



ASA HUTCHINSON  
GOVERNOR

# ARKANSAS AGRICULTURE DEPARTMENT

ARKANSAS FORESTRY COMMISSION  
ARKANSAS LIVESTOCK & POULTRY COMMISSION  
ARKANSAS STATE PLANT BOARD

1 NATURAL RESOURCES DRIVE, LITTLE ROCK, AR 72205 | (501) 225-1598 | AAD.ARKANSAS.GOV



WES WARD  
SECRETARY OF AGRICULTURE

January 8, 2019

The Honorable Bill Sample  
Arkansas Senate  
State Capitol

The Honorable Jim Dotson  
Arkansas House of Representatives  
State Capitol

Re: Arkansas Forestry Commission monthly activity report for December 2018

Dear Senator Sample and Representative Dotson:

Per Section 42 of Act 841 of the 2018 Regular Session, the Arkansas Forestry Commission (AFC) is to report monthly fiscal and agency activities to the Arkansas Legislative Council. Please find attached the report for December 2018.

Colder temperatures causes trees and seedlings to go dormant. This dormancy allows seedlings to be "lifted" out of the prepared seedbeds and processed for sale to landowners desiring to plant this spring.

AFC staff at Baucum Nursery has started lifting this month and have lifted 1.5 million seedlings. This is just the start of AFC's lifting phase. Lifting will continue, with adequate weather conditions, for another two months or until the entire 10 million seedlings are lifted.

These quality seedlings will be used by Arkansans, and forest landowners in adjoining states, to ensure a healthy and well stocked forest for future generations.

ARKANSAS FORESTRY COMMISSION

Joe S. Fox

cc: DFA Director Larry Walther  
Secretary of Agriculture Wes Ward





## ARKANSAS FORESTRY COMMISSION December 2018 Activity and Fiscal Report

### FIRE PROTECTION

**Wildfires:** During December a total of nine wildfires were suppressed for a total of 52 acres burned. Ten-year average for the month of December is 53 wildfires for 614 acres burned.

**Storm Damage Assistance:** Two AFC rangers from Newton County removed a tree from a U. S. Forest Service road to allow two people that had been camping in the forest to leave. The road was located southeast of Deer.

**Rural Fire Protection:** Rural Fire Protection (RFP) assists fire departments (FDs) with organization, training and equipment. RFP provides interest-free loans, secures firefighting and emergency services equipment from the federal government, and administers a federal grant to assist approximately 1,000 fire departments. The RFP shop provides maintenance to property destined for FD's and repairs AFC equipment.

December 2018

- 49 fire departments, (145 firefighters), were provided wildland fire training with seven AFC/AAD personnel in attendance.
- RFP received two brush trucks (valued at \$284,264.00).
- There was one Department of Defense (DOD) vehicle issued to a FD, one Freightliner (valued at \$166,223.00), as well as two generators on trailers (valued at \$56,148.00).
- 101 DOD Recycling Control Point (RCP) items were received for redistribution to FDs and AFC (valued at \$138,251.52) to include, breathing apparatus, medical bag, storage lockers, shipping and storage containers and light bars.
- The RFP shop completed maintenance on seven AFC vehicles and equipment as well as five DOD vehicles.
- RFP provided one interest free loan via the Rural Fire Revolving Loan Fund.

Chidester VFD	'09 Freightliner	\$12,358.64	D-4	Ouachita Co.
---------------	------------------	-------------	-----	--------------



- 2018 VFA Grant Awarded and Non-awarded applicants have been notified. All districts have turned in sizing requests for PPE. The requisition for remaining PPE was sent to Little Rock for purchase order on 12/27/18.
- 2019 Annual Rural Fire Show: We have started preparations for the 2019 Fire show. The Conway Convention Center has been booked for October 5, 2019. The show has been moved from the last Saturday in October. We are going to notify vendors and departments early this year due to the change in dates.

**Firewise:** Firewise staff and district personnel work with fire departments and civic organizations to make communities safer from the threat of wildfire through mitigation projects and community education initiatives. Arkansas has 77 active Firewise communities. Recognized communities display Firewise signs at the city limits.

Firewise achieved the following in **December**:

- Two program recognition award presentations
- One community fire danger evaluation (looking at fuels, fuel levels, community layout, etc.)
- Assisted one community with required renewal paperwork

**Law Enforcement:** AAD has the authority to enforce the laws of the State of Arkansas, but focuses primarily on unlawful dumping, timber theft, forest fires, and forestry equipment theft and vandalism. AAD aggressively seeks prosecution of violators to deter such crimes. AAD investigators and district law enforcement officers opened one AFC property, two dumping, one equipment theft/vandalism and nine timber theft cases. They closed three dumping, one fire related, one equipment theft/vandalism and six timber theft cases.

## **FOREST MANAGEMENT**

**Forest Stewardship/Rural Forestry Assistance Programs:** AFC works with a diverse group of partners and professionals to conserve, protect, and enhance Arkansas' forests. The Forest Stewardship Program (FSP) is an opportunity for non-industrial private forest landowners who are interested in managing their property for wildlife, recreation, soil and water conservation, agro-forestry and/or timber production to get a comprehensive multiple use forest management plan that is prepared by private consulting or AFC foresters, private consulting or AGFC private lands wildlife biologists, and USDA Natural Resource Conservation Service soil and water professionals. Arkansas has 392,855 acres of private land actively enrolled in the Forest Stewardship Program. Landowners that implement practices under their FSP management plans become Certified Forest Stewards. There are 1,238 Forest Stewards owning 277,609 acres in the State.

For December, four FSP plans were prepared on 217 acres. In addition, AFC personnel provide technical assistance through the rural forestry program to landowners that are enrolled in USDA

tree planting and forest management programs such as the Conservation Reserve Program, Environmental Quality Incentives Program, Wetland Reserve Program, and AFC Southern Pine Beetle Prevention and Restoration Program. AFC foresters prepared 66 forest management practice plans on 5,038 acres. AFC personnel conducted five prescribed burns on 172 acres.

**Urban Forestry Assistance:** Urban Forestry Program staff provides assistance and training to communities, educational institutions, non-profit organizations, developers and homeowners on urban tree care, inventory and management.

#### December 2018- Urban & Community Forestry

- Conducted interviews for the Urban Forestry Partnership Coordinator.
- Participated in online iTree training and webinar on preventing construction damage to trees.
- Assisted the Arkansas Urban Forestry Council in conducting interviews for a new Executive Director.
- Assisted the City of Clinton to facilitate their Tree City USA certification process.
- Prepared marketing materials consisting of fact sheets, brochures, and banners to promote community forestry in Arkansas.

**Forest Health:** The Forest Health Specialist assists AFC personnel statewide in efforts to maintain healthy, productive forest ecosystems by preventing, detecting, monitoring, and suppressing damaging insects and diseases. AFC offers technical assistance to landowners who encounter forest health issues.

- The 2018 Forest Health Highlights are now available on the Arkansas Forest Health webpage: <https://www.agriculture.arkansas.gov/foresthealth>
- The Forest Health Specialist is now a certified remote pilot and has added a UAS (unmanned aerial system or drone) to his toolset for monitoring forest health disturbances. This tool offers a way to image small-scale forest disturbances.

**Reforestation:** AFC's tree improvement program strives to provide landowners with the highest possible genetic gain in pine and hardwood seed. One method AFC employs to achieve this objective is by establishing the highest genetic gain material in our newest pine and hardwood seed orchards. AFC Baucum Nursery then makes available to landowners the improved varieties of pine and hardwood, which are the net result of the tree improvement program.

With the assistance of District 4, the Reforestation Manager completed data collection on two 10-year-old progeny tests. AFC1195 contained 2,800 test trees and AFC1199 had 2,160 test trees, for a total of 4,960 progeny test trees.

On December 20, the Reforestation Manager conducted a tour of Bluff City Tree Improvement Complex for Gary Earleywine with Central Arkansas Master Naturalists.

**Baucum Nursery:** AFC's Baucum Nursery produces hardwood and pine seedlings for reforestation and afforestation efforts.



Seedling sales began on July 15. Through December 31st, there were 498 online orders and 111 traditional orders. Total sales of 1,116,500 pine and 5,901,325 hardwood. Comparatively, in the same period in FY 18, there were 552 online orders and 142 traditional orders. Total sales of 1,176,175 pine and 5,082,750 hardwood.

Baucum Nursery staff completed the following during the month of December.

- Lifted and packed the following:
  - 113,000 pine
  - 1,415,325 hardwood
  - 6,000 Containerized 3-star loblolly pine
  - 10,200 Containerized Advanced Gen shortleaf pine
  - Total seedlings packed = 1,544,525
- Shipped the following:
  - 340,000 hardwood
  - 600 pine
- Received the following pounds of seed:

(AGFC) Nuttall oak	2,796
(AGFC) Water oak	158
Mexican plum	25
Northern Red oak	1,600
Pecan	1,991
Pinn oak	1,500
Shumard oak	1,339
Water oak	420
Willow oak	3,067
- Harvested the following pounds of seed:

Improved Cherrybark oak	127
Improved Nuttall oak	90

### **Tree Improvement:**

During the month of December, the Bluff City Tree Improvement staff completed the following:

- Processed 475 cones from 22 pedigree crosses which yielded 3,287 seed.
- Packed and delivered 6,000 containerized 3-star loblolly pine to Baucum for distribution to customers.
- Planted 137 grafted trees in orchard 1718.
- Planted 73 grafted trees in orchard 1721.
- Pruned and chipped limbs from 114 trees in orchard 1714.

- Cut down the remaining 13 trees (around 50 feet tall) in the old 1710 orchard and pushed up trees into a pile to be burned.
- Removed dead tree by office.
- Pruned shrubs around office.

**Best Management Practices (BMP):** AFC provides BMP training to loggers and timber companies, conducts courtesy exams prior or during timber harvest operations and addresses logging complaints.

BMP achieved the following in **December 2018**:

- Delivered UA Extension Service material used for BMP training.
- Grant review and budget review with Little Rock staff.
- BMP presentation with Game and Fish during landowner Prescribed Burn training.
- Pesticide Applicator training with UA Extension Service.
- Tree Farm meeting with Arkansas Forestry Association.
- Meeting with Arkansas Department of Environmental Quality (ADEQ) inspectors.
- Forest Drinking Water meeting and minutes taken for records.
- Arkansas Natural Resources Commission (ANRC) grant proposal work meeting with AFC staff.
- Landowner complaint checked on BMP damage during timber theft meeting with AFC LE officer.
- Conference call with Keeping It In The Family (KIITF) staff for planning 2019 activity.
- Talked with landowner on BMP complaint and notes taken for report to law enforcement officer.

**Forest Inventory and Analysis (FIA):** AFC in cooperation with the United States Department of Agriculture (USDA) Forest Service Southern Research Station is responsible for collecting scientific data from permanently established plots located all over the state. The plots, each representing 5,937 acres, are strategically located on a three-mile by three-mile grid. The inventory plots have been generating data since they were established in the 1950's. Natural resource managers use the data to make management decisions and follow Arkansas' natural resource trends through time.

FIA completed 65 plots during the month of December. We are now 86% complete with Inventory 2018.

### **FINANCIAL INFORMATION**

December 2018

.	<b>Balance</b>
4020014000 TIMBER SEVERANCE	(301,902.53)



** SR (3.0) - Taxes	(301,902.53)	
4030002000 ACREAGE TAX	(646,536.62)	
4031076000 FIRE PROTECT/SUPP	0.00	
** SR (1.5) - Taxes	(646,536.62)	
4038001000 TIMBER SALES	(17,249.21)	
4038003000 SEEDLING SALES	(8,694.97)	
** SR (1.5)- Sales of Agency Produce	(25,944.18)	
4042001000 FINES	(115.00)	
** OR - Fines and Penalties	(115.00)	
4043002100 NBR LICENSE & PERMIT	0.00	
** OR - Licenses and Permits	0.00	
4044002000 FACILITIES RENT	(1,110.00)	
** OR - Rents	(1,110.00)	
4046002000 NON-OP DONATIONS	0.00	
4047002000 OTHER SALES	(12,358.64)	Fire Equipment
4047021000 OPERATING DONATIONS	0.00	
4047041000 VOLUME REBATES	0.00	
4047099600 NBR - Other	0.00	
6200003000 Other Donations	0.00	
** OR - Miscellaneous	(12,358.64)	
4047001600 PAYMENT FOR SERVICES	(10,666.00)	Prescribed Burn/Fire Lane
4048001000 SALE COPIES PUBS	(291.00)	Trees of AR
4048019000 RESALES	(1,226.67)	Fire Equipment
4053001200 NBR SALE OF GDS & SV	0.00	
** OR - Sales of Goods and Services	(12,183.67)	
4049003000 INTEREST DISTRIB	(0.29)	
** OR - Investment Revenue	(0.29)	
4050001000 NONFED GRANTS/REIMB	0.00	
4050003000 OTH REFUNDS/REIMB	0.00	
4057003000 UTILITY REIMBUR	(629.85)	Electric Companies Rebate
** OR - Grants and Reimbursements	(629.85)	
4050004000 FED GRANTS/REIMBURSE	(380,531.34)	
4050004100 NBR - Grant Rev.	0.00	
** Federal Grants and Reimbursements	(380,531.34)	
4090010000 3% SPECIAL REV FEES	9,057.08	
4090020000 1.5% SPL REV FEES	11,420.41	
4090030000 ADDITIONAL SR FEES	682.58	
** Treasury Charges	21,160.07	
5010001000 00 Regular Salaries	769,578.81	
5010001100 NBR - Personal Svs.	0.00	
5010001600 NBR - Emp Benefits	0.00	
5010002000 01 Extra Help Sal	9,033.18	
5010003000 06 Overtime Salaries	0.00	
5010005000 03 FICA & Medic Exp	55,597.55	
5010006000 03 Ben Ins Exp HAL	118,860.00	
5010006500 Agency Cost of ARCAP	3,986.85	



5010007000 03 Retirement Exp	118,779.84	
5010009000 03 Worker Comp Exp	0.00	
5010011000 16 Fixed Uniform All	400.00	
<b>** Salary Expense</b>	<b>1,076,236.23</b>	
5020001000 Postage	481.57	
5020002000 Telecomm Wired	4,429.51	
5020003000 Telecomm Wireless	8,548.91	
5020004000 Network Services Exp	1,664.97	
5020005000 Freight	59.44	
5020006000 NBR Com & Trans Com	0.00	
<b>** Communication &amp; Transp. of Commod</b>	<b>15,184.40</b>	
5030001000 Printing	3,717.53	RFP Certificates; 8 HR Fire Suppression Books
5030001100 02-Print-AgenPub	0.00	
5030001200 LEGAL/MEDICAL COPYIN	76.26	
5030002000 Bind Copy Collate	194.23	Printing Overages
5030003000 Advertise Clip Svc	125.60	AR Dem Gazette - Statement of Legal Adv
5030004100 NBR Printing & Adv.	0.00	
<b>** Printing &amp; Advertising</b>	<b>4,113.62</b>	
5030005000 02-Bldg & Grds Maint	25,234.04	
5030005100 Pest Control CI 02	283.67	
5030005300 02 CHILLER MAINT	0.00	
5030008000 Office Equip Maint	0.00	
5030009000 Telephone Repair Svc	0.00	
5030010000 Pub Safety Eq Maint	491.18	
5030011000 Ind Inst Equip Maint	11,609.50	
5030012000 02 - Vehicle Maint	10,767.15	
5030014000 Mar Avi Equip Maint	18,361.16	
5030017000 Software Maintenance	0.00	
5030021000 NBR - Repair & Serv.	775.50	
<b>** Repairing &amp; Servicing</b>	<b>67,522.20</b>	
5040001000 Electricity	8,126.09	
5040002000 Electric Special Use	0.00	
5040003000 Water & Sewage	2,036.21	
5040003100 02 Water	0.00	
5040004000 Natural Gas Propane	4,857.20	
5040005000 Rent of Facilities	5,689.50	
5040006000 Lease Private Land	90.00	
5040007000 Rent of Office Equip	2,078.74	
5040011000 Other Rent & Leases	1,658.05	
5040012000 NBR -Utilities & Ren	198.87	
5040013000 Satellite/cable Serv	0.00	
<b>** Utilities &amp; Rent</b>	<b>24,734.66</b>	
5050001000 02 Mileage	81.48	
5050002000 09 Mileage	43.52	
5050003100 02 - Meals	280.12	
5050003200 02 - Lodging	1,642.72	
5050004100 09 - Meals	240.94	



5050004200 09 - Lodging	890.11	
5050005000 02 Common Carrier	1,994.50	
5050009000 02 Ground Transport	24.20	
5050010000 09 Ground Transport	0.00	
5050011000 02 PRKNG FEES		
TRAVEL	0.00	
5050012000 09 PRKNG FEES		
TRAVEL	0.00	
5050013000 02 Other Travel Exp	110.20	
5050017000 02 Conf Seminar Fees	1,556.00	
5050018000 09 Conf Seminar Fees	60.00	
5050020400 02BdMbr Trvl Mileage	0.00	
5050023000 NBR Travel/Sub Cl 02	0.00	
5050024000 NBR Travel/Sub Cl 09	0.00	
5050027000 09 Ag Sponsored Conf	0.00	
<b>** Travel &amp; Subsistence</b>	<b>6,923.79</b>	
5060001000 Professional Adm Fee	900.00	Stewardship; 40 acre land appraisal
5060001400 02 WC ADMIN FEE EXP	0.00	
5060016000 NBR PROSVS & FEES	263.29	
5080015000 02 MiscTech SrvNonIT	541.75	
5080015050 02 MiscTech Srv-IT	0.00	
<b>** Professional Services &amp; Fees</b>	<b>1,705.04</b>	
5070001000 Surety Perform Bonds	0.00	
5070002000 Vehicle Insurance	0.00	
5070003000 Bld Contents Ins	0.00	
5070007000 Other Insurance	25,587.00	Aircraft Insurance
<b>** Insurance &amp; Bonds</b>	<b>25,587.00</b>	
5080001000 M&R Service Fees	0.00	
5080006000 Assoc Member Dues	300.00	
5080009000 Janitorial Service	234.30	
5080011000 02-CONTRACT FOOD		
SER	0.00	
5080014000 Trash Pickup Service	549.98	
5080016000 Temp Employ Svc	1,470.70	Baucum Nursery
5080018000 Salv Demolish Remove	0.00	
5080019000 Veh Lic Title Fees	886.41	
5080020000 Enforce Invest Exp	43.28	
5080020500 02 NONEMPL BCKGRD		
CK	132.00	
5080029000 NBR - Other Exp, Svs	3,610.11	
5080033000 Educational Costs	324.47	
<b>** Other Expenses &amp; Services</b>	<b>7,551.25</b>	
5090001000 Road Pub Area Mats	0.00	
5090002000 Natural Res Supps	80.63	
5090003000 Special Purpose Supp	0.00	
5090004000 Tires	181.83	
5090005000 02 GASOLINE PURCH	15,464.15	
5090005100 02 DIESEL FUEL PURCH	7,732.76	
5090005200 02 AVIATION FUEL	1,012.80	
5090006000 Office Supplies	2,145.13	



5090007000	Educ Supplies Mats	11,237.86	
5090011000	Photo Supps Mats	(184.20)	
5090012000	Architect Draft Supp	0.00	
5090013000	02-Pub Safe,Mil Sups	278.41	
5090014000	Drugs & Medicines	211.84	
5090016000	Shop Indust Supps	8,492.62	
5090018000	Subscriptions Pubs	2,681.25	
5090019000	Food Purchases	784.65	
5090020000	02-Clothing,Rel Item	458.55	
5090022000	02-Kit,Jan,House Sup	1,107.02	
5090023000	Seed Fert Cont Agent	68,307.25	
5090025000	Agri Hort WL Supps	1,158.66	
5090026000	DP Supps	911.43	
5090027000	Software/Licenses	2,075.49	
5090030000	Other Comm Mat Supp	0.00	
5090036000	NBR - Comm, Mat, Sup	279.62	
5090037000	Equip Fire Vehicles	30,631.85	
5900004000	LVA Exp (Modified)	9,126.11	Chainsaw; 5 Aircraft GPS; Drone
5901070000	LVA Exp Full	9,126.11	
**	Commodities, Materials & Supplies	173,301.82	
5100001000	04 Assist Grants Aid	6,302.74	
5100005100	02-SPONSORSHIPS	500.00	
**	Assistance, Grants & Aids	6,802.74	
5110002000	02 Other Refunds	950.00	
5110008000	License & Permits	0.00	
5110015000	NBR Ref Taxes Claims	93.42	
**	Refunds, Taxes & Claims	1,043.42	
6080001300	RefExpSlesTaxRebate	0.00	
6080001301	RefExpUseTaxRebate	0.00	
**	Refunds	0.00	
5900003000	Capital Outlay	157,455.31	Plow Truck (D4); Taxes for Firewise Truck
**	Capital Outlay	157,455.31	
5901020000	Depr Expense (Full)	119,515.86	
**	Depreciation/Amortization	119,515.86	
6100002000	GainLoss FA(Full)	0.00	
**	Gain/Loss on Fixed Assets	0.00	
5130030300	Inter fedxout-warr04	5,277.00	
6060003000	Inter-Agy Xfers In	(70,000.00)	
6060003100	INTER XFER IN REBATE	(4,160.44)	
6060004200	InterAgy FedRev X In	(11,983.56)	
6060004299	NBR Fed Rev XFER In	0.00	
6060004500	IntraAgy GR Tran-In	(635,985.42)	
6060006800	FS Adj Op Trans In	0.00	
6060007200	M & R Transfers In	(3,200.48)	
6060009000	Motor Veh Tfr In	0.00	
6061002000	Intra-Agy Xfers Out	25,000.00	Funds Transferred to Paying fund - Agri Fund
6061004100	GR RECLAIM XFER OUT	0.00	
6061004299	NBR Fed Rev XFR Out	0.00	
6061006800	FS Adj Op Trans Out	0.00	



6061006820	Tran Out to CompUnit	0.00
6061008400	Claims Com. Tr. Out	0.00
6061009000	Motor Veh Tfr Out	0.00
**	Transfers In/Out	(695,052.90)
6990001000	Prior Yr Warr Outlaw	0.00
6990002000	Prior Yr Warr Cancel	0.00
6990003000	Prior Yr Ref to Exp	0.00
**	Prior Year Adjustment	0.00
***	<b>BALANCE</b>	<b>0.00</b>