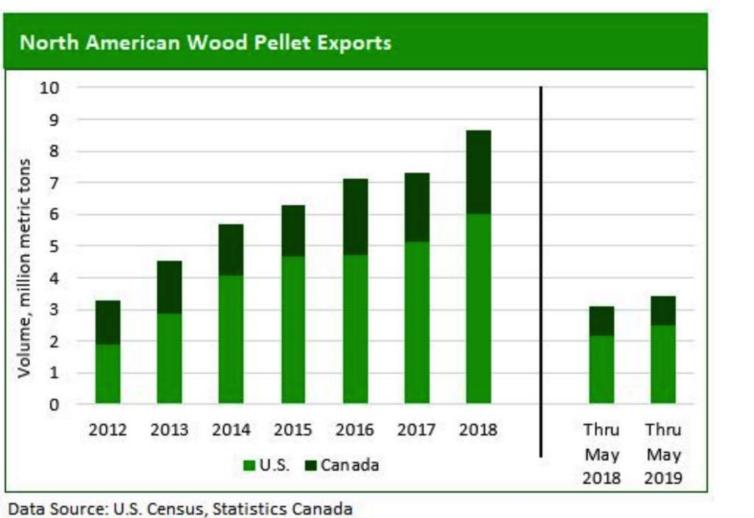
• •			
Forest Type	Damage	Percent	Tons
Pine	Catastrophic	95%	9,442,060
Pine	Severe	75%	22,410,146
Pine	Moderate	15%	6,097,270
Mixed Upland	Catastrophic	95%	2,806,688
Mixed Upland	Severe	75%	6,661,500
Mixed Upland	Moderate	15%	1,812,437
Bottomland	Catastrophic	95%	5,646,741
Bottomland	Severe	75%	13,402,176
Bottomland	Moderate	15%	3,646,419

TOTAL ESTIMATED TIMBER VALUE DAMAGED

Based on these numbers approximately 12% of FL standing tonnage was impacted



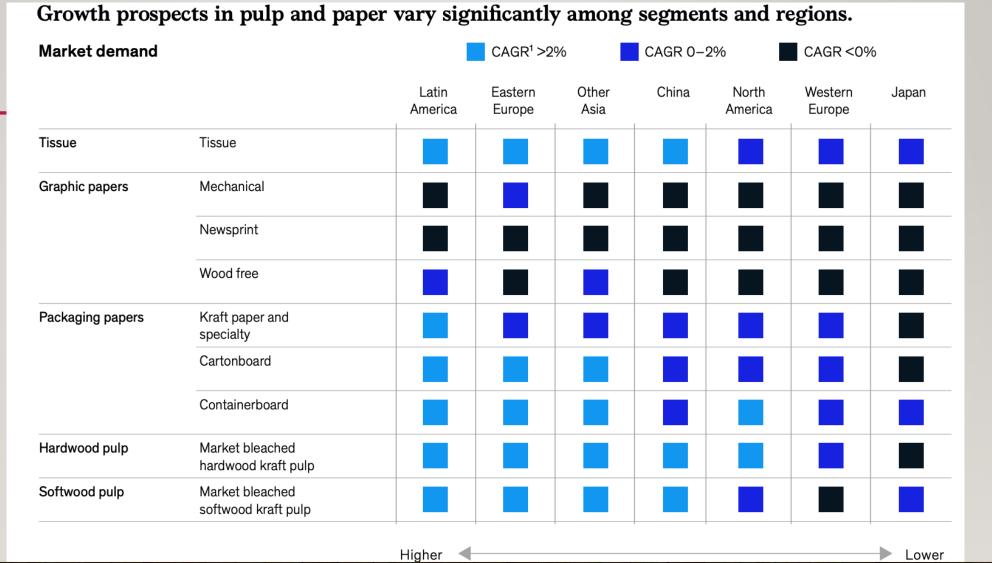
PELLET TRENDS





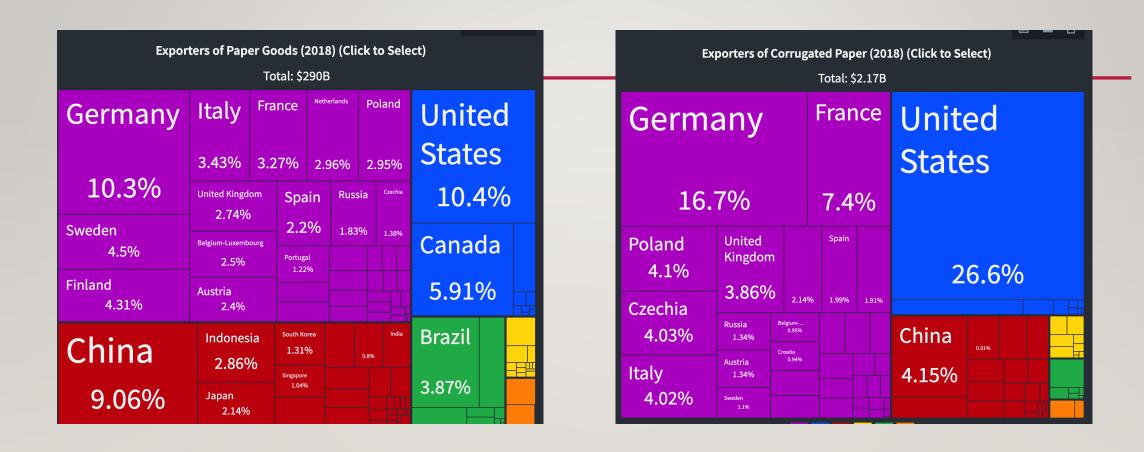
PULP, PAPER & CONTAINERBOARD

- Wide variety of products
- Demands are shifting
- Exports



McKinsey&Company- Pulp, paper and packaging in the next decade, 2019

CORRUGATED BOARD & PAPER GOOD EXPORTS



https://oec.world/en/profile/hs92/corrugated-paper, OEC

SAWMILLS- HOUSING STARTS

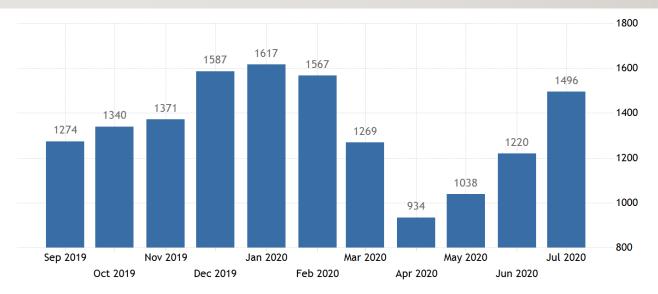
https://tradingeconomics.com/united-states/housing-starts



Past 10 Years



Past Year



SOURCE: TRADINGECONOMICS.COM | U.S. CENSUS BUREAU

CROSS LAMINATED TIMBER



- Secondary Product
- Source from Sawmills
- Gaining Interest
- 2019- 773 million dollar value
- When we continue with climate...

Things to Consider

Get in there

- Flexible rotation lengths and thinning
- Include alternative products
 - pine straw
 - palmetto berries
 - recreation & hunting
 - payment for ecosystem services

Check into easements & utilize cost share programs



In Summary

Current demand is good

Future situation has promise...

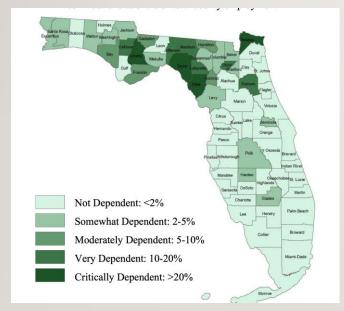
Current local products are diverse and in high demand

Supply is important, reforest!

Flexibility is key

Thank you for reforesting, if you're not give us a call!

We want to know why and share your story. We also want you to change your mind.



Employment county dependence by county-IFAS 2016 Forest Economic Contributions Report

- Have questions?
- Want to become a member?

Director of Forestry & Regulatory Affairs
Laura Bosworth
Laura@FLForestry.org

Director of Member Services
Whitney Hough
Whitney@FLForestry.org



Forest Recovery Webinar Series



Please fill out the Evaluation for this Webinar https://www.surveymonkey.com/r/HP3RJDG

Presentation slides and other materials for this series are available online at

https://programs.ifas.ufl.edu/florida-land-steward/



Forest Recovery Webinar Series

Next Webinar: September 17, 2020

2:00 pm ET (1:00 pm CT)

Which Pine is Right for My Property?

Stan Rosenthal, UF/IFAS Extension Forestry Agent, Emeritus; Forest Advocate, Florida Wildlife Federation, Natural Resource Planning Services





THANKS FOR JOINING US!



