

MS State Univ - Agricultural & Forestry Experiment Stat Box 9760

Dr. Mark Keenum/Dr. George Hopper

AGENCY	ADDRESS			CHIEF EXECUTIVE OFFICER	
	Actual Expenses June 30,2018	Estimated Expenses June 30,2019	Requested For June 30,2020	Requested Over/(Under) Estimated	
				AMOUNT	PERCENT
I. A. PERSONAL SERVICES					
1. Salaries, Wages & Fringe Benefits (Base)	20,111,417	21,877,511	24,009,720		
a. Additional Compensation					
b. Proposed Vacancy Rate (Dollar Amount)					
c. Per Diem					
Total Salaries, Wages & Fringe Benefits	20,111,417	21,877,511	24,009,720	2,132,209	9.75%
2. Travel					
a. Travel & Subsistence (In-State)	55,487	85,819	101,922	16,103	18.76%
b. Travel & Subsistence (Out-Of-State)	137,169	220,676	262,085	41,409	18.76%
c. Travel & Subsistence (Out-Of-Country)					
Total Travel	192,656	306,495	364,007	57,512	18.76%
B. CONTRACTUAL SERVICE S (Schedule B)					
a. Tuition, Rewards & Awards	149,747	139,700	139,700		
b. Communications, Transportation & Utilities	2,521,533	2,521,500	2,523,500	2,000	0.08%
c. Public Information	5,725	5,725	5,725		
d. Rents	226,302	267,200	267,200		
e. Repairs & Service	1,154,838	940,210	940,210		
f. Fees, Professional & Other Services	319,927	320,000	332,000	12,000	3.75%
g. Other Contractual Services	1,374,311	1,439,374	1,444,874	5,500	0.38%
h. Data Processing	372,327	371,300	371,300		
i. Other					
Total Contractual Services	6,124,710	6,005,009	6,024,509	19,500	0.32%
C. COMMODITIES (Schedule C)					
a. Maintenance & Construction Materials & Supplies	256,993	271,470	271,470		
b. Printing & Office Supplies & Materials	69,709	73,636	73,636		
c. Equipment, Repair Parts, Supplies & Accessories	573,448	605,752	605,752		
d. Professional & Scientific Supplies & Materials	447,039	472,222	484,222	12,000	2.54%
e. Other Supplies & Materials	2,216,026	2,340,862	2,354,862	14,000	0.60%
Total Commodities	3,563,215	3,763,942	3,789,942	26,000	0.69%
D. CAPITAL OUTLAY					
1. Total Other Than Equipment (Schedule D-1)	32,504				
2. Equipment (Schedule D-2)					
b. Road Machinery, Farm & Other Working Equipment	464,107				
c. Office Machines, Furniture, Fixtures & Equipment	1,000				
d. IS Equipment (Data Processing & Telecommunications)	38,539				
e. Equipment - Lease Purchase					
f. Other Equipment	93,320	10,504	10,504		
Total Equipment (Schedule D-2)	596,966	10,504	10,504		
3. Vehicles (Schedule D-3)					
4. Wireless Comm. Devices (Schedule D-4)					
E. SUBSIDIES, LOANS & GRANTS (Schedule E)					
TOTAL EXPENDITURES	30,621,468	31,963,461	34,198,682	2,235,221	6.99%
II. BUDGET TO BE FUNDED AS FOLLOWS:					
Cash Balance-Unencumbered					
General Fund Appropriation (Enter General Fund Lapse Below)	21,403,368	21,871,032	24,106,253	2,235,221	10.22%
State Support Special Funds	1,165,578	1,165,578	1,165,578		
Federal Funds _____ Other Special Funds (Specify) _____	4,790,394	4,729,610	4,729,610		
Sales and Services	3,262,128	4,197,241	4,197,241		
Less: Estimated Cash Available Next Fiscal Period					
TOTAL FUNDS (equals Total Expenditures above)	30,621,468	31,963,461	34,198,682	2,235,221	6.99%
GENERAL FUND LAPSE					
III: PERSONNEL DATA					
Number of Positions Authorized in Appropriation Bill	a.) Perm Full	273	273	300	27
	b.) Perm Part				
	c.) T-L Full				
	d.) T-L Part				
Average Annual Vacancy Rate (Percentage)	a.) Perm Full	0.06	0.06	0.06	
	b.) Perm Part				
	c.) T-L Full				
	d.) T-L Part				

Approved by: Board of Trustees: John Pearce
Official of Board or Commission
Budget Officer: Don Zant/Anne Cook / anne.cook@msstate.edu

Submitted by: Dr. Keenum : Dr. Hopper
Phone Number: 662.325.8104

Date : 7/27/2018 3:03 PM
Title : President : Director

REQUEST BY FUNDING SOURCE

Name of Agency : MS State Univ - Agricultural & Forestry Experiment Station

Specify Funding Sources As Shown Below	FY 2018 Actual Amount	% of Line Item	% of Total Budget	FY 2019 Estimated Amount	% of Line Item	% of Total Budget	FY 2020 Requested Amount	% of Line Item	% of Total Budget
1. General _____ State Support Special (Specify) _____	14,282,370	71.02%		15,496,870	70.83%		17,629,079	73.42%	
2. Budget Contingency Fund									
3. Education Enhancement Fund									
4. Health Care Expendable Fund									
5. Tobacco Control Fund									
6. Capital Expense Fund									
7. Working Cash Stabilization Reserve Fund									
8. Federal _____ Other Special (Specify) _____	3,686,563	18.33%		3,639,787	16.64%		3,639,787	15.16%	
9. Sales and Services	2,142,484	10.65%		2,740,854	12.53%		2,740,854	11.42%	
10.									
11.									
12.									
Total Salaries	20,111,417		65.68%	21,877,511		68.45%	24,009,720		70.21%
1. General _____ State Support Special (Specify) _____	55,558	28.84%		135,369	44.17%		192,881	52.99%	
2. Budget Contingency Fund									
3. Education Enhancement Fund	22,726	11.80%		35,457	11.57%		35,457	9.74%	
4. Health Care Expendable Fund									
5. Tobacco Control Fund									
6. Capital Expense Fund									
7. Working Cash Stabilization Reserve Fund									
8. Federal _____ Other Special (Specify) _____	92,541	48.03%		91,367	29.81%		91,367	25.10%	
9. Sales and Services	21,831	11.33%		44,302	14.45%		44,302	12.17%	
10.									
11.									
12.									
Total Travel	192,656		0.63%	306,495		0.96%	364,007		1.06%
1. General _____ State Support Special (Specify) _____	4,447,341	72.61%		4,184,795	69.69%		4,204,295	69.79%	
2. Budget Contingency Fund									
3. Education Enhancement Fund	722,511	11.80%		694,689	11.57%		694,689	11.53%	
4. Health Care Expendable Fund									
5. Tobacco Control Fund									
6. Capital Expense Fund									
7. Working Cash Stabilization Reserve Fund									
8. Federal _____ Other Special (Specify) _____	260,821	4.26%		257,511	4.29%		257,511	4.27%	
9. Sales and Services	694,037	11.33%		868,014	14.45%		868,014	14.41%	
10.									
11.									
12.									
Total Contractual	6,124,710		20.00%	6,005,009		18.79%	6,024,509		17.62%
1. General _____ State Support Special (Specify) _____	1,988,629	55.81%		2,043,494	54.29%		2,069,494	54.60%	
2. Budget Contingency Fund									
3. Education Enhancement Fund	420,341	11.80%		435,432	11.57%		435,432	11.49%	
4. Health Care Expendable Fund									
5. Tobacco Control Fund									
6. Capital Expense Fund									
7. Working Cash Stabilization Reserve Fund									
8. Federal _____ Other Special (Specify) _____	750,469	21.06%		740,945	19.69%		740,945	19.55%	
9. Sales and Services	403,776	11.33%		544,071	14.45%		544,071	14.36%	
10.									
11.									
12.									
Total Commodities	3,563,215		11.64%	3,763,942		11.78%	3,789,942		11.08%

REQUEST BY FUNDING SOURCE

Name of Agency : MS State Univ - Agricultural & Forestry Experiment Station

Specify Funding Sources As Shown Below	FY 2018 Actual Amount	% of Line Item	% of Total Budget	FY 2019 Estimated Amount	% of Line Item	% of Total Budget	FY 2020 Requested Amount	% of Line Item	% of Total Budget
1. General _____ State Support Special (Specify) _____	32,504	100.00							
2. Budget Contingency Fund									
3. Education Enhancement Fund									
4. Health Care Expendable Fund									
5. Tobacco Control Fund									
6. Capital Expense Fund									
7. Working Cash Stabilization Reserve Fund									
8. Federal _____ Other Special (Specify) _____									
9. Sales and Services									
10.									
11.									
12.									
Total Capital Other Than Equipment	32,504		0.11%						
1. General _____ State Support Special (Specify) _____	596,966	100.00		10,504	100.00		10,504	100.00	
2. Budget Contingency Fund									
3. Education Enhancement Fund									
4. Health Care Expendable Fund									
5. Tobacco Control Fund									
6. Capital Expense Fund									
7. Working Cash Stabilization Reserve Fund									
8. Federal _____ Other Special (Specify) _____									
9. Sales and Services									
10.									
11.									
12.									
Total Capital Equipment	596,966		1.95%	10,504		0.03%	10,504		0.03%
1. General _____ State Support Special (Specify) _____									
2. Budget Contingency Fund									
3. Education Enhancement Fund									
4. Health Care Expendable Fund									
5. Tobacco Control Fund									
6. Capital Expense Fund									
7. Working Cash Stabilization Reserve Fund									
8. Federal _____ Other Special (Specify) _____									
9. Sales and Services									
10.									
11.									
12.									
Total Vehicles									
1. General _____ State Support Special (Specify) _____									
2. Budget Contingency Fund									
3. Education Enhancement Fund									
4. Health Care Expendable Fund									
5. Tobacco Control Fund									
6. Capital Expense Fund									
7. Working Cash Stabilization Reserve Fund									
8. Federal _____ Other Special (Specify) _____									
9. Sales and Services									
10.									
11.									
12.									
Total Wireless Communication Devs.									

REQUEST BY FUNDING SOURCE

Name of Agency : MS State Univ - Agricultural & Forestry Experiment Station

Specify Funding Sources As Shown Below	FY 2018 Actual Amount	% of Line Item	% of Total Budget	FY 2019 Estimated Amount	% of Line Item	% of Total Budget	FY 2020 Requested Amount	% of Line Item	% of Total Budget
1. General _____ State Support Special (Specify) _____									
2. Budget Contingency Fund									
3. Education Enhancement Fund									
4. Health Care Expendable Fund									
5. Tobacco Control Fund									
6. Capital Expense Fund									
7. Working Cash Stabilization Reserve Fund									
8. Federal _____ Other Special (Specify) _____									
9. Sales and Services									
10.									
11.									
12.									
Total Subsidies									
1. General _____ State Support Special (Specify) _____	21,403,368	69.90%		21,871,032	68.43%		24,106,253	70.49%	
2. Budget Contingency Fund									
3. Education Enhancement Fund	1,165,578	3.81%		1,165,578	3.65%		1,165,578	3.41%	
4. Health Care Expendable Fund									
5. Tobacco Control Fund									
6. Capital Expense Fund									
7. Working Cash Stabilization Reserve Fund									
8. Federal _____ Other Special (Specify) _____	4,790,394	15.64%		4,729,610	14.80%		4,729,610	13.83%	
9. Sales and Services	3,262,128	10.65%		4,197,241	13.13%		4,197,241	12.27%	
10.									
11.									
12.									
TOTAL	30,621,468		100.00%	31,963,461		100.00%	34,198,682		100.00%

SPECIAL FUNDS DETAIL

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

S. STATE SUPPORT SPECIAL FUNDS		(1) Actual Revenues FY 2018	(2) Estimated Revenues FY 2019	(3) Requested Revenues FY 2020
Source (Fund Number)	Detailed Description of Source			
Budget Contingency Fund	BCR - Budget Contingency Fund			
Education Enhancement Fund	EEF - Education Enhancement Fund	1,165,578	1,165,578	1,165,578
Health Care Expendable Fund	HCEF - Health Care Expendable Fund			
Tobacco Control Fund	TCF - Tobacco Control Fund			
Capital Expense Fund	CEF - Capital Expense Fund			
Working Cash Stabilization Reserve Fund	WCSSF - Working Cash Stabilization Reserve Fund			
State Support Special Fund TOTAL		1,165,578	1,165,578	1,165,578
STATE SUPPORT SPECIAL FUND LAPSE				

A. FEDERAL FUNDS *	Source (Fund Number)	Detailed Description of Source	Percentage Match Requirement		(1) Actual Revenues FY 2018	(2) Estimated Revenues FY 2019	(3) Requested Revenues FY 2020
			FY 2019	FY 2020			
		Cash Balance-Unencumbered					
	Hatch (Regular) ()		100.00	100.00	4,310,274	3,647,401	3,647,401
	Hatch (Multistate) ()		110.00	110.00	415,927	1,018,248	1,018,248
	Animal Health ()				64,193	63,961	63,961
Federal Fund TOTAL					4,790,394	4,729,610	4,729,610

B. OTHER SPECIAL FUNDS (NON-FED'L)		(1) Actual Revenues FY 2018	(2) Estimated Revenues FY 2019	(3) Requested Revenues FY 2020
Source (Fund Number)	Detailed Description of Source			
	Cash Balance-Unencumbered			
	Sales and Services ()	3,262,128	4,197,241	4,197,241
Other Special Fund TOTAL		3,262,128	4,197,241	4,197,241

SECTIONS S + A + B TOTAL	9,218,100	10,092,429	10,092,429
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C. TREASURY FUND/BANK ACCOUNTS *			(1) Reconciled Balance as of 6/30/18	(2) Balance as of 6/30/19	(3) Balance as of 6/30/20
Name of Fund/Account	Fund/Account Number	Name of Bank (If Applicable)			

* Any non-federal funds that have restricted uses must be identified and narrative of restrictions attached.

**NARRATIVE OF SPECIAL FUNDS DETAIL AND TREASURY
FUND/BANK ACCOUNTS**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

STATE SUPPORT SPECIAL FUNDS

Education Enhancement funds are authorized by Mississippi Code §37-61-33 (see also Sections 27-65-75(7) and (8) and 27-67-31(a) and (b) defining the revenue source of Education Enhancement funds) and are used for general support of the MAFES research mission.

FEDERAL FUNDS

MAFES receives three federal funds sources (known as Capacity Grants) as follows:

Hatch Regular Funds: Hatch Regular Funds are allocated by formula to all 50 states and are to promote the efficient production, marketing, distribution, and utilization of products of the farm as essential to the health and welfare of our peoples and to promote a sound and prosperous agriculture and rural life as indispensable to the maintenance of maximum employment and national prosperity and security.

Hatch Multistate Funds: Hatch Multistate Funds are a subset of Hatch funding intended to conduct research by institutions within a State and by institutions in multiple States to solve problems that concern more than one State. The agricultural focus of the research is the same as the Hatch Regular Funds above.

Animal Health Funds: By formula, MAFES is awarded funds to conduct animal health and disease research in accordance with NARETPA section 1433(c).

OTHER SPECIAL FUNDS

MAFES Sales and Services represent the sale of byproducts from research activity. Also included here is expenditure authority in excess of anticipated expenditures as required by IHL.

TREASURY FUND / BANK

CONTINUATION AND EXPANDED TOTAL REQUEST

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

SUMMARY OF ALL PROGRAMS

Name of Agency

Program

	FY 2018 Actual				
	(1) General	(2) State Support Special	(3) Federal	(4) Other Special	(5) Total
Salaries,Wages & Fringe	14,282,370		3,686,563	2,142,484	20,111,417
Travel	55,558	22,726	92,541	21,831	192,656
Contractual Services	4,447,341	722,511	260,821	694,037	6,124,710
Commodities	1,988,629	420,341	750,469	403,776	3,563,215
Other Than Equipment	32,504				32,504
Equipment	596,966				596,966
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	21,403,368	1,165,578	4,790,394	3,262,128	30,621,468
No. of Positions (FTE)	193.40		50.04	29.56	273.00

	FY 2019 Estimated				
	(6) General	(7) State Support Special	(8) Federal	(9) Other Special	(10) Total
Salaries,Wages & Fringe	15,496,870		3,639,787	2,740,854	21,877,511
Travel	135,369	35,457	91,367	44,302	306,495
Contractual Services	4,184,795	694,689	257,511	868,014	6,005,009
Commodities	2,043,494	435,432	740,945	544,071	3,763,942
Other Than Equipment					
Equipment	10,504				10,504
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	21,871,032	1,165,578	4,729,610	4,197,241	31,963,461
No. of Positions (FTE)	192.89		45.42	34.69	273.00

	FY 2020 Increase/Decrease for Continuation				
	(11) General	(12) State Support Special	(13) Federal	(14) Other Special	(15) Total
Salaries,Wages & Fringe	2,132,209				2,132,209
Travel	57,512				57,512
Contractual Services	19,500				19,500
Commodities	26,000				26,000
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	2,235,221				2,235,221
No. of Positions (FTE)	26.50				26.50

Note: FY2020 Total Request = FY2019 Estimated + FY2020 Incr(Decr) for Continuation + FY2020 Expansion/Reduction of Existing Activities + FY2020 New Activities.

CONTINUATION AND EXPANDED TOTAL REQUEST

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

SUMMARY OF ALL PROGRAMS

Name of Agency	FY 2020 Expansion/Reduction of Existing Activities				
	(16) General	(17) State Support Special	(18) Federal	(19) Other Special	(20) Total
Salaries,Wages & Fringe					
Travel					
Contractual Services					
Commodities					
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total					
No. of Positions (FTE)					

	FY 2020 New Activities (*)				
	(21) General	(22) State Support Special	(23) Federal	(24) Other Special	(25) Total
Salaries,Wages & Fringe					
Travel					
Contractual Services					
Commodities					
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total					
No. of Positions (FTE)					

	FY 2020 Total Request				
	(26) General	(27) State Support Special	(28) Federal	(29) Other Special	(30) Total
Salaries,Wages & Fringe	17,629,079		3,639,787	2,740,854	24,009,720
Travel	192,881	35,457	91,367	44,302	364,007
Contractual Services	4,204,295	694,689	257,511	868,014	6,024,509
Commodities	2,069,494	435,432	740,945	544,071	3,789,942
Other Than Equipment					
Equipment	10,504				10,504
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	24,106,253	1,165,578	4,729,610	4,197,241	34,198,682
No. of Positions (FTE)	219.39		45.42	34.69	299.50

Note: FY2020 Total Request = FY2019 Estimated + FY2020 Incr(Decr) for Continuation + FY2020 Expansion/Reduction of Existing Activities + FY2020 New Activities.

**SUMMARY OF PROGRAMS
FORM MBR-1-03sum**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

FUNDING REQUESTED FISCAL YEAR 2020

	PROGRAM	GENERAL	ST. SUPP. SPECIAL	FEDERAL	OTHER SPECIAL	TOTAL
1.	Plant Systems	13,509,700	725,123	2,487,233	2,274,906	18,996,962
2.	Animal Systems	5,185,539	248,334	1,094,369	932,652	7,460,894
3.	Health And Sustainable Communities	5,411,014	192,121	1,148,008	989,683	7,740,826
	Summary of All Programs	24,106,253	1,165,578	4,729,610	4,197,241	34,198,682

CONTINUATION AND EXPANDED REQUEST

Program 1 of 3

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Plant Systems

Name of Agency	FY 2018 Actual				
	(1)	(2)	(3)	(4)	(5)
	General	State Support Special	Federal	Other Special	Total
Salaries,Wages & Fringe	7,662,158		1,826,425	475,164	9,963,747
Travel	9,466	3,873	15,769	3,720	32,828
Contractual Services	2,876,155	467,257	168,676	448,843	3,960,931
Commodities	1,257,725	265,848	474,640	255,371	2,253,584
Other Than Equipment	23,437				23,437
Equipment	382,609				382,609
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	12,211,550	736,978	2,485,510	1,183,098	16,617,136
No. of Positions (FTE)	109.01		25.98	6.76	141.75

Name of Agency	FY 2019 Estimated				
	(6)	(7)	(8)	(9)	(10)
	General	State Support Special	Federal	Other Special	Total
Salaries,Wages & Fringe	7,731,179		1,839,426	1,485,543	11,056,148
Travel	24,542	9,583	24,691	24,012	82,828
Contractual Services	2,778,248	446,652	165,567	470,464	3,860,931
Commodities	1,302,987	268,888	457,549	294,887	2,324,311
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	11,836,956	725,123	2,487,233	2,274,906	17,324,218
No. of Positions (FTE)	110.14		26.20	21.16	157.50

Name of Agency	FY 2020 Increase/Decrease for Continuation				
	(11)	(12)	(13)	(14)	(15)
	General	State Support Special	Federal	Other Special	Total
Salaries,Wages & Fringe	1,595,232				1,595,232
Travel	42,512				42,512
Contractual Services	15,000				15,000
Commodities	20,000				20,000
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	1,672,744				1,672,744
No. of Positions (FTE)	20.00				20.00

Note: FY2020 Total Request = FY2019 Estimated + FY2020 Incr(Decr) for Continuation + FY2020 Expansion/Reduction of Existing Activities + FY2020 New Activities.

CONTINUATION AND EXPANDED REQUEST

Program 1 of 3

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Plant Systems

Name of Agency

Program

	FY 2020 Expansion/Reduction of Existing Activities				
	(16) General	(17) State Support Special	(18) Federal	(19) Other Special	(20) Total
Salaries,Wages & Fringe					
Travel					
Contractual Services					
Commodities					
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total					
No. of Positions (FTE)					

	FY 2020 New Activities (*)				
	(21) General	(22) State Support Special	(23) Federal	(24) Other Special	(25) Total
Salaries,Wages & Fringe					
Travel					
Contractual Services					
Commodities					
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total					
No. of Positions (FTE)					

	FY 2020 Total Request				
	(26) General	(27) State Support Special	(28) Federal	(29) Other Special	(30) Total
Salaries,Wages & Fringe	9,326,411		1,839,426	1,485,543	12,651,380
Travel	67,054	9,583	24,691	24,012	125,340
Contractual Services	2,793,248	446,652	165,567	470,464	3,875,931
Commodities	1,322,987	268,888	457,549	294,887	2,344,311
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	13,509,700	725,123	2,487,233	2,274,906	18,996,962
No. of Positions (FTE)	130.14		26.20	21.16	177.50

Note: FY2020 Total Request = FY2019 Estimated + FY2020 Incr(Decr) for Continuation + FY2020 Expansion/Reduction of Existing Activities + FY2020 New Activities.

CONTINUATION AND EXPANDED REQUEST

Program 2 of 3
Animal Systems

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency	FY 2018 Actual				
	(1)	(2)	(3)	(4)	(5)
	General	State Support Special	Federal	Other Special	Total
Salaries,Wages & Fringe	2,581,284		817,612	1,061,445	4,460,341
Travel	16,504	6,751	27,490	6,485	57,230
Contractual Services	783,315	127,257	45,939	122,242	1,078,753
Commodities	505,283	106,803	190,684	102,594	905,364
Other Than Equipment	9,067				9,067
Equipment	99,645				99,645
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	3,995,098	240,811	1,081,725	1,292,766	6,610,400
No. of Positions (FTE)	38.84		12.30	15.97	67.11

Name of Agency	FY 2019 Estimated				
	(6)	(7)	(8)	(9)	(10)
	General	State Support Special	Federal	Other Special	Total
Salaries,Wages & Fringe	3,522,289		824,507	609,034	4,955,830
Travel	50,085	11,826	30,475	9,844	102,230
Contractual Services	698,243	122,516	45,415	192,878	1,059,052
Commodities	556,504	113,992	193,972	120,896	985,364
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	4,827,121	248,334	1,094,369	932,652	7,102,476
No. of Positions (FTE)	44.85		10.50	7.76	63.11

Name of Agency	FY 2020 Increase/Decrease for Continuation				
	(11)	(12)	(13)	(14)	(15)
	General	State Support Special	Federal	Other Special	Total
Salaries,Wages & Fringe	341,418				341,418
Travel	10,000				10,000
Contractual Services	3,000				3,000
Commodities	4,000				4,000
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	358,418				358,418
No. of Positions (FTE)	4.50				4.50

Note: FY2020 Total Request = FY2019 Estimated + FY2020 Incr(Decr) for Continuation + FY2020 Expansion/Reduction of Existing Activities + FY2020 New Activities.

CONTINUATION AND EXPANDED REQUEST

Program 2 of 3
Animal Systems

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

	FY 2020 Expansion/Reduction of Existing Activities				
	(16) General	(17) State Support Special	(18) Federal	(19) Other Special	(20) Total
Salaries,Wages & Fringe					
Travel					
Contractual Services					
Commodities					
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total					
No. of Positions (FTE)					

	FY 2020 New Activities (*)				
	(21) General	(22) State Support Special	(23) Federal	(24) Other Special	(25) Total
Salaries,Wages & Fringe					
Travel					
Contractual Services					
Commodities					
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total					
No. of Positions (FTE)					

	FY 2020 Total Request				
	(26) General	(27) State Support Special	(28) Federal	(29) Other Special	(30) Total
Salaries,Wages & Fringe	3,863,707		824,507	609,034	5,297,248
Travel	60,085	11,826	30,475	9,844	112,230
Contractual Services	701,243	122,516	45,415	192,878	1,062,052
Commodities	560,504	113,992	193,972	120,896	989,364
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	5,185,539	248,334	1,094,369	932,652	7,460,894
No. of Positions (FTE)	49.35		10.50	7.76	67.61

Note: FY2020 Total Request = FY2019 Estimated + FY2020 Incr(Decr) for Continuation + FY2020 Expansion/Reduction of Existing Activities + FY2020 New Activities.

CONTINUATION AND EXPANDED REQUEST

Program 3 of 3

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Health And Sustainable Communities

Name of Agency

Program

	FY 2018 Actual				
	(1) General	(2) State Support Special	(3) Federal	(4) Other Special	(5) Total
Salaries,Wages & Fringe	4,038,928		1,042,526	605,875	5,687,329
Travel	29,588	12,102	49,282	11,626	102,598
Contractual Services	787,871	127,997	46,206	122,952	1,085,026
Commodities	225,621	47,690	85,145	45,811	404,267
Other Than Equipment					
Equipment	114,712				114,712
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	5,196,720	187,789	1,223,159	786,264	7,393,932
No. of Positions (FTE)	45.55		11.76	6.83	64.14

	FY 2019 Estimated				
	(6) General	(7) State Support Special	(8) Federal	(9) Other Special	(10) Total
Salaries,Wages & Fringe	4,243,402		975,854	646,277	5,865,533
Travel	60,742	14,048	36,201	10,446	121,437
Contractual Services	708,304	125,521	46,529	204,672	1,085,026
Commodities	184,003	52,552	89,424	128,288	454,267
Other Than Equipment					
Equipment	10,504				10,504
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	5,206,955	192,121	1,148,008	989,683	7,536,767
No. of Positions (FTE)	37.90		8.72	5.77	52.39

	FY 2020 Increase/Decrease for Continuation				
	(11) General	(12) State Support Special	(13) Federal	(14) Other Special	(15) Total
Salaries,Wages & Fringe	195,559				195,559
Travel	5,000				5,000
Contractual Services	1,500				1,500
Commodities	2,000				2,000
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	204,059				204,059
No. of Positions (FTE)	2.00				2.00

Note: FY2020 Total Request = FY2019 Estimated + FY2020 Incr(Decr) for Continuation + FY2020 Expansion/Reduction of Existing Activities + FY2020 New Activities.

CONTINUATION AND EXPANDED REQUEST

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Health And Sustainable Communities

Name of Agency

Program

	FY 2020 Expansion/Reduction of Existing Activities				
	(16) General	(17) State Support Special	(18) Federal	(19) Other Special	(20) Total
Salaries,Wages & Fringe					
Travel					
Contractual Services					
Commodities					
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total					
No. of Positions (FTE)					

	FY 2020 New Activities (*)				
	(21) General	(22) State Support Special	(23) Federal	(24) Other Special	(25) Total
Salaries,Wages & Fringe					
Travel					
Contractual Services					
Commodities					
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total					
No. of Positions (FTE)					

	FY 2020 Total Request				
	(26) General	(27) State Support Special	(28) Federal	(29) Other Special	(30) Total
Salaries,Wages & Fringe	4,438,961		975,854	646,277	6,061,092
Travel	65,742	14,048	36,201	10,446	126,437
Contractual Services	709,804	125,521	46,529	204,672	1,086,526
Commodities	186,003	52,552	89,424	128,288	456,267
Other Than Equipment					
Equipment	10,504				10,504
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
Total	5,411,014	192,121	1,148,008	989,683	7,740,826
No. of Positions (FTE)	39.90		8.72	5.77	54.39

Note: FY2020 Total Request = FY2019 Estimated + FY2020 Incr(Decr) for Continuation + FY2020 Expansion/Reduction of Existing Activities + FY2020 New Activities.

PROGRAM DECISION UNITS

MS State Univ - Agricultural & Forestry Experiment Station

1 - Plant Systems

Name of Agency	Program Name							
	A	B	C	D	E	F	G	H
EXPENDITURES	FY 2019 Appropriated	Escalations By DFA	Non-Recurring Items	Recover FY2016	PERS Increase	Health Plan Increase	Total Funding Change	FY 2020 Total Request
SALARIES	11,056,148			1,421,340	163,014	10,878	1,595,232	12,651,380
GENERAL	7,731,179			1,421,340	163,014	10,878	1,595,232	9,326,411
ST. SUP. SPECIAL								
FEDERAL	1,839,426							1,839,426
OTHER	1,485,543							1,485,543
TRAVEL	82,828			42,512			42,512	125,340
GENERAL	24,542			42,512			42,512	67,054
ST. SUP. SPECIAL	9,583							9,583
FEDERAL	24,691							24,691
OTHER	24,012							24,012
CONTRACTUAL	3,860,931			15,000			15,000	3,875,931
GENERAL	2,778,248			15,000			15,000	2,793,248
ST. SUP. SPECIAL	446,652							446,652
FEDERAL	165,567							165,567
OTHER	470,464							470,464
COMMODITIES	2,324,311			20,000			20,000	2,344,311
GENERAL	1,302,987			20,000			20,000	1,322,987
ST. SUP. SPECIAL	268,888							268,888
FEDERAL	457,549							457,549
OTHER	294,887							294,887
CAPTITAL-OTE								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
EQUIPMENT								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
VEHICLES								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
WIRELESS DEV								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
SUBSIDIES								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
TOTAL	17,324,218			1,498,852	163,014	10,878	1,672,744	18,996,962

FUNDING

GENERAL FUNDS	11,836,956			1,498,852	163,014	10,878	1,672,744	13,509,700
ST. SUP. SPCL FUNDS	725,123							725,123
FEDERAL FUNDS	2,487,233							2,487,233
OTHER SP. FUNDS	2,274,906							2,274,906
TOTAL	17,324,218			1,498,852	163,014	10,878	1,672,744	18,996,962

POSITIONS

GENERAL FTE	110.14			20.00			20.00	130.14
ST. SUP. SPCL. FTE								
FEDERAL FTE	26.20							26.20
OTHER SP. FTE	21.16							21.16
TOTAL	157.50			20.00			20.00	177.50

PRIORITY LEVEL :

				1	1	1		
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PROGRAM DECISION UNITS

EXPENDITURES							
SALARIES							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
TRAVEL							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
CONTRACTUAL							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
COMMODITIES							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
CAPTITAL-OTE							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
EQUIPMENT							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
VEHICLES							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
WIRELESS DEV							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
SUBSIDIES							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
TOTAL							

FUNDING

GENERAL FUNDS							
ST. SUP. SPCL FUNDS							
FEDERAL FUNDS							
OTHER SP. FUNDS							
TOTAL							

POSITIONS

GENERAL FTE							
ST. SUP. SPCL. FTE							
FEDERAL FTE							
OTHER SP. FTE							
TOTAL							

PRIORITY LEVEL :

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PROGRAM DECISION UNITS

MS State Univ - Agricultural & Forestry Experiment Station

2 - Animal Systems

Name of Agency	Program Name							
	A	B	C	D	E	F	G	H
EXPENDITURES	FY 2019 Appropriated	Escalations By DFA	Non-Recurring Items	Recover FY2016	PERS increase	Health Plan Increase	Total Funding Change	FY 2020 Total Request
SALARIES	4,955,830			281,455	56,212	3,751	341,418	5,297,248
GENERAL	3,522,289			281,455	56,212	3,751	341,418	3,863,707
ST. SUP. SPECIAL								
FEDERAL	824,507							824,507
OTHER	609,034							609,034
TRAVEL	102,230			10,000			10,000	112,230
GENERAL	50,085			10,000			10,000	60,085
ST. SUP. SPECIAL	11,826							11,826
FEDERAL	30,475							30,475
OTHER	9,844							9,844
CONTRACTUAL	1,059,052			3,000			3,000	1,062,052
GENERAL	698,243			3,000			3,000	701,243
ST. SUP. SPECIAL	122,516							122,516
FEDERAL	45,415							45,415
OTHER	192,878							192,878
COMMODITIES	985,364			4,000			4,000	989,364
GENERAL	556,504			4,000			4,000	560,504
ST. SUP. SPECIAL	113,992							113,992
FEDERAL	193,972							193,972
OTHER	120,896							120,896
CAPTITAL-OTE								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
EQUIPMENT								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
VEHICLES								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
WIRELESS DEV								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
SUBSIDIES								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
TOTAL	7,102,476			298,455	56,212	3,751	358,418	7,460,894
FUNDING								
GENERAL FUNDS	4,827,121			298,455	56,212	3,751	358,418	5,185,539
ST. SUP. SPCL FUNDS	248,334							248,334
FEDERAL FUNDS	1,094,369							1,094,369
OTHER SP. FUNDS	932,652							932,652
TOTAL	7,102,476			298,455	56,212	3,751	358,418	7,460,894
POSITIONS								
GENERAL FTE	44.85			4.50			4.50	49.35
ST. SUP. SPCL. FTE								
FEDERAL FTE	10.50							10.50
OTHER SP. FTE	7.76							7.76
TOTAL	63.11			4.50			4.50	67.61
PRIORITY LEVEL :								
				1	1	1		

PROGRAM DECISION UNITS

EXPENDITURES							
SALARIES							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
TRAVEL							
GENERAL							
ST. SUP.SPECIAL							
FEDERAL							
OTHER							
CONTRACTUAL							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
COMMODITIES							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
CAPTITAL-OTE							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
EQUIPMENT							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
VEHICLES							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
WIRELESS DEV							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
SUBSIDIES							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
TOTAL							

FUNDING

GENERAL FUNDS							
ST. SUP .SPCL FUNDS							
FEDERAL FUNDS							
OTHER SP. FUNDS							
TOTAL							

POSITIONS

GENERAL FTE							
ST. SUP. SPCL. FTE							
FEDERAL FTE							
OTHER SP. FTE							
TOTAL							

PRIORITY LEVEL :

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PROGRAM DECISION UNITS

MS State Univ - Agricultural & Forestry Experiment Station

3 - Health And Sustainable Communities

Name of Agency	Program Name							
	A	B	C	D	E	F	G	H
EXPENDITURES	FY 2019 Appropriated	Escalations By DFA	Non-Recurring Items	Recover FY2016	PERS Increase	Health Plan Increase	Total Funding Change	FY 2020 Total Request
SALARIES	5,865,533			129,600	61,833	4,126	195,559	6,061,092
GENERAL	4,243,402			129,600	61,833	4,126	195,559	4,438,961
ST. SUP. SPECIAL								
FEDERAL	975,854							975,854
OTHER	646,277							646,277
TRAVEL	121,437			5,000			5,000	126,437
GENERAL	60,742			5,000			5,000	65,742
ST. SUP. SPECIAL	14,048							14,048
FEDERAL	36,201							36,201
OTHER	10,446							10,446
CONTRACTUAL	1,085,026			1,500			1,500	1,086,526
GENERAL	708,304			1,500			1,500	709,804
ST. SUP. SPECIAL	125,521							125,521
FEDERAL	46,529							46,529
OTHER	204,672							204,672
COMMODITIES	454,267			2,000			2,000	456,267
GENERAL	184,003			2,000			2,000	186,003
ST. SUP. SPECIAL	52,552							52,552
FEDERAL	89,424							89,424
OTHER	128,288							128,288
CAPTITAL-OTE								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
EQUIPMENT	10,504							10,504
GENERAL	10,504							10,504
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
VEHICLES								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
WIRELESS DEV								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
SUBSIDIES								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
TOTAL	7,536,767			138,100	61,833	4,126	204,059	7,740,826
FUNDING								
GENERAL FUNDS	5,206,955			138,100	61,833	4,126	204,059	5,411,014
ST. SUP. SPCL FUNDS	192,121							192,121
FEDERAL FUNDS	1,148,008							1,148,008
OTHER SP. FUNDS	989,683							989,683
TOTAL	7,536,767			138,100	61,833	4,126	204,059	7,740,826
POSITIONS								
GENERAL FTE	37.90			2.00			2.00	39.90
ST. SUP. SPCL. FTE								
FEDERAL FTE	8.72							8.72
OTHER SP. FTE	5.77							5.77
TOTAL	52.39			2.00			2.00	54.39
PRIORITY LEVEL :								
				1	1	1		

PROGRAM DECISION UNITS

EXPENDITURES							
SALARIES							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
TRAVEL							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
CONTRACTUAL							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
COMMODITIES							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
CAPTITAL-OTE							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
EQUIPMENT							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
VEHICLES							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
WIRELESS DEV							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
SUBSIDIES							
GENERAL							
ST. SUP. SPECIAL							
FEDERAL							
OTHER							
TOTAL							

FUNDING

GENERAL FUNDS							
ST. SUP. SPCL FUNDS							
FEDERAL FUNDS							
OTHER SP. FUNDS							
TOTAL							

POSITIONS

GENERAL FTE							
ST. SUP. SPCL. FTE							
FEDERAL FTE							
OTHER SP. FTE							
TOTAL							

PRIORITY LEVEL :

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PROGRAM NARRATIVE

Program Data Collected in Accordance with the Mississippi Performance Budget and Strategic Planning Act of 1994
(To Accompany Form MBR-1-03)

MS State Univ - Agricultural & Forestry Experiment Station

1 - Plant Systems

Name of Agency

Program Name

I. Program Description:

Mississippi farmers manage 10.7 million acres of farmland across 36,200 farms, producing plant-based food and fiber crops with a farm gate value of \$2.8 billion. In 2017, the top 4 row crops (soybeans, corn, cotton, and sweet potatoes) alone had a production value over \$2.1 billion. Investments in agricultural research have produced astounding gains in efficiency and yield, making the U.S. agricultural system among the most productive in the world. However, new challenges continually confront producers necessitating both responsive and preemptive research programs to maintain competitive and profitable production systems. Technological capabilities in molecular methods, proteomics, and genomics provide researchers an arsenal of tools against pathogens, viruses, parasites, and fungi that weaken plants, rob yield, and compromise food quality and safety. Marker-assisted breeding programs may provide the drought and heat tolerant crops needed to face future climate uncertainty. Sophisticated watershed modeling tools coupled with engineered water delivery systems and irrigation scheduling tools can help producers more efficiently conserve increasingly scarce water resources. Biotechnology has come to play a central role in agriculture, producing crops with desired qualities (herbicide tolerance, disease and pest resistance) and providing alternative uses of commodities (biofuels, pharmaceuticals, value-added products, etc).

PRODUCTION: Plants are essential to human diets and enliven and sustain the environment. Farmers are challenged with producing sufficient crops to meet growing consumer demand while maintaining the quality and quantity of resources for future generations. MAFES Scientists develop research-based technologies to help farmers increase productivity and production efficiency while practicing sustainable agriculture. Agronomic crops provide the food, feed grain, oil, and fiber for domestic consumption and are a major component of U.S. export trade. Horticultural plants, both ornamental and fruit and vegetable crops, offer variety to human diets and enhance the living environment.

PEST MANAGEMENT: Crop protection is essential for high-yield production. Diseases, parasites, pathogens, insects, and weeds can cause costly and irreparable harm to livestock and crops. Crop damage from pests results in vast economic consequences. They threaten the health of our nation's vital agricultural, natural lands, and urban areas. Methods to manage these problems include the use of pesticides or biological pest control. Integrated pest management (IPM) couples both methods and includes monitoring to reduce the overuse of pesticide applications. Research aims to develop and extend effective, affordable, and environmentally-sound control strategies.

BREEDING: Plant breeding — the science of maximizing plants' positive genetic traits to produce desirable effects — continues to open new frontiers in agricultural production. Advancements in plant genetics and genomics, when used in breeding, help support higher production and cultivation of crops resistant to pests, pathogens, and drought. Science must continue to advance to meet challenges created by evolving plant pests and pathogens, global climate change, and changing societal needs.

PLANT HEALTH: Healthy plants are able to grow and produce in the face of environmental stress, pests, and competition. The nation's food supply relies upon healthy, productive crops. A range of variables affect plant health, including the surrounding environment and the extent to which they are protected from pests and disease. Healthy plants are vital to sustainable and profitable crop production and to the quality and cost of the nation's supply of food, fuel, and fiber. Health is also critical to plants used for ornamentals, natural resources, and animal feed. Scientists are using innovative methods to breed more productive and nutritious crops. Advances in breeding and genetics are allowing farmers to grow plant varieties that are healthier and more resilient to drought and losses from pests and diseases.

Areas of focus will include development of production systems that optimize yield, energy efficiency, profitability, and environmental stewardship.

1. Commodity Cropping systems
2. Specialty Cropping systems
3. Fruits and Vegetables
4. Turf grass and Ornamentals
5. Climate Change Adaptation/Mitigation
6. Agricultural Policy, Economics and Risk Management
7. Biotechnology, Genomics, and Proteomics

II. Program Objective:

PROGRAM NARRATIVE

Program Data Collected in Accordance with the Mississippi Performance Budget and Strategic Planning Act of 1994
(To Accompany Form MBR-1-03)

1. To increase the global competitiveness of the Mississippi plant production systems
2. To make advances in plant breeding, including new varieties and plant related commodities
3. To make advances in plant system productivity and production
4. To research and identify appropriate and safe use of pesticides
5. To identify threats from pests and diseases
6. To cultivate sustainable practices that protect the environment while fostering farm productivity
7. To recruit and educate a diverse set of individuals for careers as future scientists, professionals, and leaders who are well-trained in agricultural sciences

III. Current program activities as supported by the funding in Columns 6-15 (FY 2019 & FY 2020 Increase/Decrease for continuations) of MBR-1-03 and designated Budget Unit Decisions columns of MBR-1-03-A:

(D) Recover FY2016 Appropriations:

The MAFES request for FY 2020 includes recovering the funds lost since the original FY 2016 Appropriation. These funds are both programmatic and operational and support all aspects of the MAFES mission.

(E) PERS Increase:

This request will cover the employer share increase - 1.65% effective July 1, 2019 - in support of the Public Employees' Retirement System (PERS).

(F) Health Plan Increase:

This request will cover the balance (½) of the increase in the employer share premium of the State and School Employees Health Insurance Plan (from \$356 to \$375(\$19 per month)) that will take effect January 1, 2019.

PROGRAM NARRATIVE

Program Data Collected in Accordance with the Mississippi Performance Budget and Strategic Planning Act of 1994
(To Accompany Form MBR-1-03)

MS State Univ - Agricultural & Forestry Experiment Station

2 - Animal Systems

Name of Agency

Program Name

I. Program Description:

Efficient, science-based animal agriculture translates into affordable and high-quality food for the consumer. In 2017 Mississippi produced 746 million chicken broilers worth \$2.52 billion on 1,430 farms; 890,000 head of cattle worth \$285 million on 15,940 farms; \$181 million in catfish production on 155 operations; and 570,000 hogs worth \$117 million across 306 farms. The total farm gate value of animal production systems in Mississippi exceeded \$3.4 billion in 2017. Modern animal production systems provide unprecedented efficiency in producing high quality, nutritious, safe, and affordable meats, eggs, and dairy products to consumers throughout Mississippi, the nation, and the world. However, volatile feed and energy costs, emerging diseases, global markets, and regulatory constraints continually challenge Mississippi producers. Research conducted by MAFES on nutrition, forage management, animal health and welfare, physiology, herd genetics, animal performance, marketing, and enterprise economics help Mississippi producers to be profitable and competitive in a global economy while ensuring sound environmental stewardship.

PRODUCTION: Raising livestock and producing animal products is a multi-billion-dollar-per-year industry and a significant part of U.S. agriculture. Research activities evolve to address new challenges and opportunities brought about by rapidly advancing technologies, evolving consumer demand, and the need to improve environmental, human, and animal health and well-being. Animals and livestock contribute 40 percent of the global value of agricultural output, supply about 13 percent of energy and 28 percent of protein in diets consumed worldwide, and contribute to the livelihoods and food security of almost a billion people worldwide. Advances in animal breeding, genetics, and genomics are facilitating a more efficient industry and better livestock products. Technological advances and the development of science-based management practices and standards have enabled the United States to make vast strides in the efficient and economical generation of higher-quality animal foods and fiber products. A rapidly growing sector of agriculture, aquaculture is expected to provide almost two-thirds of the fish intended for global consumption by 2030. Interest in aquaculture production is on the rise because wild harvest of many seafood species is currently at or above maximum sustainable levels. Advancing the development of aquaculture presents one viable solution to this challenge, offering a wide range of benefits.

BREEDING: Animal breeding, genetics, and genomics is the branch of science concerned with maximizing desirable genetic traits, such as producing animals that have leaner meat. Animal geneticists have identified elements within genes that can enhance animal growth, health, and ability to utilize nutrients. These genetic advances can increase production while reducing environmental impacts.

HEALTH: Monitoring animal health and preventing animal disease outbreaks is vital to the economy and safety of the country's food supply. Production of healthy livestock helps to ensure a safe food supply and keep consumer prices stable. The health and quality of livestock is influenced by genetics, care, nutrition, and environment. The quality of animal products is affected by production methods and marketing practices. Scientists study the conditions in which animals are raised as well as how animal products are manufactured and marketed.

Animal-related programs which cover beef cattle, dairy cattle, poultry, and aquaculture employ multi-disciplinary approaches and the integration of research with our partners in education and extension. These activities are focused on approaches that are economically sound, socially acceptable, and environmentally sustainable. Our animal programs contain animal reproduction, nutrition, genetics, physiology, environmental stress, product quality, management, health, well-being, and security.

Areas of focus will include development of efficient, cost-effective, and humane animal production systems that optimize environmental stewardship.

1. Animal Nutrition
2. Herd, Flock, and Pond Management Systems
3. Reproductive and Stress Physiology
4. Animal Breeding and Genetics
5. Biotechnology and Genomics
6. Agricultural Policy, Economics, and Risk Management
7. Waste Management and Water Quality

II. Program Objective:

PROGRAM NARRATIVE

Program Data Collected in Accordance with the Mississippi Performance Budget and Strategic Planning Act of 1994
(To Accompany Form MBR-1-03)

1. To improve access to an affordable, healthful, and culturally relevant food supply
2. To improve livestock breeds by identifying and selecting for desirable traits
3. To identify animal diseases and lead efforts in determining response
4. To improve animal well-being
5. To increase farm productivity and profitability
6. To improve food safety by detecting and eliminating foodborne pathogens
7. To reduce environmental impacts
8. To enhance the production and efficiency of aquaculture operations

III. Current program activities as supported by the funding in Columns 6-15 (FY 2019 & FY 2020 Increase/Decrease for continuations) of MBR-1-03 and designated Budget Unit Decisions columns of MBR-1-03-A:

(D) Recover FY2016 Appropriations:

The MAFES request for FY 2020 includes recovering the funds lost since the original FY 2016 Appropriation. These funds are both programmatic and operational and support all aspects of the MAFES mission.

(E) PERS increase:

This request will cover the employer share increase - 1.65% effective July 1, 2019 - in support of the Public Employees' Retirement System (PERS). This brings the employer share from 15.75% to 17.4%.

(F) Health Plan Increase:

This request will cover the balance (½) of the increase in the employer share premium of the State and School Employees Health Insurance Plan (from \$356 to \$375(\$19 per month)) that will take effect January 1, 2019.

PROGRAM NARRATIVE

Program Data Collected in Accordance with the Mississippi Performance Budget and Strategic Planning Act of 1994
(To Accompany Form MBR-1-03)

MS State Univ - Agricultural & Forestry Experiment Station

3 - Health And Sustainable Communities

Name of Agency

Program Name

I. Program Description:

The capacity to learn and to contribute to society is traced directly to the quality of health and nutrition from prenatal status through adulthood. Assuring a healthy, well-nourished population requires continuing effort toward development of quality research information on nutrient function for maintenance of optimal health, understanding the availability and bioavailability of food for all population groups, especially those at greater risk for nutrition-related diseases, e.g., infants, elderly, new immigrant groups. Nutrition education can incorporate research information in a form that is appropriate to each of these segments of the population. Education should include knowledge of how to secure foods to provide adequate nutrition to families with a commitment to dietary guidelines. Healthy diets minimize illness and disease and reduce medical costs. Uses of foods to prevent diseases (e.g., functional foods) and the production of pharmaceuticals and nutraceuticals from plants are new areas within nutrition research that need to be targeted for support.

HEALTH: MAFES researches and disseminates findings to help Mississippians make informed choices. The overall health of Americans is threatened by growing obesity levels that lead to increased risk of heart disease, diabetes, stroke, and certain types of cancer.

NATURAL RESOURCES: Air, water, and soil are fundamental components of life, so abundant that people may take their existence for granted. However, understanding the full composition and functions of these elements continues to challenge scientists. The dynamics between these basic building blocks and the nation's forests, grasslands, and rangelands comprise delicate ecosystems critical to sustainable agriculture.

WATER: In the face of a rapidly rising population and agriculture's high demand, the nation is working to ensure future supplies of water are safe and abundant. Water quality is equally as important as quantity. MAFES scientists work to identify and mitigate impairments to Mississippi's streams, lakes, rivers, and coastal waters so that these bodies provide the environmental and social services upon which our citizens and communities depend.

COMMUNITIES: Strong communities create a more stable and supportive society, and members report that they lead happier and healthier lives.

FOOD SAFETY AND QUALITY: Research addresses the ongoing challenge of ensuring access to safe, high-quality food at reasonable prices. This program strengthens Mississippi's capacity to meet demands for safe, nutritious, convenient, and globally competitive food.

ECONOMICS: Research that helps farmers and agricultural businesses effectively manage operations and remain profitable and economically sustainable.

II. Program Objective:

1. To optimize the health of consumers by improving the quality of diets, the quality of food, and the number of food choices
2. To develop innovative processing technologies to extend shelf life, enhance safety and improve the nutritive quality of foods
3. To reduce food causes of food-borne illness such as pathogens, toxins, and chemical contaminants
4. To help individuals, families, and communities make informed choices about food and lifestyles
5. To promote healthy child and family development
6. To promote health, safety, and access to quality health care
7. To develop and validate best management practices to conserve water usage and enhance water quality
8. To improve production efficiency and resource conservation
9. To provide science-based information to facilitate risk management
10. To enhance the economic sustainability of individuals, families, agricultural enterprises, and communities

III. Current program activities as supported by the funding in Columns 6-15 (FY 2019 & FY 2020 Increase/Decrease for continuations) of MBR-1-03 and designated Budget Unit Decisions columns of MBR-1-03-A:

PROGRAM NARRATIVE

Program Data Collected in Accordance with the Mississippi Performance Budget and Strategic Planning Act of 1994
(To Accompany Form MBR-1-03)

(D) Recover FY2016 Appropriations:

The MAFES request for FY 2020 includes recovering the funds lost since the original FY 2016 Appropriation. These funds are both programmatic and operational and support all aspects of the MAFES mission.

(E) PERS Increase:

This request will cover the employer share increase - 1.65% effective July 1, 2019 - in support of the Public Employees' Retirement System (PERS). This brings the employer share from 15.75% to 17.4%.

(F) Health Plan Increase:

This request will cover the balance (½) of the increase in the employer share premium of the State and School Employees Health Insurance Plan (from \$356 to \$375(\$19 per month)) that will take effect January 1, 2019.

Elements of Quality Program Design

For the Evaluation of Requests to Fund New Programs or New Activity in an Existing Program
(To Accompany Form MBR-1-03A)

PROGRAM PERFORMANCE MEASURES

Program Data Collected in Accordance with the Mississippi Performance Budget and Strategic Planning Act of 1994

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

1 - Plant Systems

Name of Agency

PROGRAM NAME

PROGRAM OUTPUTS: (This is the measure of the process necessary to carry on the goals and objectives of this program. This is the volume produced, i.e., how many people served, how many documents generated.)

	FY 2018 APPRO	FY 2018 ACTUAL	FY 2019 ESTIMATED	FY 2020 PROJECTED
1 Number of Scientist FTE (Scientist Years)	31.00	36.38	40.12	50.12
2 Research Publications (Publications)	270.79	212.00	171.00	182.00

PROGRAM EFFICIENCIES: (This is the measure of the cost, unit cost or productivity associated with a given outcome or output. This measure indicates linkage between services and funding, i.e., cost per investigation, cost per student or number of days to complete investigation.)

	FY 2018 APPRO	FY 2018 ACTUAL	FY 2019 ESTIMATED	FY 2020 PROJECTED
1 Appropriated Funds & Extramural Funds (Ratio)	1.39	1.03	0.89	1.04

PROGRAM OUTCOMES: (This is the measure of the quality or effectiveness of the services provided by this program. This measure provides an assessment of the actual impact or public benefit of your agency's actions. This is the results produced, i.e., increased customer satisfaction by x% within a 12-month period, reduce the number of traffic fatalities due to drunk drivers within a 12-month period.)

	FY 2018 APPRO	FY 2018 ACTUAL	FY 2019 ESTIMATED	FY 2020 PROJECTED
1 Publications per scientist	1.00	5.83	4.26	3.62
2 Extramural funding per scientist	1.00	326,708.00	303,867.00	258,396.00

PROGRAM PERFORMANCE MEASURES

Program Data Collected in Accordance with the Mississippi Performance Budget and Strategic Planning Act of 1994

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

2 - Animal Systems

Name of Agency

PROGRAM NAME

PROGRAM OUTPUTS: (This is the measure of the process necessary to carry on the goals and objectives of this program. This is the volume produced, i.e., how many people served, how many documents generated.)

	FY 2018 APPRO	FY 2018 ACTUAL	FY 2019 ESTIMATED	FY 2020 PROJECTED
1 Number of Scientist FTE (Scientist Years)	26.14	24.08	24.41	26.41
2 Research Publications (Publications)	98.90	161.00	124.00	127.00

PROGRAM EFFICIENCIES: (This is the measure of the cost, unit cost or productivity associated with a given outcome or output. This measure indicates linkage between services and funding, i.e., cost per investigation, cost per student or number of days to complete investigation.)

	FY 2018 APPRO	FY 2018 ACTUAL	FY 2019 ESTIMATED	FY 2020 PROJECTED
1 Appropriated Funds & Extramural Funds (Ratio)	0.56	0.39	0.42	0.50

PROGRAM OUTCOMES: (This is the measure of the quality or effectiveness of the services provided by this program. This measure provides an assessment of the actual impact or public benefit of your agency's actions. This is the results produced, i.e., increased customer satisfaction by x% within a 12-month period, reduce the number of traffic fatalities due to drunk drivers within a 12-month period.)

	FY 2018 APPRO	FY 2018 ACTUAL	FY 2019 ESTIMATED	FY 2020 PROJECTED
1 Publications per scientist	1.00	6.69	5.08	4.79
2 Extramural funding per scientist	1.00	424,128.00	419,828.00	395,983.00

PROGRAM PERFORMANCE MEASURES

Program Data Collected in Accordance with the Mississippi Performance Budget and Strategic Planning Act of 1994

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

3 - Health And Sustainable Communities

Name of Agency

PROGRAM NAME

PROGRAM OUTPUTS: (This is the measure of the process necessary to carry on the goals and objectives of this program. This is the volume produced, i.e., how many people served, how many documents generated.)

	FY 2018 APPRO	FY 2018 ACTUAL	FY 2019 ESTIMATED	FY 2020 PROJECTED
1 Number of Scientist FTE (Scientist Years)	28.00	40.45	46.23	47.23
2 Research Publications (Publications)	290.00	330.00	341.00	343.00

PROGRAM EFFICIENCIES: (This is the measure of the cost, unit cost or productivity associated with a given outcome or output. This measure indicates linkage between services and funding, i.e., cost per investigation, cost per student or number of days to complete investigation.)

	FY 2018 APPRO	FY 2018 ACTUAL	FY 2019 ESTIMATED	FY 2020 PROJECTED
1 Appropriated Funds & Extramural Funds (Ratio)	0.46	0.38	0.39	0.38

PROGRAM OUTCOMES: (This is the measure of the quality or effectiveness of the services provided by this program. This measure provides an assessment of the actual impact or public benefit of your agency's actions. This is the results produced, i.e., increased customer satisfaction by x% within a 12-month period, reduce the number of traffic fatalities due to drunk drivers within a 12-month period.)

	FY 2018 APPRO	FY 2018 ACTUAL	FY 2019 ESTIMATED	FY 2020 PROJECTED
1 Publications per scientist	1.00	8.16	7.38	7.26
2 Extramural funding per scientist	1.00	340,128.00	308,234.00	303,340.00

PROGRAM 3% GENERAL FUND REDUCTION AND NARRATIVE EXPLANATION

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

	Fiscal Year 2019 Funding			FY 2019 GF PERCENT REDUCED
	Total Funds	Reduced Amount	Reduced Funding Amount	

Program Name: (1) Plant Systems				
General	11,836,956	(355,109)	11,481,847	(3.00%)
State Support Special	725,123		725,123	
Federal	2,487,233		2,487,233	
Other Special	2,274,906		2,274,906	
TOTAL	17,324,218	(355,109)	16,969,109	

Narrative Explanation:

Program Name: (2) Animal Systems				
General	4,827,121	(144,814)	4,682,307	(3.00%)
State Support Special	248,334		248,334	
Federal	1,094,369		1,094,369	
Other Special	932,652		932,652	
TOTAL	7,102,476	(144,814)	6,957,662	

Narrative Explanation:

Program Name: (3) Health And Sustainable Communities				
General	5,206,955	(156,208)	5,050,747	(3.00%)
State Support Special	192,121		192,121	
Federal	1,148,008		1,148,008	
Other Special	989,683		989,683	
TOTAL	7,536,767	(156,208)	7,380,559	

Narrative Explanation:

Program Name: (99) Summary of All Programs				
General	21,871,032	(656,131)	21,214,901	(3.00%)
State Support Special	1,165,578		1,165,578	
Federal	4,729,610		4,729,610	
Other Special	4,197,241		4,197,241	
TOTAL	31,963,461	(656,131)	31,307,330	

BOARD OF TRUSTEES OF STATE INSTITUTIONS OF HIGHER LEARNING MEMBERS

MS State Univ - Agricultural & Forestry Experiment Station (422-00)
Name of Agency

A. Explain Rate and manner in which board members are reimbursed:

Board members are reimbursed through the Institution of Higher Learning System Administration budget with a per diem of \$40 plus expenses.

B. Estimated number of meetings FY 2019:

12 (Twelve)

C. Names of Members	City, Town, Residence	Appointed By	Date of Appointment	Length of Term
1. Dr. Bradford J. Dye, III	Oxford, MS	Bryant	5- 8- 2012	9 years
2. Mr. Shane Hooper	Tupelo, MS	Bryant	5- 8- 2012	9 years
3. Mr. Hal Parker	Bolton, MS	Bryant	5- 8- 2012	9 years
4. Mr. Tom Duff	Hattiesburg, MS	Bryant	5- 8- 2015	9 years
5. Dr. Alfred E. McNair, Jr.	Gautier, MS	Bryant	5- 8- 2015	9 years
6. Mr. Chip Morgan	Leland, MS	Bryant	5- 8- 2015	9 years
7. Dr. J. Walt Starr	Columbus, MS	Bryant	5- 8- 2015	9 years
8. Justice Ann H. Lamar	Senatobia, MS	Bryant	2- 8- 2017	4 years
9. Mr. Gee Ogletree	Jackson, MS	Bryant	5- 8- 2018	9 years
10. Mr. Bruce Martin	Meridian, MS	Bryant	5- 8- 2018	9 years
11. Mrs. Jeanne Luckey	Ocean Springs, MS	Bryant	5- 8- 2018	9 years
12. Dr. Steven Cunningham	Hattisburg, MS	Bryant	5- 8- 2018	9 years

Identify Statutory Authority (Code Section or Executive Order Number)*

Constitutional Amendment 213A of the Constitution of the State of Mississippi.

*If Executive Order, please attach copy.

**SCHEDULE B
CONTRACTUAL SERVICES**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

MINOR OBJECT OF EXPENDITURE	(1) Actual Expenses FY Ending June 30, 2018	(2) Estimated Expenses FY Ending June 30, 2019	(3) Requested for FY Ending June 30, 2020
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A. Tuition, Rewards & Awards (61050xxx-61080xxx)			
Scholarships	59,714	59,700	59,700
Other Grants Awards			
61010 Fellowships/Tuition			
61020 Employee Training	90,033	80,000	80,000
Total	149,747	139,700	139,700

B. Transportation & Utilities (61100xxx-61200xxx)			
Other			
61110 Postage Box Rent etc	29,549	29,600	29,600
61190 Transportation of Goods	119,170	119,000	121,000
61210 Electricity	1,748,916	1,749,000	1,749,000
61220 Gas	468,944	468,900	468,900
61230 Water & Sewage	154,954	155,000	155,000
Total	2,521,533	2,521,500	2,523,500

C. Public Information (61300xxx-6131xxxx)			
Other			
61310 Advertising & Public Information	5,725	5,725	5,725
61340 Signs & Billboards			
61350 Exhibits & Displays			
Total	5,725	5,725	5,725

D. Rents (61400xxx-61490xxx)			
Other Rental	58,694	100,000	100,000
61420 Buildings & Floor Space	19,344	19,000	19,000
61430 Land	57,825	57,800	57,800
61440 Office Equipment	90,439	90,400	90,400
61460 Other Equipment			
61470 Bureau of Buildings			

**SCHEDULE B
CONTRACTUAL SERVICES**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

MINOR OBJECT OF EXPENDITURE	(1) Actual Expenses FY Ending June 30, 2018	(2) Estimated Expenses FY Ending June 30, 2019	(3) Requested for FY Ending June 30, 2020
61480 Exhibits Displays & Conference Rooms			
Total	226,302	267,200	267,200
E. Repairs & Service (61500xxx)			
Maintenance Contracts	49,785	49,800	49,800
Other			
61500 Grounds Walls Fences & Lots			
61520 Buildings	851,213	638,410	638,410
61530 Machinery & Field Equipment	113,347	113,000	113,000
61540 Passenger Vehicles	72,729	72,000	72,000
61550 Office Equipment & Furniture	2,057	2,000	2,000
61580 Shop Equipment	65,455	65,000	65,000
61590 Miscellaneous Items of Equipment	252		
Total	1,154,838	940,210	940,210
F. Fees, Professional & Other Services (6161xxxx-61699xxx)			
61610 Engineering 5710, 5720	900		
61644 Medical Fees 5740	1,308		
61670 Laboratory & Testing Fees 5770	54,014		
61690 Other Fees & Services 5790, 5750	263,705	320,000	332,000
Total	319,927	320,000	332,000
G. Other Contractual Services (61700xxx-61790xxx, 61900xxx)			
Subscriptions	13,551	13,000	13,000
Pay to Visiting Athletics			
Employee Recruiting Costs	9,511	9,000	9,000
Other Contractual	1,065,202	1,131,574	1,137,074
61710 Insurance & Fidelity Bonds	244,472	244,400	244,400
61715 Insurance Computer Equipment CDPA			
61720 Membership Dues	41,431	41,400	41,400
61730 Laundry Dry Cleaning & Towel Service	144		
Total	1,374,311	1,439,374	1,444,874
H. Information Technology (61800xxx-61890xxx)			
Cell	1,984	2,000	2,000
6112x Telephone-Basic Line Charges	226,989	227,000	227,000
6113x Telephone-Long Distance Charges	10,611	10,000	10,000
6114x Telephone-Private Line Charges	1,824	1,800	1,800

**SCHEDULE B
CONTRACTUAL SERVICES**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

MINOR OBJECT OF EXPENDITURE	(1) Actual Expenses FY Ending June 30, 2018	(2) Estimated Expenses FY Ending June 30, 2019	(3) Requested for FY Ending June 30, 2020
6190x IS Fees - CDPA			
61917 Service Charges Paid to State Computer Center			
61918 Data Entry			
6191x IS Training/Education			
6192x Software Acquisition	27,401	27,000	27,000
619xx IS Related Rentals	102,085	102,000	102,000
619xx Repair Maint & Service of IS Equipment			
619xx Software Maintenance Agreements	1,433	1,500	1,500
619xx IS Fees - Outside Vendor			
Total	372,327	371,300	371,300
Grand Total <i>(Enter on Line 1-B of Form MBR-1)</i>	6,124,710	6,005,009	6,024,509
Funding Summary:			
General Funds	4,447,341	4,184,795	4,204,295
State Support Special Funds	722,511	694,689	694,689
Federal Funds	260,821	257,511	257,511
Other Special Funds	694,037	868,014	868,014
Total Funds	6,124,710	6,005,009	6,024,509

**SCHEDULE C
COMMODITIES**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

MINOR OBJECT OF EXPENDITURE	(1) Actual Expenses FY Ending June 30, 2018	(2) Estimated Expenses FY Ending June 30, 2019	(3) Requested for FY Ending June 30, 2020
A. Maintenance & Constr. Materials & Supplies (62000xxx, 62015xxx)			
6010 Land Improvement Supplies	48,822	51,573	51,573
6020 Building Construction Supplies			
6021 Cement			
6022 Lumber			
6023 Building Supplies - Metal			
6024 Replacement Building Materials	77,993	82,386	82,386
6030 Paint Preservatives	2,440	2,578	2,578
6040 Hardware/Plumbing/Elect Supplies			
6041 Physical Plant Materials	84,101	88,838	88,838
6050 Custodial Supplies & Cleansers	9,728	10,277	10,277
6090 Other Maintenance Materials	33,909	35,818	35,818
Total	256,993	271,470	271,470
B. Printing & Office Supplies & Materials (62010xxx, 62085xxx, 62100xxx, 62125xxx, 62400xxx)			
6110 Printing Binding and Padding	10,711	11,314	11,314
6111 Media Guides			
6120 Duplication and Reproductions			
6121 Bulk Paper	5,530	5,842	5,842
6130 Office Supplies and Materials			
6135 Plaques and Certificates	52,659	55,626	55,626
6140 Purchased Instructional Materials	809	854	854
Total	69,709	73,636	73,636
C. Equipment Repair Parts, Supplies & Acces. (6205xxxx, 62072xxx, 62110xxx, 62115xxx, 62120xxx, 62130xxx)			
6210 Fuels			
6211 Butane			
6213 Diesel			
6214 Gasoline			
6215 Refund Gas/Dye Added	330,413	349,028	349,028
6220 Lubricating Oils and Greases	32,715	34,558	34,558
6230 Tires and Tubes	27,582	29,135	29,135
6240 Repair and Replacement Parts	76,809	81,136	81,136
6250 Shop Supplies	19,904	21,023	21,023

**SCHEDULE C
COMMODITIES**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

MINOR OBJECT OF EXPENDITURE	(1) Actual Expenses FY Ending June 30, 2018	(2) Estimated Expenses FY Ending June 30, 2019	(3) Requested for FY Ending June 30, 2020
6290 Other Equipment Repair Parts and Supplies	86,025	90,872	90,872
Total	573,448	605,752	605,752

D. Professional & Sci. Supplies and Materials (62025xxx, 62030xxx, 62070xxx, 62095xxx, 62105xxx, 6212xxxx)			
6310 Laboratory Testing Supplies	381,489	402,979	413,220
6311 Meats for Lab Experiments			
6320 Photographic/Reproduction Supplies	676	714	732
6330 Drugs and Chemicals - Lab and Medical	44,276	46,770	47,959
6390 Other Professional and Scientific Supplies	20,598	21,759	22,311
Total	447,039	472,222	484,222

E. Other Supplies & Materials (62005xxx, 62015xxx, 62020xxx, 62035xxx, 62040xxx, 62045xxx, 62060xxx, 62065xxx, 62075xxx-62080xxx, 62090xxx, 62115xxx, 62135xxx, 62140xxx, 62405xxx, 62415xxx, 62500xxx-62999xxx)			
6410 Small Tools	5,362	5,664	5,664
6420 Radio and TV Supplies/Repair Parts	25	26	26
6430 Clothes and Dry Goods for Persons	2,183	2,306	2,306
6440 Food for Persons	31,809	33,601	33,601
6450 Feed for Animals	704,902	744,611	747,611
6460 Seed and Plants	164,049	173,290	175,290
6470 Fertilzers and Farm Chemicals	447,020	472,202	472,202
6480 Expendable Equipment (under \$1000)	71,162	75,172	75,172
6490 Other Supplies and Materials	789,514	833,990	842,990
Total	2,216,026	2,340,862	2,354,862

Grand Total <i>(Enter on Line 1-C of Form MBR-1)</i>	3,563,215	3,763,942	3,789,942
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Funding Summary:			
General Funds	1,988,629	2,043,494	2,069,494
State Support Special Funds	420,341	435,432	435,432
Federal Funds	750,469	740,945	740,945
Other Special Funds	403,776	544,071	544,071
Total Funds	3,563,215	3,763,942	3,789,942

**SCHEDULE D-1
CAPITAL OUTLAY
OTHER THAN EQUIPMENT**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)
Name of Agency

MINOR OBJECT OF EXPENDITURE	(1) Actual Expenses FY Ending June 30, 2018	(2) Estimated Expenses FY Ending June 30, 2019	(3) Requested for FY Ending June 30, 2020
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B. Buildings & Improvements (63100xxx)			
8127 Improvements for Handicapped Access	1,296		
Total	1,296		

C. Infrastructure & Other (63100xxx)			
8140 Farm Animals - Inventoriable	30,472		
8160 Library Books	736		
Total	31,208		

Grand Total <i>(Enter on Line 1-D-1 of Form MBR-1)</i>	32504	0	0
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Funding Summary:			
General Funds	32,504		
State Support Special Funds			
Federal Funds			
Other Special Funds			
Total Funds	32,504		

**SCHEDULE D-2
CAPITAL OUTLAY EQUIPMENT**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

EQUIPMENT BY ITEM	Act. FY Ending June 30, 2018		Est. FY Ending June 30, 2019		Req. FY Ending June 30, 2020	
	No. of Units	Total Cost	No. of Units	Total Cost	No. of Units	Total Cost

B. Road Machinery, Farm & Other Equipment (63300xxx)						
MOWER LAWN PUSH		499				
EDGER GRASS WALK BEHIND		229				
ATTACHMENT TRACTOR BUCKET		1,300				
MOWER LAWN HAND		570				
MOWER LAWN HAND		570				
SAW CHAIN		440				
SPRAYER INSECTICIDE		650				
40' STORAGE CONTAINER		3,650				
MINI-TRENCHER		2,264				
GROOMING MOWER		878				
SORTER POTATO		23,800				
EXCAVATOR EARTH		42,937				
CONDITIONER DISC MOWER		22,989				
SQUARE BALER		23,950				
SKID LOADER		6,880				
JOHN DEERE TRACTOR		6,428				
MIXER WAGON		7,825				
JD 5085 TRACTOR		9,000				
120 HP TRACTOR		16,000				
140 HP TRACTOR		19,501				
STOCK TRAILER		2,100				
KUBOTA L3901 TRACTOR, LA525 LOADER, BH77 BACKHOE		5,944				
PACK MFG MEDIA MIXER		1,925				
TWIN ROW PLANTER, 8-ROW		12,000				
COMBINE, 4-ROW		25,822				
REACH LIFT		12,000				
BACKHOE		15,062				
JOHN DEERE 6105 R TRACTOR		13,877				
KUBOTA RTV 1100		3,500				
PLANT GROWTH CHAMBERS (2)		5,487				
HAY CUTTER		2,100				
JOHN DEERE 6150R		23,090				

**SCHEDULE D-2
CAPITAL OUTLAY EQUIPMENT**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

EQUIPMENT BY ITEM	Act. FY Ending June 30, 2018		Est. FY Ending June 30, 2019		Req. FY Ending June 30, 2020	
	No. of Units	Total Cost	No. of Units	Total Cost	No. of Units	Total Cost
160 ROW CROP TRACTOR		30,784				
HARVEST MASTER DATA COLLECTION ELECTRONICS		2,764				
JD 3039 R COMPACT UTILITY TRACTOR		5,086				
ZERO TURN LAWN MOWER		2,293				
6960lv - 5085E UTILITY TRACTOR		7,000				
GROUNDS MASTER TORO MOWER		3,000				
PLANTER - COTTON VARIETY TESTING		16,800				
TORO 4910 GROUND MASTER		13,249				
JOHN DEERE 6125M CAB TRACTOR & LOADER		16,049				
JOHN DEERE 6125M CAB TRACTOR & LOADER		16,049				
JOHN DEERE 5075M UTILITY TRACTOR		8,000				
MF5613 4WD TRACTOR		14,883				
SKID LOADER		14,883				
Total		464,107				

C. Office Machines, Furniture, Fixtures, Equip. (63200xxx)

DESK U-SHAPED W/CREDENZA		1,000				
Total		1,000				

D. IS Equipment (DP & Telecommunications) (63200xxx)

COMPUTER MCBK PRO 2500		1,889				
COMPUTER MCBK PRO 2900		2,959				
COMPUTER PD-3600		803				
COMPUTER NTBK PD-2900		2,461				
COMPUTER NTBK PD-2900		2,461				
COMPUTER PD-3600		805				
COMPUTER NTBK PD-3100		1,013				
COMPUTER PD-3600		903				
COMPUTER PD-3400		390				
PRINTER LSRJT PRO MFP M281FDW		449				
PRINTER LSRJT PRO M501DN		550				
COMPUTER PD-2700		644				
COMPUTER PD-3600		1,930				
COMPUTER PD-3800		632				
COMPUTER PD-3600		1,736				

**SCHEDULE D-2
CAPITAL OUTLAY EQUIPMENT**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

EQUIPMENT BY ITEM	Act. FY Ending June 30, 2018		Est. FY Ending June 30, 2019		Req. FY Ending June 30, 2020	
	No. of Units	Total Cost	No. of Units	Total Cost	No. of Units	Total Cost
PRINTER		477				
DESKTOP COMPUTER		848				
LAPTOP COMPUTER		902				
CANON PRINTER		806				
PRINTER		815				
SCANNER		401				
2 PRINTERS		742				
COMPUTER		3,923				
DELL COMPUTER		3,213				
SAMSUNG INTERNAL SSD		125				
HARD DISK DRIVE		354				
OPTIPLEX 5050		808				
FLASH DRIVE		20				
INTERNAL SSD		280				
COMPUTER XEON-2200		5,200				
Total		38,539				

F. Other Equipment (63200xxx)

P A SYSTEM PORTABLE		1,760				
TELEVISION		200				
ARM MECH ROBOTIC		1,499				
SONICATOR HOMOGENIZER MIXER		1,095				
OVEN DRYING		4,271				
BENCH WORK		1,355				
BENCH WORK		1,159				
VIAFLO II PIPETTE		680				
CROP CANOPY SENSOR		4,995				
CAMERA AERIAL PHANTOM 4 PRO		1,227				
COMPRESSOR AIR		349				
ENCODER MAGNETIC CARD		1,050				
INDICATOR WEIGHT		900				
METER FLOW		980				
METER FLOW		999				
SPECTROPHOTOMETER		8,203				
PHOTOSYNTHESIS W/FLUOROMETER		29,672				

**SCHEDULE D-2
CAPITAL OUTLAY EQUIPMENT**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

EQUIPMENT BY ITEM	Act. FY Ending June 30, 2018		Est. FY Ending June 30, 2019		Req. FY Ending June 30, 2020	
	No. of Units	Total Cost	No. of Units	Total Cost	No. of Units	Total Cost
SYSTEM WATER PURIFICATION		5,534				
AIR CONDITIONING UNIT 5TON		5,792				
GENERATOR		10,800				
GENERATOR		10,800				
To be determined			1	10,504	1	10,504
Total		93,320		10,504		10,504
Grand Total <i>(Enter on Line 1-D-2 of Form MBR-1)</i>		596,966		10,504		10,504
Funding Summary:						
General Funds		596,966		10,504		10,504
State Support Special Funds						
Federal Funds						
Other Special Funds						
Total Funds		596,966		10,504		10,504

**SCHEDULE D-3
PASSENGER/WORK VEHICLES**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

MINOR OBJECT OF EXPENDITURE	Vehicle Inventory June 30, 2018	Act. FY Ending June 30, 2018		Est. FY Ending June 30, 2019		Req. FY Ending June 30, 2020	
		No. of Units	Total Cost	No. of Units	Total Cost	No. of Units	Total Cost

A. Passenger & Work Vehicles (63300xxx)							
63310 Passenger, Basic Economy	2						
63310 Passenger, Lower Middle							
63390 Truck, Fullsize Pickup	202						
63392 Truck, Sport Utility	10						
63393 Truck, Minivan (Passenger)	1						
63400 Other Vehciles	4						
Total (A)	219						

GRAND TOTAL <i>(Enter on Line 1-D-3 of Form MBR-1)</i>							
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Funding Summary:			
General Funds			
State Support Special Funds			
Federal Funds			
Other Special Funds			
Total Funds			

**SCHEDULE D-4
WIRELESS COMMUNICATION DEVICES**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)
Name of Agency _____

MINOR OBJECT OF EXPENDITURE	Device Inventory June 30, 2018	Act. FY Ending June 30, 2018		Est. FY Ending June 30, 2019		Req. FY Ending June 30, 2020	
		No. of Devices	Actual Cost	No. of Devices	Estimated Cost	No. of Devices	Requested Cost

Grand Total <i>(Enter on Line 1-D-4 of Form MBR-1)</i>							
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Funding Summary:							
General Funds							
State Support Special Funds							
Federal Funds							
Other Special Funds							
Total Funds							

SCHEDULE E
SUBSIDIES, LOANS & GRANTS

MS State Univ - Agricultural & Forestry Experiment Station (422-00)
Name of Agency

MINOR OBJECT OF EXPENDITURE	(1) Actual Expenses FY Ending June 30, 2018	(2) Estimated Expenses FY Ending June 30, 2019	(3) Requested for FY Ending June 30, 2020
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Grand Total <i>(Enter on Line 1-E of Form MBR-1)</i>			
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Funding Summary: General Funds			
State Support Special Funds			
Federal Funds			
Other Special Funds			
Total Funds			



Legislative Budget Request 2019-20

MAFES' Role

Agriculture is one of Mississippi's largest industries generating \$7.5 billion in farm gate value, nearly \$9 billion in income (16% of the state's total), \$16.3 billion in economic impacts (17% of state total), and supporting 18% of the state's workforce. Today, the agricultural sector faces unprecedented challenges, operating in global markets and striving to meet global food demands projected to increase 50-100% by 2050. Mississippi producers face uncertainties associated with changing farm policy, market volatility, ever increasing regulatory burdens, climate change, emerging technologies, water availability and utilization, and environmental stewardship. There is no more important issue facing the agricultural community than the development and implementation of economically and environmentally sustainable food, fiber and energy production systems. Science-based solutions are those most likely to bring about transformative change in this evolving industry.

The Mississippi Agricultural and Forestry Experiment Station (MAFES) at Mississippi State University is Mississippi's primary agricultural research entity, developing technologies, crop varieties, and production practices to enhance economic efficiency and environmental sustainability for Mississippi farmers and ranchers.

MAFES scientists, working on behalf of the citizens of the state of Mississippi, develop and deliver emerging technologies to agricultural producers, bridging the gap between science and application.

MAFES developed technologies are relevant to Mississippi, improve the economics of rural communities, and enhance the health and well-being of all citizens.

MAFES' success in its support of the citizens of the State of Mississippi is dependent on sufficient resources to allow continuing research for their benefit. Presented in this budget request is our need for increased scientific capacity and core operations.

MAFES has a statewide presence allowing us to serve the people and solve agricultural problems presented in each region of the state. With four Research and Extension Centers and 16 branch stations our costs of utilities and facilities maintenance are significant.

MAFES produces:

- *Knowledge* that leads to innovation within the agricultural industry and informs producer decision-making on the farm.
- *Solutions* that are regionally relevant through site-specific research conducted at our 16 branch locations throughout the state.
- *Best practices* to help Mississippi agricultural producers increase efficiency, enhance environmental stewardship, and comply with state and federal regulations.

MAFES also:

- *Partners* with our academic counterpart, the College of Agriculture and Life Sciences, in the training of future agricultural scientists and leaders.
- *Coordinates* with other higher education institutions regionally to work together toward resolution of common regional issues.
- *Responds* to emerging agricultural issues with a staff of exceptional scientists.
- *Transfers* effectively research outcomes to producers, commodity groups, and industry through partnership with MSU-Extension Service

MAFES is:

- An *economic engine* for an agricultural-dependent economy.
- A 2013 study by the Batelle Institute reported that the Mississippi Agricultural and Forestry Experiment Station had an economic impact on the state of Mississippi of \$110.8 million and support more than 2000 jobs.

MAFES' Request

The MAFES FY2019-20 Legislative Budget Request reflects our needs in three critical areas:

Recovery of FY 2016 Appropriations – The MAFES request for FY 2020 includes recovering the funds lost since the original FY 2016 Appropriation. These funds are both programmatic and operational and support all aspects of the MAFES mission.

Requested: \$1,935,407

PERS Increase -- This request will cover the employer share increase - 1.65% effective July 1, 2019 - in support of the Public Employees' Retirement System (PERS). This brings the employer share from 15.75% to 17.4%.

Requested: \$281,059

Health Plan Cost Increase -- This request will cover the balance (½) of the increase in the employer share premium of the State and School Employees Health Insurance Plan (from \$356 to \$375(\$19 per month)) that will take effect January 1, 2019.

Requested: \$18,755

The requested funds are needed to allow MAFES to maintain its research capacity in agricultural production related to row crops, food production and security systems, and family nutrition.

Such research will improve the profitability, prosperity of farms and farm families; and thus, enhance the economic development of Mississippi's rural communities associated with agriculture and forestry. The funds, if made available, would assist in the development of new farm practices and technologies which will be implemented to stimulate our rural economies, protect and conserve resources, and improve the quality of life for all citizens.

TOTAL MAFES Request 2019-20: \$2,235,221

*Additional funding to **BUILD RESEARCH CAPACITY** in addition to the requested recovery and mandatory increases (PERS and Health Plan) **significant benefit to the state's agricultural industry.***

In Crop Production - Mississippi farmers manage 10.7 million acres of farmland across 36,200 farms, producing food and fiber crops with a farm gate value of \$7.5 billion. In 2017, the top 4 row crops (soybeans, corn, cotton, and rice) alone had a production value of \$2.1 billion. Investments in agricultural research have produced astounding gains in efficiency and yield, making the U.S. agricultural system among the most productive in the world. However, new challenges continually confront producers necessitating both responsive and preemptive research programs to maintain competitive and profitable production systems. Precision agricultural technologies empower producers to develop and implement spatially explicit seeding, fertility, and crop protection prescriptions, potentially optimizing inputs, costs, and yield; however, producer ability to collect information exceeds their capacity to manage, process, and analyze. MAFES precision agriculture programs are helping producers to turn data into decisions, enhancing profitability and environmental stewardship. Biotechnology has come to play a central role in agriculture, producing crops with desired qualities (herbicide tolerance, disease and pest resistance) and providing alternative uses of commodities (biofuels, pharmaceuticals, value-added products, etc.). Technological capabilities in molecular methods, proteomics, and genomics provide researchers an arsenal of tools against pathogens, viruses, parasites, and fungi that weaken plants, rob yield, and compromise food quality and safety. Marker-assisted breeding programs may provide the drought and heat tolerant crops needed to face future climate uncertainty.

In Water Resource Initiatives - There are few emerging issues more important to agricultural production than protection of our valuable water resources. Nowhere is this topic more pertinent than in the Mississippi River Basin where producers and resource planners face challenges dealing with aquifer overdraft and hypoxia in the Gulf of Mexico. Water quantity (water use efficiency) and water quality (sediment and nutrient reductions) are inseparable resources that contribute to the sustainability of irrigated, high intensity agriculture and aquatic ecosystem health within the Mississippi Delta and the Gulf of Mexico. MAFES is building additional capacity to develop and validate new, efficient innovative BMPs for water resource management and transfer water resources management technology to new agricultural landscapes and producers. Sophisticated watershed modeling tools coupled with engineered water delivery systems and irrigation scheduling tools can help producers more efficiently conserve increasingly scarce water resources and reduce environmental impacts of nutrient transport.

In Infrastructure and Operational Costs – Recovery of funding for basic, core operations will allow us to make needed repairs and upgrades to our facilities on campus as well as 16 branch experiments stations across the state. Costs associated with research operations have increased substantially over the last five years and adjustments are needed to maintain quality programs.

In Food Systems and Family Nutrition – A food secure society is dependent on access to safe, affordable, and nutritious food for all members. Food safety is an essential component of food security. Food science involves a myriad of scientific disciplines (microbiology, chemistry, engineering, biochemistry, etc.) to ensure that the food products that reach Mississippi consumers are both safe and meet quality standards. MAFES research is shedding light on how foodborne pathogenic bacteria sense, adapt, resist and recover from different food processing stresses and antimicrobials in foods of animal and plant origin, with the goal of detecting and eliminating pathogens from the human food value chain. Obesity and diet-related diseases (particularly among children) are major public health problems in the U.S. in general and Mississippi specifically. Limited access to nutritious food and relatively easier access to less nutritious food may be linked to poor diets and, ultimately, to obesity and diet-related diseases. MAFES scientists working in the arenas of Food Science, Nutrition, and Health Promotion and Human Sciences are involved in integrative studies of nutrition, dietetics, and human behavior to promote physical and mental health; prevent disease, injury, and disability; and enhance quality of life for Mississippi residents.

We appreciate your consideration of our primary request for recovered funds and mandated benefits increases totaling:

\$2,235,221

**OUT-OF-STATE TRAVEL
FISCAL YEAR 2020**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Note: All expenditures recorded on this form must be totaled and said total must agree with the out-of-state travel amount indicated for FY 2018 on Form Mbr-1, line 1.A.2.b.

Employee's Name	Destination	Purpose	Travel Cost	Funding Source
Andrew Kouba	NORFOLK VA	ATTEND NORTH AMERICAN ANNUAL CONFERENCE	1,867	State 41% Federal 48% Other 11%
Andrew Stevens	CHAMPAIGN IL	ATTEND HEARTLAND WORKSHOP ON ENVIRONMENTAL & RESOURCE ECONOMICS	1,144	State 41% Federal 48% Other 11%
Andrew Stevens	PHILADELPHIA PA	ATTEND AMERICAN ECONOMIC ASSOCIATION ANNUAL CONFERENCE	340	State 41% Federal 48% Other 11%
Andrew Stevens	JACKSONVILLE FL	ATTEND SOUTHERN AGRICULTURAL ECONOMICS ASSOCIATION MEETING	1,099	State 41% Federal 48% Other 11%
Anna Linhoss	LAFAYETTE LA	ATTEND PROJECT TEAM MEETING	203	State 41% Federal 48% Other 11%
Antonio Gardner	COLUMBUS OH	ATTEND SOCIETY FOR PUBLIC HEALTH EDUCATION CONFERENCE	1,240	State 41% Federal 48% Other 11%
Ardian Harri	PHILADELPHIA PA	ATTEND 2018 AMERICAN ECONOMIC ASSOCIATION ANNUAL MEETING	2,188	State 41% Federal 48% Other 11%
Ardian Harri	MINNEAPOLIS MN	ATTEND APPLIED COMMODITY PRICE ANALYSIS FORECASTING CONFERENCE	1,164	State 41% Federal 48% Other 11%
Baby Aarattuthodiyil	LAS VEGAS NV	ATTEND ANNUAL AQUACULTURE AMERICA 2018 CONFERENCE	1,998	State 41% Federal 48% Other 11%
Barry Barnett	CHICAGO IL	ATTEND AGRICULTURAL AND APPLIED ECONOMICS ASSOCIATION CONFERENCE	1,636	State 41% Federal 48% Other 11%
Benedict Posadas	LAS VEGAS NV	ATTEND 2018 AQUACULTURE AMERICAN CONFERENCE	1,459	State 41% Federal 48% Other 11%
Brandan Wheeler	ORLANDO FL	ATTEND NATIONAL COUNCIL ON FAMILY RELATIONS CONFERENCE	1,134	State 41% Federal 48% Other 11%
Carla Jagger	JACKSONVILLE FL	ATTEND SOUTHERN REGION CONFERENCE	413	State 41% Federal 48% Other 11%
Carla Jagger	CHARLESTON SC	ATTEND AMERICAN ASSOCIATION FOR AGRICULTURAL EDUCATION CONFERENCE	979	State 41% Federal 48% Other 11%
Carly Becker	MADISON WI	ATTEND PROFESSIONAL DAIRY PRODUCERS OF WISCONSIN BUSINESS CONFERENCE	603	State 41% Federal 48% Other 11%
Caroline Kelsoe	AUSTIN TX	ATTEND ANNUAL MEETING OF THE W-4133 K DEPARTMENT OF AGRICULTURE	522	State 41% Federal 48% Other 11%
Caroline Kobia	ST PETERSBURG FL	ATTEND INTERNATIONAL TEXTILES AND APPAREL ASSOCIATION CONFERENCE	1,870	State 41% Federal 48% Other 11%

**OUT-OF-STATE TRAVEL
FISCAL YEAR 2020**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Note: All expenditures recorded on this form must be totaled and said total must agree with the out-of-state travel amount indicated for FY 2018 on Form Mbr-1, line 1.A.2.b.

Employee's Name	Destination	Purpose	Travel Cost	Funding Source
Caroline Kobia	AUBURN AL	ATTEND HIGHER EDUCATION RESOURCE SERVICES MEETING	69	State 41% Federal 48% Other 11%
Charles Fulford	CLEMSON SC	ATTEND COUNCIL OF EDUCATORS ON LANDSCAPE ARCHITECTURE CONFERENCE	983	State 41% Federal 48% Other 11%
Charles Fulford	BATON ROUGE LA	CONDUCT RESEARCH AT LOUISIANA STATE UNIVERSITY LANDSCAPE ARCHITECTURE	348	State 41% Federal 48% Other 11%
Chartrisa Simpson	HOUSTON TX	ATTEND MINORITY FACULTY DEVELOPMENT WORKSHOP	1,082	State 41% Federal 48% Other 11%
Chartrisa Simpson	PHOENIX AZ	ATTEND BIOMEDICAL ENGINEERING SOCIETY CONFERENCE	2,136	State 41% Federal 48% Other 11%
Chartrisa Simpson	WASHINGTON DC	ATTEND NATIONAL RESEARCH MENTOR'S GROUP 2017 COACHING GROUP MEETING	1,279	State 41% Federal 48% Other 11%
Chartrisa Simpson	CHARLOTTE NC	ATTEND 34TH SOUTHERN BIOENGINEERING CONFERENCE	1,989	State 41% Federal 48% Other 11%
Chartrisa Simpson	ATLANTA GA	ATTEND SOCIETY OF BIOMATERIALS ANNUAL MEETING	1,926	State 41% Federal 48% Other 11%
Chartrisa Simpson	CHARLOTTE NC	ATTEND NATIONAL SCIENCE FOUNDATION CAREER PROPOSAL WRITING WORKSHOP	1,181	State 41% Federal 48% Other 11%
Chartrisa Simpson	ALEXANDRIA VA	ATTEND NATIONAL SCIENCE FOUNDATION PROPOSAL PROJECT	692	State 41% Federal 48% Other 11%
Chellie Hogan	JACKSONVILLE FL	ATTEND SOUTHERN AGRICULTURAL ECONOMICS ASSOCIATION ANNUAL MEETING	64	State 41% Federal 48% Other 11%
Chloe Henson	JACKSONVILLE FL	ATTEND SOUTHERN AGRICULTURAL ECONOMICS ASSOCIATION MEETING	154	State 41% Federal 48% Other 11%
Christopher McGee	BALTIMORE MD	ATTEND 2017 AMERICAN SOCIETY OF ANIMAL SCIENCE CONFERENCE	87	State 41% Federal 48% Other 11%
Chuo Li	BLACKSBURG VA	ATTEND COUNCIL OF EDUCATORS IN LANDSCAPE ARCHITECTURE CONFERENCE	979	State 41% Federal 48% Other 11%
Daniel Petrolia	PHILADELPHIA PA	ATTEND 2018 AMERICAN ECONOMIC ASSOCIATION ANNUAL MEETING	866	State 41% Federal 48% Other 11%
Daniel Petrolia	BLOWING ROCK NC	ATTEND EXPERIMENTAL AND ENVIRONMENTAL ECONOMICS WORKSHOP	1,282	State 41% Federal 48% Other 11%
David Buys	SAN FRANCISCO CA	ATTEND INTERNATIONAL ASSOCIATION OF GERONTOLOGY GERIATRICS CONFERENCE	2,863	State 41% Federal 48% Other 11%

**OUT-OF-STATE TRAVEL
FISCAL YEAR 2020**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Note: All expenditures recorded on this form must be totaled and said total must agree with the out-of-state travel amount indicated for FY 2018 on Form Mbr-1, line 1.A.2.b.

Employee's Name	Destination	Purpose	Travel Cost	Funding Source
David Buys	BIRMINGHAM AL	ATTEND CONSULTANTS MEETING	589	State 41% Federal 48% Other 11%
Diane Tidwell	CHICAGO IL	ATTEND NATIONAL FOOD NUTRITION CONFERENCE	1,634	State 41% Federal 48% Other 11%
Emerald Ford	ATLANTA GA	ATTEND AMERICAN SOCIETY MICROBIOLOGY CONFERENCE	500	State 41% Federal 48% Other 11%
Eunchun Park	JACKSONVILLE FL	ATTEND SOUTHERN AGRICULTURAL ECONOMICS ASSOCIATION MEETING	804	State 41% Federal 48% Other 11%
Eunchun Park	KANSAS CITY MO	ATTEND ECONOMICS AND MANAGEMENT OF RISKS ANNUAL MEETING	1,042	State 41% Federal 48% Other 11%
Ganesh Bora	SPOKANE WA	ATTEND SOCIETY FOR AGRICULTURAL AND BIOLOGICAL ENGINEERS CONFERENCE	1,840	State 41% Federal 48% Other 11%
Ganesh Bora	FARGO ND	ATTEND GRADUATE STUDENTS DEFENSE MEETING	1,523	State 41% Federal 48% Other 11%
George Hopper	ALBUQUERQUE NM	ATTEND ASSOCIATION OF PUBLIC LAND GRANT UNIVERSITY CONFERENCE	1,050	State 41% Federal 48% Other 11%
George Hopper	PHILADELPHIA PA	ATTEND SOUTHERN ASSOCIATION OF EXPERIMENT STATIONS CONFERENCE	1,310	State 41% Federal 48% Other 11%
George Hopper	SAN ANTONIO TX	ATTEND ASSOCIATION OF AGRICULTURAL EXPERIMENT STATION DIRECTOR MEETING	1,157	State 41% Federal 48% Other 11%
George Hopper	MILWAUKEE WI	ATTEND NATIONAL ATMOSPHERIC DEPOSITION PROGRAM BOARD MEETING	1,133	State 41% Federal 48% Other 11%
Glover Triplett	LITTLE ROCK AR	ATTEND WEED SCIENCE MEETING	199	State 41% Federal 48% Other 11%
Guihong Bi	MEMPHIS TN	VISIT NURSERY AND COLLECT TEA PLANTS	242	State 41% Federal 48% Other 11%
Guihong Bi	LAS VEGAS NV	ATTEND WORLD TEA EXPO	1,775	State 41% Federal 48% Other 11%
Haibo Yao	JONESBORO AR	CONDUCT SITE VISIT AND PROJECT MEETING	193	State 41% Federal 48% Other 11%
Holly Evans	LUFKIN TX	ATTEND HORSE AUCTION	114	State 41% Federal 48% Other 11%
J. Rivera	BALTIMORE MD	ATTEND AMERICAN SOCIETY OF ANIMAL SCIENCE NATIONAL CONFERENCE	1,932	State 41% Federal 48% Other 11%

**OUT-OF-STATE TRAVEL
FISCAL YEAR 2020**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Note: All expenditures recorded on this form must be totaled and said total must agree with the out-of-state travel amount indicated for FY 2018 on Form Mbr-1, line 1.A.2.b.

Employee's Name	Destination	Purpose	Travel Cost	Funding Source
J. Rivera	FORT WORTH TX	ATTEND AMERICAN SOCIETY OF ANIMAL SCIENCE CONFERENCE	1,050	State 41% Federal 48% Other 11%
Jacques Arnoult	OKLAHOMA CITY OK	NATIONAL WILD PIG CONFERENCE	719	State 41% Federal 48% Other 11%
Jeffrey Johnson	DENVER CO	ATTEND UNIVERSITY COUNCIL ON WATER RESOURCES STRATEGIC MEETING	644	State 41% Federal 48% Other 11%
Jeffrey Johnson	JACKSONVILLE FL	ATTEND SOUTHERN ASSOCIATION OF AGRICULTURAL SCIENTISTS	696	State 41% Federal 48% Other 11%
Jeffrey Johnson	TIFTON GA	VISIT STRIBLING IRRIGATION PARK	890	State 41% Federal 48% Other 11%
Jenna Mosier	PHOENIX AZ	ATTEND BIOMEDICAL ENGINEERING SOCIETY CONFERENCE	779	State 41% Federal 48% Other 11%
Jenna Mosier	CHARLOTTE NC	ATTEND 34TH SOUTHERN BIOENGINEERING CONFERENCE	507	State 41% Federal 48% Other 11%
Jessica Graves	CHICAGO IL	RECRUITING AT CHICAGO AGRICULTURAL HIGH SCHOOL FAIR	718	State 41% Federal 48% Other 11%
Jessica Graves	INDIANAPOLIS IN	ATTEND NATIONAL FUTURE FARMERS OF AMERICA CONFERENCE	810	State 41% Federal 48% Other 11%
Jessica Graves	PENSACOLA FL	RECRUITING AT WORLDS OF POSSIBILITIES	514	State 41% Federal 48% Other 11%
Joby Czarnecki	PORTLAND OR	ATTEND AMERICAN WATER RESOURCES ASSOCIATION CONFERENCE	2,023	State 41% Federal 48% Other 11%
Joby Czarnecki	MANHATTEN KS	ATTEND NORTH CENTRAL EXTENSION RESEARCH ACTIVITY WORKSHOP	509	State 41% Federal 48% Other 11%
Joe Wilmoth	ORLANDO FL	ATTEND NATIONAL CONCIL OF FAMILY RELATIONS CONFERENCE	1,560	State 41% Federal 48% Other 11%
John Blanton	SAN FRANCISCO CA	ATTEND FOOD SYSTEMS LEADERSHIP INSTITUTE CONFERENCE	862	State 41% Federal 48% Other 11%
Jonas King	SAN ANTONIO TX	ATTEND AMERICAN SOCIETY OF PARASITOLOGISTS CONFERENCE	1,720	State 41% Federal 48% Other 11%
Jonathan Pote	RICHLAND WA	ATTEND PACIFIC NORTHWEST NATIONAL LABORATORY MEETING	1,566	State 41% Federal 48% Other 11%
Jonathan Pote	ATLANTA GA	ATTEND SOUTHEASTERN CONFERENCE SUMMER MEETING	1,020	State 41% Federal 48% Other 11%

**OUT-OF-STATE TRAVEL
FISCAL YEAR 2020**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Note: All expenditures recorded on this form must be totaled and said total must agree with the out-of-state travel amount indicated for FY 2018 on Form Mbr-1, line 1.A.2.b.

Employee's Name	Destination	Purpose	Travel Cost	Funding Source
Joseph Johnson	HARRISON AR	TRANSPORT BULL FOR RESEARCH PURPOSES	215	State 41% Federal 48% Other 11%
Julie Parker	WASHINGTON DC	ATTEND CHILD LIFE ANNUAL CONFERENCE	775	State 41% Federal 48% Other 11%
Kacey O'Donnell	ORLANDO FL	ATTEND POULTRY SCIENCE ASSOCIATION ANNUAL MEETING	127	State 41% Federal 48% Other 11%
Kadie Parker	ATLANTA GA	ATTEND SOCIETY OF BIOMATERIALS ANNUAL MEETING	232	State 41% Federal 48% Other 11%
Kalisha Yankey	BALTIMORE MD	ATTEND 2017 AMERICAN SOCIETY OF ANIMAL SCIENCE CONFERENCE	136	State 41% Federal 48% Other 11%
Kambham Reddy	TAMPA FL	ATTEND AMERICAN SOCIETY OF AGRONOMY CONFERENCE	1,906	State 41% Federal 48% Other 11%
Keelee McCarty	BALTIMORE MD	ATTEND 2017 AMERICAN SOCIETY OF ANIMAL SCIENCE	183	State 41% Federal 48% Other 11%
Keelee McCarty	MARIANNA FL	COLLABORATE WITH UNIVERISTY OF FLORIDA FOR RESEARCH	61	State 41% Federal 48% Other 11%
Keith Coble	CHICAGO IL	ATTEND AGRICULTURAL AND APPLIED ECONOMICS ASSOCIATION CONFERENCE	1,269	State 41% Federal 48% Other 11%
Keith Coble	WASHINGTON DC	ATTEND NATIONAL ASSOCIATION OF AGRICULTURAL ECONOMICS ADMINISTRATORS	1,521	State 41% Federal 48% Other 11%
Keith Coble	NASHVILLE TN	ATTEND THE AMERICAN ECONOMIC ASSOCIATION ANNUAL MEETING	1,967	State 41% Federal 48% Other 11%
Keith Coble	JACKSONVILLE FL	ATTEND CROP INSURANCE AND REINSUREANCE BUREAU ANNUAL MEETING	914	State 41% Federal 48% Other 11%
Keith Coble	ARLINGTON VA	ATTEND UNITED STATES OF AGRICULTURE ANNUAL FORUM	1,101	State 41% Federal 48% Other 11%
Keith Coble	ATLANTA GA	ATTEND AGRICULTURAL DATA COALITION BOARD MEETING	580	State 41% Federal 48% Other 11%
Keith Coble	KANSAS CITY MO	ATTEND ECONOMICS AND MANAGEMENT OF RISKS IN AGRICULTURE ANNUAL MEETING	887	State 41% Federal 48% Other 11%
Keith Coble	WASHINGTON DC	ATTEND MEETING WITH CHIEF ECONOMIST	1,396	State 41% Federal 48% Other 11%
Keith Coble	WASHINGTON DE	ATTEND AGRICULTURAL AND APPLIED ECONOMICS ASSOCIATION POLICY MEETING	1,613	State 41% Federal 48% Other 11%

**OUT-OF-STATE TRAVEL
FISCAL YEAR 2020**

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Name of Agency

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Employee's Name	Destination	Purpose	Travel Cost	Funding Source
Kimberly Young	SAN DESTIN FL	ATTEND 2017 WOMEN'S LEADERSHIP CONFERENCE	1,010	State 41% Federal 48% Other 11%
Li Zhang	BOSTON MA	ATTEND ANNUAL CONFERENCE OF AMERICAN SOCIETY FOR NUTRITION	270	State 41% Federal 48% Other 11%
Lily Brooks	ATLANTA GA	PRESENT RESEARCH AT SOUTHEASTERN MEDICAL SCIENTIST SYMPOSIUM	100	State 41% Federal 48% Other 11%
Lindsay Rexrode	ATLANTA GA	ATTEND SOCIETY OF BIOMATERIALS ANNUAL MEETING	232	State 41% Federal 48% Other 11%
Lisa Stricklin	SAN DESTIN FL	ATTEND 2017 WOMEN'S LEADERSHIP CONFERENCE	1,015	State 41% Federal 48% Other 11%
Lori Elmore-Staton	KERRVILLE TX	ATTEND ENVIRONMENTAL HEALTH SCIENCES SUMMER INSTITUTE FOR K-12	200	State 41% Federal 48% Other 11%
Lori Elmore-Staton	PORTLAND OR	ATTEND DIVISION OF EARLY CHILDHOOD 33RD ANNUAL CONFERENCE	27	State 41% Federal 48% Other 11%
Lori Jones	DESTIN FL	ATTEND US POULTRY AND EGG ASSOCIATION WOMEN IN LEADERSHIP CONFERENCE	509	State 41% Federal 48% Other 11%
Lurleen Walters	CHICAGO IL	ATTEND 2017 AGRICULTURAL APPLIED ECONOMICDS ASSOCIATION CONFERENCE	1,476	State 41% Federal 48% Other 11%
Marcus Lashley	PORTLAND OR	ATTEND ECOLOGICAL SOCIETY OF AMERICAN CONFERENCE	1,400	State 41% Federal 48% Other 11%
Marie Allsopp	ATLANTA GA	ATTEND AMERICAN PUBLIC HEALTH ASSOCIATION CONFERENCE	662	State 41% Federal 48% Other 11%
Marie Allsopp	CLAYTON MO	ATTEND NUTRITION AND DIETETIC EDUCATOR AND PRECEPTORS REGIONAL MEETING	500	State 41% Federal 48% Other 11%
Marie Allsopp	BETHESDA MD	ATTEND LILLY BETHESDA CONFERENCE	120	State 41% Federal 48% Other 11%
Marion Evans	ATLANTA GA	ATTEND AMERICAN PUBLIC HEALTH ASSOCIATION MEETING	1,687	State 41% Federal 48% Other 11%
Mark Woodrey	GRAND CHENIER LA	ATTEND WORKSHOP FOR COASTAL MARSH MANAGERS	82	State 41% Federal 48% Other 11%
Matthew Interis	CHICAGO IL	ATTEND QUIZ BOWL ADVISOR AND POSTER JUDGE	1,099	State 41% Federal 48% Other 11%
Md Shamimul Hasan	BALTIMORE MD	ATTEND AMERICAN SOCIETY OF ANIMAL SCIENCE ANNUAL MEETING AND TRADE SHO	572	State 41% Federal 48% Other 11%

**OUT-OF-STATE TRAVEL
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Employee's Name	Destination	Purpose	Travel Cost	Funding Source
Megan Owen	BALTIMORE MD	ATTEND 2017 AMERICAN SOCIETY OF ANIMAL SCIENCE	1,127	State 41% Federal 48% Other 11%
Megan Owen	MARIANNA FL	COLLABORATE WITH UNIVERSITY OF FLORIDA FOR RESEARCH	78	State 41% Federal 48% Other 11%
Melanie Tran	LEXINGTON KY	ATTEND AMERICAN SOCIETY OF AGRICULTURAL AND BIOLOGICAL ENGINEERS	482	State 41% Federal 48% Other 11%
Nancy Nguyen	ATLANTA GA	ATTEND SOCIETY OF BIOMATERIALS ANNUAL MEETING	264	State 41% Federal 48% Other 11%
Naqeebullah Naqeebullah	TAMPA FL	ATTEND AMERICAN SOCIETY OF AGRONOMY CROP SCIENCE CONFERENCE	306	State 41% Federal 48% Other 11%
Norbert Bokros	JACKSONVILLE FL	ATTEND 2018 SOUTHERN ASSOCIATION OF AGRICULTURAL SCIENTISTS CONFERENCE	593	State 41% Federal 48% Other 11%
Normie Buehring	MEMPHIS TN	ATTEND NATIONAL CONSERVATION SYSTEMS COTTON AND RICE CONFERENCE	57	State 41% Federal 48% Other 11%
Normie Buehring	JACKSONVILLE FL	ATTEND SOUTHERN ASSOCIATION OF AGRICULTURAL SCIENTIST MEETING	1,290	State 41% Federal 48% Other 11%
Patrick English	JACKSONVILLE FL	PRESENT AT 2018 SOUTHERN BRANCH OF AMERICAN SOCIETY OF AGRONOMY	865	State 41% Federal 48% Other 11%
Phyllis Miller	PORTLAND ME	ATTEND JURIED EXHIBITION OF COSTUME SOCIETY OF AMERICA	1,070	State 41% Federal 48% Other 11%
Pratik Parajuli	BREMEN KY	CONDUCT RESEARCH EXPERIMENTS AT CALMAIN FOODS INC.	877	State 41% Federal 48% Other 11%
Pratik Parajuli	LAKE CITY FL	PERFORM EXPERIMENTS	1,087	State 41% Federal 48% Other 11%
Pratima Acharya Adhikari	RALEIGH NC	VISIT NORTH CAROLINA STATE UNIVERSITY LAYING HEN FACILITY	478	State 41% Federal 48% Other 11%
Pratima Acharya Adhikari	INDIANAPOLIS IN	ATTEND NUTRITION MULTI-STATE MEETING	841	State 41% Federal 48% Other 11%
Renita Horton	PHOENIX AZ	ATTEND BIOMEDICAL ENGINEERING SOCIETY ANNUAL CONFERENCE	1,376	State 41% Federal 48% Other 11%
Renita Horton	ATLANTA GA	ATTEND GRANT WRITING MEETING AND ASH CONFERENCE	1,020	State 41% Federal 48% Other 11%
Renita Horton	PITTSBURGH PA	ATTEND NATIONAL SOCIETY OF BLACK ENGINEERS	1,470	State 41% Federal 48% Other 11%

**OUT-OF-STATE TRAVEL
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Name of Agency

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Employee's Name	Destination	Purpose	Travel Cost	Funding Source
Reuben Moore	JACKSONVILLE FL	ATTEND SOUTHERN AGRICULTURAL COMMITTEE ANNUAL MEETING	1,229	State 41% Federal 48% Other 11%
Reuben Moore	KANSAS CITY MO	ATTEND SOUTHERN ASSOCIATION OF AGRICULTURAL DIRECTORS CONFERENCE	1,008	State 41% Federal 48% Other 11%
Robert Thompson	JACKSONVILLE FL	PRESENT AT SOUTHERN AGRICULTURAL ECONOMICS ASSOCIATION ANNUAL MEETING	89	State 41% Federal 48% Other 11%
Robert Thompson	MINNEAPOLIS MN	ATTEND APPLIED COMMODITY PRICE ANALYSIS FORECASTING CONFERENCE	821	State 41% Federal 48% Other 11%
Russell Kincaid	BROOMFIELD CO	ATTEND ENVIRONMENT FOR VISUALIZING IMAGES SOFTWARE TRAINING COURSE	1,505	State 41% Federal 48% Other 11%
Ruth Quainoo	JACKSONVILLE FL	ATTEND SOUTHERN AGRICULTURAL ECONOMICS ASSOCIATION ANNUAL MEETING	107	State 41% Federal 48% Other 11%
Saroj Sah	NEW ORLEANS LA	PRESENT RESEARCH AT SOUTHERN SECTION AMERICAN SOCIETY OF PLANT BIOLOGY	539	State 41% Federal 48% Other 11%
Seong Yun	CHAMPAIGN IL	ATTEND HEARTLAND WORKSHOP ON ENVIRONMENTAL & RESOURCE ECONOMICS	778	State 41% Federal 48% Other 11%
Seong Yun	JACKSONVILLE FL	ATTEND SOUTHERN AGRICULTURAL ECONOMICS ASSOCIATION MEETING	174	State 41% Federal 48% Other 11%
Shaun Broderick	COLUMBUS OH	ATTEND ORNAMENTAL PLANT GERM PLASMA COMMITTEE MEETING	1,238	State 41% Federal 48% Other 11%
Shengfa Liao	BALTIMORE MD	ATTEND SOCIETY OF ANIMAL SCIENCES ANNUAL CONFERENCE	2,158	State 41% Federal 48% Other 11%
Sherry Surrette	RALEIGH NC	ATTEND RESEARCH CENTER ADMINISTRATORS SOCIETY MEETING	1,567	State 41% Federal 48% Other 11%
Sorina Popescu	PACIFIC GROVE CA	ATTEND PLANT DEVELOPMENT AND DROUGHT STRESS WORKSHOP	1,242	State 41% Federal 48% Other 11%
Sorina Popescu	NEW ORLEANS LA	ATTEND 255TH ANNUAL AMERICAN CHEMICAL SOCIETY MEETING	261	State 41% Federal 48% Other 11%
Suraj Neupane	BREMEN KY	CONDUCT CALMAINE FOODS RESEARCH EXPERIMENTS	32	State 41% Federal 48% Other 11%
Suraj Neupane	LAKE CITY FL	PERFORM EXPERIMENTS	160	State 41% Federal 48% Other 11%
Swati Shrestha	VERO BEACH FL	ATTEND WEED CONTEST	620	State 41% Federal 48% Other 11%

**OUT-OF-STATE TRAVEL
FISCAL YEAR 2020**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

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Employee's Name	Destination	Purpose	Travel Cost	Funding Source
Te Ming Tseng	ATLANTA GA	ATTEND PULSEWORKS MEETING	310	State 41% Federal 48% Other 11%
Thomas Barickman	KNOXVILLE TN	ATTEND RESEARCH COLLABORATION AT UNIVERSITY OF TENNESSEE MEETING	366	State 41% Federal 48% Other 11%
Tommy Phillips	ORLANDO FL	ATTEND NATIONAL COUNCIL ON FAMILY RELATIONS CONFERENCE	1,333	State 41% Federal 48% Other 11%
Virginia Mullins	ATLANTA GA	ATTEND SOCIETY OF BIOMATERIALS ANNUAL MEETING	233	State 41% Federal 48% Other 11%
Virginia Mullins	MEMPHIS TN	ATTEND 2018 BIOMATERIALS DAY CONFERENCE	183	State 41% Federal 48% Other 11%
Warren Gallo	BLACKSBURG VA	ATTEND COUNCIL OF EDUCATORS IN LANDSCAPE ARCHITECTURE CONFERENCE	615	State 41% Federal 48% Other 11%
Wei Zhai	ORLANDO FL	ATTEND POULTRY SCIENCE ASSOCIATION CONFERENCE	1,286	State 41% Federal 48% Other 11%
Wen-Hsing Cheng	SAN DIEGO CA	PRESENT RESEARCH RESULTS AT JOINED CONFERENCE	1,168	State 41% Federal 48% Other 11%
Wen-Hsing Cheng	BOSTON MA	ATTEND 2018 ANNUAL CONFERENCE OF AMERICAN SOCIETY FOR NUTRITION	1,621	State 41% Federal 48% Other 11%
William Sublett	JACKSONVILLE FL	ATTEND AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE CONFERENCE	999	State 41% Federal 48% Other 11%
Xiaofei Li	CHICAGO IL	ATTEND 2017 AGRICULTURAL APPLIED ECONOMICS ANNUAL MEETING	1,094	State 41% Federal 48% Other 11%
Xiaofei Li	JACKSONVILLE FL	ATTEND SOUTHERN AGRICULTURAL ECONOMICS ASSOCIATION ANNUAL MEETING	1,535	State 41% Federal 48% Other 11%
Xiaofei Li	KANSAS CITY MO	ATTEND ECONOMICS AND MANAGEMENT OF RISKS IN AGRICULTURE ANNUAL MEETING	1,414	State 41% Federal 48% Other 11%
Zhongyue Yang	BALTIMORE MD	ATTEND AMERICAN SOCIETY OF ANIMAL SCIENCE ANNUAL MEETING	896	State 41% Federal 48% Other 11%
Total Out of State Cost			\$ 137,169	

FEES, PROFESSIONAL AND OTHER SERVICES

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

TYPE OF FEE AND NAME OF VENDOR	Retired w/ PERS	(1) Actual Expenses FY Ending June 30, 2018	(2) Estimated Expenses FY Ending June 30, 2019	(3) Requested Expenses FY Ending June 30, 2020	Fund Source
61610 Engineering 5710, 5720					
Mack Halford/Consulting for construction of metal building					
<i>Comp. Rate: 1 @ \$900 each</i>			900		State/ Other
Total 61610 Engineering 5710, 5720			900		
61644 Medical Fees 5740					
Bass, Wesley A/DOT Physical					
<i>Comp. Rate: \$50 physical</i>			50		State/ Other
Bass, Wesley A/DOT Physical					
<i>Comp. Rate: \$50 physical</i>			50		State/ Other
Rsu Bb Resp Fit For Sykes/Fitted for respirator					
<i>Comp. Rate: 1 @ \$45 each</i>			45		State/ Other
Rsu Ps Resp Fit Pitts & Stevens/Fitted for respirator					
<i>Comp. Rate: 2 @ \$45 each</i>			90		State/ Other
University Of North Carolina/Protein Production & Purification Test					
<i>Comp. Rate: \$1073 for the whole test</i>			1,073		State/ Other
Total 61644 Medical Fees 5740			1,308		
61670 Laboratory & Testing Fees 5770					
170705016 Cvm Liao Samples/Lab Analysis					
<i>Comp. Rate: 4 @ \$30 Analysis and 2 @ \$55 Proximate Analysis</i>			230		
170809001 Ads White Samples/Lab Analysis					
<i>Comp. Rate: 3 Samples @ \$15 each</i>			45		
171108023 Cpestation Rushing/Lab testing					
<i>Comp. Rate: 7 @ \$5 per sample</i>			35		
180524 Pss Ferguson Samples/Method Dev & Sample Analysis					
<i>Comp. Rate: Service Total @ \$3000</i>			3,000		
Ads-Thu Dinh-Inv 1-Samples/Egg Yolk Samples					
<i>Comp. Rate: 199 @ \$7 each</i>			1,393		
Cl180058 Corr Org/Forage analysis					
<i>Comp. Rate: 8 samples @ \$15/sample</i>			120		
Correct I1807948, Mid-South Dairy/DHIA testing					
<i>Comp. Rate: 53 cows @ \$3 each</i>			159		
Crv Usa Holdings, Inc./Lab Analysis					
<i>Comp. Rate: 79 Samples @ \$32 each</i>			2,525		
Crv Usa Holdings, Inc./Lab Analysis					
<i>Comp. Rate: 9 Samples @ \$32 each</i>			288		
Dispose 20 Pigs-Cheng/Disposed of pigs					
<i>Comp. Rate: 20 pigs @ \$12 each</i>			240		
Igbg Data Collection 2018-230/Analyses					
<i>Comp. Rate: data collection 1 gradient hr \$83; identification 1</i>			143		
Igbg-2017-211/Analyses					
<i>Comp. Rate: data collection 12 gradient hours \$83;</i>			1,716		
Lab Analysis Burnett/ Rachel Lemire/Lab Analysis					
<i>Comp. Rate: 8 Samples @ \$25 each</i>			200		

FEES, PROFESSIONAL AND OTHER SERVICES

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

TYPE OF FEE AND NAME OF VENDOR	Retired w/ PERS	(1) Actual Expenses FY Ending June 30, 2018	(2) Estimated Expenses FY Ending June 30, 2019	(3) Requested Expenses FY Ending June 30, 2020	Fund Source
Louisiana State University/Pregnancy test blood samples					
<i>Comp. Rate: 80 samples @ \$3/sample</i>			200		
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 48 cows @ \$3 each</i>				143	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 104 cows @ \$3 each</i>				330	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 25 cows @ \$4 each</i>				102	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 48 cows @ \$3 each</i>				125	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 104 cows @ \$3 each</i>				293	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 25 cows @ \$4 each</i>				90	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 107 cows @ \$3 each</i>				317	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 50 cows @ \$3 each</i>				139	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 25 cows @ \$4 each</i>				95	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 49 cows @ \$3 each</i>				148	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 107 cows @ \$3 each</i>				345	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 23 cows @ \$4 each</i>				102	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 52 cows @ \$3 each</i>				151	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 116 cows @ \$3 each</i>				351	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 23 cows @ \$4 each</i>				101	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 118 cows @ \$3 each</i>				336	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 23 cows @ \$4 each</i>				96	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 52 cows @ \$3 each</i>				142	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 23 cows @ \$4 each</i>				88	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 120 cows @ \$3 each</i>				316	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 54 cows @ \$2 each</i>				134	
Mid-South Dairy Records/DHIA testing					
<i>Comp. Rate: 30 cows @ \$3 each</i>				100	

FEES, PROFESSIONAL AND OTHER SERVICES

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

TYPE OF FEE AND NAME OF VENDOR	Retired w/ PERS	(1) Actual Expenses FY Ending June 30, 2018	(2) Estimated Expenses FY Ending June 30, 2019	(3) Requested Expenses FY Ending June 30, 2020	Fund Source
Mid-South Dairy Records/DHIA testing <i>Comp. Rate: 122 cows @ \$3 each</i>		373			
Mid-South Dairy Records/DHIA testing <i>Comp. Rate: 23 cows @ \$4 each</i>		102			
Mid-South Dairy Records/DHIA testing <i>Comp. Rate: 51 cows @ \$3 each</i>		140			
Mid-South Dairy Records/DHIA testing <i>Comp. Rate: 119 cows @ \$3 each</i>		338			
Mid-South Dairy Records/DHIA testing <i>Comp. Rate: 26 cows @ \$3 each</i>		90			
Mid-South Dairy Records/DHIA testing <i>Comp. Rate: 115 cows @ \$3 each</i>		312			
Mid-South Dairy Records/DHIA testing <i>Comp. Rate: 49 cows @ \$3 each</i>		128			
Mid-South Dairy Records/DHIA testing <i>Comp. Rate: 31 cows @ \$4 each</i>		109			
Mid-South Dairy Records/DHIA testing <i>Comp. Rate: 115 cows @ \$3 each</i>		332			
Mid-South Dairy Records/DHIA testing <i>Comp. Rate: 49 cows @ \$3 each</i>		138			
Mid-South Dairy Records/DHIA testing <i>Comp. Rate: 48 cows @ \$3 each</i>		147			
Mid-South Dairy Records/DHIA testing <i>Comp. Rate: 112 cows @ \$3 each</i>		352			
Mid-South Dairy Records/DHIA testing <i>Comp. Rate: 27 cows @ \$4 each</i>		115			
Nema Invoice #542-17/Plant analysis <i>Comp. Rate: 1 @ \$6 each</i>		6			
Nema Invoice 2146Epd997-18/Plant disease testing - petunia <i>Comp. Rate: 2 samples @ \$6/sample</i>		12			
New South Research/Water Quality Focus Groups <i>Comp. Rate: 2 @ \$2550 group + travel and incentives paid by</i>		7,652			
Novogene Corporation, Inc./Lab and Testing Fees <i>Comp. Rate: 1 @ \$50 each</i>		50			
Novogene Corporation, Inc./Lab and Testing Fees <i>Comp. Rate: 1 @ \$2700 PacBio RSII Sequencing; 1 @ \$150 (1</i>		2,850			
Nutrition Lab Analysis/Lab Analysis <i>Comp. Rate: 6 Samples @ \$25 each</i>		150			
Pro Cumberland Lab & Testing Fees/Lab and Testing Fees <i>Comp. Rate: 17 @ \$21/each; 5 @ \$11/each; 56 @ \$29/each;</i>		2,074			
Procard Atc Scientific/Feed Analysis <i>Comp. Rate: 1 analysis @ @120 each</i>		120			
Procard Atc Scientific/Feed Analysis <i>Comp. Rate: 1 analysis @ \$38 each</i>		38			
Procard Atc Scientific/Feed Analysis <i>Comp. Rate: 3 analysis @ \$112 each</i>		336			

FEES, PROFESSIONAL AND OTHER SERVICES

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

TYPE OF FEE AND NAME OF VENDOR	Retired w/ PERS	(1) Actual Expenses FY Ending June 30, 2018	(2) Estimated Expenses FY Ending June 30, 2019	(3) Requested Expenses FY Ending June 30, 2020	Fund Source
Procard Athens Diagnostic Lab/Lab Analysis <i>Comp. Rate: \$1595 per run and a one time \$3 accession fee</i>		3,951			
Procard Crv Lab Testing/Lab Analysis <i>Comp. Rate: \$60 (male cow)</i>		60			
Procard Cumberland Valley Analyti/Feed testing <i>Comp. Rate: 1 @ \$50</i>		50			
Procard Cumberland Valley Analyti/Feed testing <i>Comp. Rate: 1 @ \$50</i>		50			
Procard Cumberland Valley Analyti/Lab and Testing Fees <i>Comp. Rate: 21 @ 77 each; 8 @ \$54 each; 12 @ \$22 each; \$86</i>		2,397			
Procard Cumberland Valley Analyti/Lab and Testing Fees <i>Comp. Rate: 43 @ \$55 each; 6 @ \$43 each; \$90 shipping</i>		2,713			
Procard Dairy One Cooperativ/Forage Analysis <i>Comp. Rate: 9 @ \$13 each</i>		117			
Procard Designer Genes Ultrasound/Ultrasound <i>Comp. Rate: 17 Samples @ \$3 each</i>		51			
Procard Eurofins Genomics Llc/DNA sequencing <i>Comp. Rate: 4 at \$5/each</i>		20			
Procard Eurofins Genomics Llc/DNA sequencing <i>Comp. Rate: 2 at \$5/each</i>		10			
Procard Eurofins Genomics Llc/DNA sequencing <i>Comp. Rate: 8 at \$5/each</i>		40			
Procard Eurofins Genomics Llc/DNA sequencing <i>Comp. Rate: 12 at \$5/each</i>		60			
Procard Eurofins Genomics Llc/DNA sequencing <i>Comp. Rate: 4 at \$5/each</i>		20			
Procard Eurofins Genomics Llc/DNA sequencing and PCR <i>Comp. Rate: 4 at \$5/each and 1 PCR for \$2 each</i>		22			
Procard Eurofins Genomics Llc/Lab and Testing Fees <i>Comp. Rate: 4 @ \$5 each</i>		20			
Procard Eurofins Genomics Llc/Lab and Testing Fees <i>Comp. Rate: 20 @ \$5 each</i>		100			
Procard Eurofins Genomics Llc/Lab and Testing Fees <i>Comp. Rate: 4 @ \$5 each</i>		20			
Procard Eurofins Genomics Llc/Lab and Testing Fees <i>Comp. Rate: 6 @ \$5 each</i>		30			
Procard Eurofins Genomics Llc/Lab and Testing Fees <i>Comp. Rate: 4 @ \$5 each</i>		20			
Procard Eurofins Genomics Llc/Lab and Testing Fees <i>Comp. Rate: 24 @ \$5 each</i>		120			
Procard Eurofins Genomics Llc/Lab and Testing Fees <i>Comp. Rate: 12 @ \$5 each</i>		60			
Procard Eurofins Mwg Operon/Lab and Testing Fees <i>Comp. Rate: 64 @ \$5 each</i>		30			
Procard Eurofins Mwg Operon/Lab and Testing Fees <i>Comp. Rate: 6 @ \$5 each</i>		320			

FEES, PROFESSIONAL AND OTHER SERVICES

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

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Procard Eurofins Mwg Operon/Lab and Testing Fees <i>Comp. Rate: 6 @ \$5 each</i>			30		
Procard Eurofins Mwg Operon/Lab and Testing Fees <i>Comp. Rate: 18 @ \$5 each</i>			90		
Procard Eurofins Mwg Operon/Lab and Testing Fees <i>Comp. Rate: 6 @ \$5 each</i>			30		
Procard Eurofins Mwg Operon/Lab and Testing Fees <i>Comp. Rate: 6 @ \$5 each</i>			30		
Procard Eurofins Mwg Operon/Lab and Testing Fees <i>Comp. Rate: 10 @ \$5 each</i>			50		
Procard Eurofins Mwg Operon/Lab and Testing Fees <i>Comp. Rate: 2 @ \$5 each</i>			10		
Procard Eurofins Mwg Operon/Lab and Testing Fees <i>Comp. Rate: 26 @ \$5 each</i>			130		
Procard Eurofins Mwg Operon/Lab and Testing Fees <i>Comp. Rate: 2 @ \$5 each</i>			10		
Procard Eurofins Mwg Operon/Lab and Testing Fees <i>Comp. Rate: 12 @ \$5 each</i>			60		
Procard Eurofins Mwg Operon/Lab and Testing Fees <i>Comp. Rate: 12 @ \$5 each; 6 @ \$3 each</i>			75		
Procard Eurofins Mwg Operon/Lab and Testing Fees <i>Comp. Rate: 2 @ \$5 each</i>			10		
Procard In *New Jersey Feed Lab./Feed Analysis <i>Comp. Rate: 3 analysis @ \$100 each</i>			300		
Procard Leibniz-Institut Dsmz Gmb/Lab and Testing Fees <i>Comp. Rate: 4 @ \$339 each</i>			1,355		
Procard Maxim Pipette Service/Pipette Maintenance <i>Comp. Rate: 3 @ \$20 cleaning and 1 @ \$40 calibration</i>			100		
Procard Midwest Laboratories/Analysis of pelleted feed <i>Comp. Rate: 1 sample @ \$33/sample</i>			33		
Procard Molecular Research Lp/Lab and Testing Fees <i>Comp. Rate: 38 @ \$70 each; 38 @ \$10 each</i>			3,040		
Procard Molecular Sequencing/Lab and Testing Fees <i>Comp. Rate: 8 @ \$2 each</i>			16		
Soil Test -Meyers- 08/24/17/Standard Soil Analysis <i>Comp. Rate: 3 @ \$8 each</i>			24		
Soiltest-Barickman-3/27/18/Standard Soil Analysis <i>Comp. Rate: 1 @ \$8 each</i>			8		
Soiltest-Blackbelt-04/16/18/Soil test <i>Comp. Rate: 3 @ \$8 each</i>			24		
Soiltest-Buehring/10/10/17/Standard Soil Analysis <i>Comp. Rate: 4 @ \$8 each</i>			32		
Soiltest-Buehring-10/06/17/Standard Soil Analysis <i>Comp. Rate: 40 @ \$8 each</i>			320		
Soiltest-Buehring-10/06/17/Standard Soil Analysis <i>Comp. Rate: 6 @ \$8 each</i>			48		

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Soiltest-Buehring-9-22-17/Standard Soil Analysis <i>Comp. Rate: 42 @ \$8 each</i>			336		
Soiltest-Exp.Station-05/02/18/Soil testing <i>Comp. Rate: 2 samples @ \$8/sample</i>			16		
Soiltest-Exp.Station-05/02/18/Soil testing <i>Comp. Rate: 13 samples @ \$8/sample</i>			104		
Soiltest-Hovermale-2/26/18/Soil test <i>Comp. Rate: 3 samples @ \$8/sample</i>			24		
Soiltest-Li-10/23/17/Soil testing <i>Comp. Rate: 3 samples @ \$8 each</i>			24		
Soiltest-Li-12/20/17/Soil testing <i>Comp. Rate: 2 samples @ \$8 each</i>			16		
Soiltest-Msudaury-5/15/18/Soil test <i>Comp. Rate: 3 @ \$8 each</i>			24		
Soiltest-Parish-08/09/17/Standard Soil Analysis <i>Comp. Rate: 10 @ \$8 each</i>			80		
Soiltest-Prairie Research-02/20/17/Standard Soil Analysis <i>Comp. Rate: 3 @ \$8 each</i>			24		
Soiltest-Research-11/08/17/Standard Soil Analysis <i>Comp. Rate: 3 @ \$8 each</i>			24		
Soiltest-Rushing-09/30/17/Soil sample <i>Comp. Rate: 31 @ \$6 per sample</i>			184		
Soiltest-Rushing-12/08/17/Soil sample <i>Comp. Rate: 1 @ \$8 per sample</i>			8		
Soiltest-Smith-11/06/17/Soil test <i>Comp. Rate: 1 @ \$8 each</i>			8		
Soiltest-White-7/27/17/Soil test <i>Comp. Rate: 1 @ \$8</i>			8		
Southern Soils Lab, Inc./Standard Soil Analysis <i>Comp. Rate: 9 @ \$8 each</i>			72		
Southern Soils Lab, Inc./Standard Soil Analysis <i>Comp. Rate: 72 @ \$8 each</i>			576		
Tissuetest-Barickman-06/23/17/Tissue Test <i>Comp. Rate: 1 @ \$15 each</i>			15		
Tissuetest-Reddy-10/17/17/Tissue Test <i>Comp. Rate: 48 @ \$15 each</i>			720		
Todd County Animal Clinic/Lab Analysis <i>Comp. Rate: 105 Samples @ \$35 each</i>			3,686		
W/T Cumberland Valley 062218/Lab and Testing Fees <i>Comp. Rate: 42 @ \$35/each plus \$35 shipping</i>			1,495		
Whitaker Embryo Transfer, Llc/Travel for embryo transfer <i>Comp. Rate: 1 @ \$162</i>			162		
Total 61670 Laboratory & Testing Fees 5770			54,014		

61690 Other Fees & Services 5790, 5750

Agri-Afc, Llc./Spreader truck, spread fertilizer and seed

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<i>Comp. Rate: 24 acres @ \$7/acre</i>		156			
Agri-Afc, Llc./Spreader truck, spread fertilizer and seed & tonnage					
<i>Comp. Rate: 70 acres @ \$7/acre; 1 fee of \$2</i>		457			
Alexander Veterinary/On site service call to Euthanize sick cow					
<i>Comp. Rate: Service Call @ \$70/Euthanasia @ \$105</i>		175			
Alexander Veterinary/On site service call to treat sick cow					
<i>Comp. Rate: 1 Service Call @ \$30</i>		30			
Archer Alarms & Telephones/January - June 2018 Alarm					
<i>Comp. Rate: \$22/Month for 6 months</i>		132			
Archer Alarms & Telephones/January - June 2018 Alarm					
<i>Comp. Rate: \$38/month for 6 months</i>		228			
Archer Alarms & Telephones/July - December 2017 Alarm					
<i>Comp. Rate: \$37/month for 6 months</i>		222			
Archer Alarms & Telephones/July-December 2017 alarm					
<i>Comp. Rate: \$22/Month for 6 months</i>		132			
Ashs Coker Abstract/Abstract Submission					
<i>Comp. Rate: \$25 Submission Fee</i>		25			
Bobby'S Electric Service, Inc./4 hours repair/install lights + parts					
<i>Comp. Rate: 4 hrs @ \$70 hr = \$280 labor / \$196 parts</i>		476			
Bobby'S Electric Service, Inc./Check controls on greenhouse					
<i>Comp. Rate: 3 hrs labor @ \$70/hour</i>		210			
Bobby'S Electric Service, Inc./Check fan motor & control					
<i>Comp. Rate: 4 hrs labor @ \$70/hour</i>		280			
Bobby'S Electric Service, Inc./Install contactor for greenhouse					
<i>Comp. Rate: 2 hrs at \$70/hour</i>		140			
Bobby'S Electric Service, Inc./Service Call					
<i>Comp. Rate: 1 Service Call @ \$125</i>		125			
Brignac Flying Service, Llc/Application of fertilizer					
<i>Comp. Rate: \$279 per acre</i>		1,700			
Bte 6305 Entomology/Travel - Airline tickets					
<i>Comp. Rate: 2 @ \$316 each</i>		632			
Bureau Of Plant Industry/MS Bollweevil Eradication Program fee					
<i>Comp. Rate: 181 acres @ \$1/acre</i>		181			
Correct Pc183242, Asas/Dues					
<i>Comp. Rate: 1 @ \$150</i>		150			
Cost Txf Bte18Nov From 269102/Seminar speaker BTE airfare					
<i>Comp. Rate: 1 @ \$1083</i>		1,083			
Cost Txf K79938 From 269102/Honorarium seminar speaker					
<i>Comp. Rate: 1 @ \$400</i>		400			
Cost Txf K79938 From 269102/Seminar speaker mileage					
<i>Comp. Rate: 29 miles @ 55 cents per mile</i>		16			
Cost Txf K79940 From 269102/Seminar speaker mileage, airfare &					
<i>Comp. Rate: 1 @ \$558</i>		558			
Custer Dairy Plant Inv 52932/Ice Cream for Tours					
<i>Comp. Rate: 60 @ 1 each</i>		75			
Delta Research Foundation, Inc./2018 Herbicide treatment of					

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Comp. Rate: \$250/entity		250			
Feed Haulers Ii, Inc./Support Catfish Nutrition Research at Western					
Comp. Rate: FY17 4th quarter		25,000			
Feed Haulers Ii, Inc./Support Catfish Nutrition Research at Western					
Comp. Rate: FY17 3rd quarter		25,000			
Feed Haulers Ii, Inc./Support Catfish Nutrition Research at Western					
Comp. Rate: FY18 1st quarter		25,000			
Feed Haulers Ii, Inc./Support Catfish Nutrition Research at Western					
Comp. Rate: FY18 2nd quarter		25,000			
Feed Haulers Ii, Inc./Support Catfish Nutrition Research at Western					
Comp. Rate: FY18 3rd quarter		25,000			
Feed Haulers Ii, Inc./Support Catfish Nutrition Research at Western					
Comp. Rate: FY18 4th quarter		25,000			
Foster, Jeff H./Well Maintenance on South Farm					
Comp. Rate: 13 @ \$40 each		520			
Foster, Jeff H./Well Maintenance on South Farm					
Comp. Rate: 14 @ \$40 each		560			
Foster, Jeff H./Well Maintenance on South Farm					
Comp. Rate: 13 @ \$40 each		520			
Foster, Jeff H./Well Maintenance on South Farm					
Comp. Rate: 13 @ \$40 each		520			
Foundations First, Inc./UIC Membership and Travel Fund					
Comp. Rate: 1 @ \$1600		1,600			
Fowler, Travis/Pressure test gas pipes and get permit					
Comp. Rate: \$450 for service		450			
Hedglin, Michael Price./2 horses shod					
Comp. Rate: 2 shod @ \$85 ea		170			
Hedglin, Michael Price./2 horses shod					
Comp. Rate: 2 shod @ \$85 ea / 2 trim @ \$30 ea		170			
Hedglin, Michael Price./2 horses shod / 1 trimmed					
Comp. Rate: 2 shod @ \$85 ea / 1 trim @ \$30 ea		200			
Hedglin, Michael Price./2 horses shod / 1 trimmed					
Comp. Rate: 2 shod @ \$85 ea / 1 trim @ \$30 ea		200			
Hedglin, Michael Price./2 horses shod/2 trimmed					
Comp. Rate: 2 shod @ \$85 ea / 2 trim @ \$30 ea		230			
Hedglin, Michael Price./3 horses shod / 1 trimmed					
Comp. Rate: 3 shod @ \$85 ea / 1 trim @ \$30 ea		285			
Hedglin, Michael Price./3 horses shod / 1 trimmed					
Comp. Rate: 4 shod @ \$85 ea / 1 trim @ \$30 ea		285			
I2At Inv. 880/Analyses, Training					
Comp. Rate: 2 1/2 @ \$25; 2 1/2 @ \$48		183			
I2At Inv. 889/Analyses, Training					
Comp. Rate: 1 1/2 @ \$40; 1 1/2 @ \$48		132			
I2At- Inv. 949/Confocal (microscope), Training, AFM (microscope)					
Comp. Rate: \$30/hr (microscope), \$60/hr training		565			
I2At-Inv. 924/SEM (microscope), Training					

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Comp. Rate: \$50/hour (SEM), \$60/hr Training		248			
I2At-Inv. 973/AFM (microscope), training					
Comp. Rate: \$30/hr (microscope), \$60/hr training		1,080			
I2At-Inv. 993/SEC, TEM, Confocal (microscope), training					
Comp. Rate: \$65/hr (TEM), \$50/hr (SEM), \$50/hr (Confocal),		610			
I2At-Inv. 994/SEM (microscope)					
Comp. Rate: \$50/hour		75			
Inv # Gri-2018-8/GRA UAS Service Center					
Comp. Rate: Based on labor and service hrs, ranges from \$38 -		443			
Inv #0318-034 Mar Invoicing/Parking Passes					
Comp. Rate: 50 @ \$2 each		75			
Inv #0518 014 May Invoicing/Parking Passes					
Comp. Rate: 1 @ \$8		8			
Inv #0518 016 May Invoicing/Parking Passes					
Comp. Rate: 75 @ \$2 each		113			
Inv 0817-006/Parking Passes					
Comp. Rate: 1 @ \$8 each		8			
Inv 0817-009/Parking Passes					
Comp. Rate: 3 @ \$8each		24			
Inv 0917-021/Parking Passes					
Comp. Rate: 25 @ \$2 each		38			
Inv 0917-043/Parking Passes					
Comp. Rate: 1 @ \$8 each		8			
Inv 1017-035/Parking Passes					
Comp. Rate: 4 @ \$8 each		36			
Inv 1117-016/Parking Passes					
Comp. Rate: 25 @ \$2 each		38			
Inv 903/AFM (microscope)					
Comp. Rate: \$30/hr (microscope)		128			
Inv 909/Analyses					
Comp. Rate: 4 @ \$50		200			
Inv Spar11034/Plexiglas installation					
Comp. Rate: Service total @ \$11792		11,792			
Inv# 0418 035 April Invoicing/Parking Passes (Dementia Trailer)					
Comp. Rate: 6 passes @ \$8 per pass		48			
Inv# Spar11031Allow/SPAR Unit - Sweetpotato Experiments					
Comp. Rate: 52 days @ 364 each		18,906			
Inv. 875/AFM (microscope), Training					
Comp. Rate: \$30/hr (microscope), \$60/hr training		73			
Invoice #0618 022 June Invoicing/Shuttle Rental					
Comp. Rate: 2 @ 332 each		664			
Invoice #0618 500 June 3Rd Party/Parking Passes					
Comp. Rate: 1 @ \$17 each		17			
Its Charges/Card access - replace batteries					
Comp. Rate: \$25/hr		100			
Its Charges/Card access - replace batteries					

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<i>Comp. Rate: \$25/hr</i>		25			
Job 14214 - Ffgf Promo Cards/Garden Fest business cards					
<i>Comp. Rate: 10,000 cards for \$124 + shipping \$38</i>		162			
Job 14340 - Poster Print/Poster Print					
<i>Comp. Rate: ENCAD full-color - linear foot 3 1/2 @ \$15; 1/4</i>		65			
Job 14474 - Poster Print/Poster printing					
<i>Comp. Rate: 1 @ \$73</i>		73			
Kilgore, Meredith Lamar./Data collection process review					
<i>Comp. Rate: 3 days \$800 = \$2400</i>		2,400			
Ladner, Deon J./Shod horses					
<i>Comp. Rate: 3 horses @ \$125/horse</i>		375			
Ladner, Deon J./Shod horses					
<i>Comp. Rate: 3 horses @ \$125/horse</i>		375			
Ladner, Deon J./Trimmed horse roofs					
<i>Comp. Rate: 3 horses @ \$40/horse</i>		120			
Locher, Julie Lynn./Data collection process review					
<i>Comp. Rate: 3 days \$800 = \$2400</i>		2,400			
Mississippi State Department Of Hea/Inspection 1 Boiler and 2 Hot					
<i>Comp. Rate: 3 @ \$30.00 each</i>		90			
Mississippi State Department Of Hea/Inspection 1 Hot Water Heater					
<i>Comp. Rate: 2 @ \$30.00 each</i>		60			
Mscadamyofsciencepaypal/Abstract payment					
<i>Comp. Rate: 1 payment @ \$25.00</i>		25			
Pinnacle 2085/Access control - replaced battery					
<i>Comp. Rate: 1 @ \$25 each</i>		25			
Pinnacle 2640/Access control - replaced battery; PC repair -					
<i>Comp. Rate: 2 @ \$25 each; 1 @ \$47 each</i>		97			
Pinnacle 2640/PC Repair - Installed power supply					
<i>Comp. Rate: 1 \$50</i>		50			
Pinnacle 3200/Install battery for door card reader					
<i>Comp. Rate: 1 @ \$25</i>		25			
Pinnacle 3200/Install internet Ammerman Hearnberger					
<i>Comp. Rate: 1 @ \$10656</i>		10,656			
Pinnacle 3416/Install Wireless Bridge at Farm - Climate Control					
<i>Comp. Rate: 1 @ \$318</i>		318			
Procard Aaea/Membership					
<i>Comp. Rate: 1 @ \$115</i>		115			
Procard Aafcs- Registration/Accrediation Application fee					
<i>Comp. Rate: 1 @ \$500</i>		500			
Procard Adt Security*070714440/Alarm Annual Charges-Addtl					
<i>Comp. Rate: 1 @ \$274 (1 HW Environmental Camera)</i>		274			
Procard Adt Security*070714440/Alarm Annual Charges-Addtl					
<i>Comp. Rate: 1 @ \$310 (DVR/3 HW Cameras/Monitor)</i>		310			
Procard Adt Security*070714440/Annual Service Charge 02/01/18-					
<i>Comp. Rate: 1 @ \$959 (Base/Initial Contract)</i>		959			
Procard Am Soc Of An Sci/Membership, American Society of					

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<i>Comp. Rate: one year @ \$150 per year</i>		150			
Procard Am Soc Of An Sci/Registration, Southern Section ASAS					
<i>Comp. Rate: one person @ \$130/person</i>		130			
Procard Amer Soc For Hort Science/Abstract dues					
<i>Comp. Rate: 1 payment @ \$25.00</i>		25			
Procard Amer Soc For Hort Science/Abstract dues					
<i>Comp. Rate: 1 payment @ \$25.00</i>		25			
Procard Amer Soc For Hort Science/Abstract fee					
<i>Comp. Rate: 1 at \$25/each</i>		25			
Procard American Angus Assoc/Data Collection					
<i>Comp. Rate: 43 Samples @ \$3 each</i>		129			
Procard American Angus Assoc/Registrations					
<i>Comp. Rate: 1 @ \$27</i>		27			
Procard American Angus Assoc/Registrations					
<i>Comp. Rate: 1 @ \$17</i>		17			
Procard American Brahman Breeders/Brown Loam Stat					
<i>Comp. Rate: 1 @ \$100 renewed annually by Dr. Vann</i>		100			
Procard American Jersey Cattle As/Registrations					
<i>Comp. Rate: 55 Samples @ \$18 each</i>		949			
Procard American Paint Horse Asso/Registrations					
<i>Comp. Rate: 1 @ \$50</i>		50			
Procard American Society For Hort/Abstract dues					
<i>Comp. Rate: 1 payment @ \$265.00</i>		265			
Procard American Society For Hort/Abstract dues					
<i>Comp. Rate: 1 payment @ \$700.00</i>		700			
Procard Aqha 6771/Registrations					
<i>Comp. Rate: 1 @ \$20</i>		20			
Procard Aqha 6771/Registrations					
<i>Comp. Rate: 1 @ \$20</i>		20			
Procard Asa-Sssa-Cssa/Abstract submission					
<i>Comp. Rate: 1 payment @ \$30.00</i>		30			
Procard Asa-Sssa-Cssa/Abstract submission					
<i>Comp. Rate: 1 payment @ \$30.00</i>		30			
Procard Asa-Sssa-Cssa/Abstract submission					
<i>Comp. Rate: 1 payment @ \$30.00</i>		30			
Procard Asa-Sssa-Cssa/Abstract submission					
<i>Comp. Rate: 1 payment @ \$30.00</i>		30			
Procard Asa-Sssa-Cssa/Abstract submission					
<i>Comp. Rate: 1 payment @ \$30.00</i>		30			
Procard Asa-Sssa-Cssa/Abstract submission					
<i>Comp. Rate: 1 payment @ \$30.00</i>		30			
Procard Asa-Sssa-Cssa/Abstract submission					
<i>Comp. Rate: 1 payment @ \$30.00</i>		30			
Procard Asa-Sssa-Cssa/Abstract submission					
<i>Comp. Rate: 1 payment @ \$30.00</i>		30			
Procard Asa-Sssa-Cssa/Abstract submission					
<i>Comp. Rate: 1 payment @ \$30.00</i>		30			

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<i>Comp. Rate: 1 payment @ \$30.00</i>		30			
Procard Asa-Sssa-Cssa/Abstract submission					
<i>Comp. Rate: 1 payment @ \$30.00</i>		30			
Procard Asa-Sssa-Cssa/Abstract Submission Fee					
<i>Comp. Rate: \$50 submission</i>		50			
Procard Asa-Sssa-Cssa/Abstract Submission Fee					
<i>Comp. Rate: \$50 submission</i>		50			
Procard Cadmiumasas18/Registrations					
<i>Comp. Rate: 1 @ \$40</i>		40			
Procard Cadmiumnutrition2018/Submit abstract to conference					
<i>Comp. Rate: 1 @ \$55</i>		55			
Procard Cadmiumnutrition2018/Submit abstract to conference					
<i>Comp. Rate: 1 @ \$55</i>		55			
Procard Cadmiumnutrition2018/Submit abstract to conference					
<i>Comp. Rate: 1 @ \$55</i>		55			
Procard Can*Canonfinancial Cfs/Copier & Copies January - March					
<i>Comp. Rate: contract \$305 @ 3; black white overage \$299 =</i>		2,284			
Procard Child Life Council/Registration Fee					
<i>Comp. Rate: 1 @ \$450</i>		450			
Procard Comfort Engineering Co In/Heater Repair (Labor)					
<i>Comp. Rate: 1 hour @ \$75 each</i>		75			
Procard Community Development/Professional Membership for the					
<i>Comp. Rate: \$175 annually</i>		175			
Procard D And D/Labor - Electrical and Light installation					
<i>Comp. Rate: 77 hours @ 78 each; \$310 for materials</i>		4,600			
Procard Delta_Print_Amer/Publication Charges					
<i>Comp. Rate: 50 reprints @ \$8 per copy</i>		395			
Procard Dropbox*78Y7Tz6Bsl7T/Extra storage space					
<i>Comp. Rate: \$99/1 TB</i>		99			
Procard Dropbox*9X1216Km5C4D/Extra storage space					
<i>Comp. Rate: \$99/1 TB</i>		99			
Procard Eurofins Genomics Llc/DNA sequencing					
<i>Comp. Rate: 8 at \$5/each</i>		80			
Procard Faseb Eb Abstracts/Submit abstract to conference					
<i>Comp. Rate: 1 @ \$65</i>		65			
Procard Fisher Fire Extinguisher/Fire Inspection - 24 Extinguishers					
<i>Comp. Rate: Repl 10 x \$87; 4 x \$69; 2 x \$39; 1 x \$19</i>		1,380			
Procard Geiger/Ornamental Horticulture Field Day Uniforms					
<i>Comp. Rate: 15 @ \$27 each; 3 @ 29 each</i>		537			
Procard Graduate Supply House./Rental of graduation regalia					
<i>Comp. Rate: 1 @ \$64</i>		64			
Procard Highpoint Performance Hor/Breeding					
<i>Comp. Rate: 1 @ \$520</i>		520			
Procard Highpoint Performance Hor/Breeding					
<i>Comp. Rate: 1 @ \$285</i>		285			
Procard Holstein Association Usa/Registrations					

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<i>Comp. Rate: 13 @ \$10 each</i>		129			
Procard In *Allstar Fencing/Fence Repair					
<i>Comp. Rate: 1 @ \$980 each</i>		980			
Procard In *Allstar Fencing/Fence Repair					
<i>Comp. Rate: 1 @ \$300 each</i>		300			
Procard In *Ross Jackson Plumbing/Test backflow valve					
<i>Comp. Rate: \$150 each</i>		150			
Procard Juniper Systems/Maintenance & Support Plan for Combine					
<i>Comp. Rate: \$355 per plan</i>		355			
Procard Kincaid Equipment Manufac/Terra Star GPS Subscription					
<i>Comp. Rate: \$500 per 3 month</i>		500			
Procard Liebertpub.Com/Maryann/Publish manuscript					
<i>Comp. Rate: 1 @ \$49</i>		49			
Procard Maxim Pipette Service/Service and calibration pipette					
<i>Comp. Rate: 9 hrs \$22 = \$198</i>		198			
Procard Midwest Laboratories/Analysis of ryegrass baleage					
<i>Comp. Rate: 3 samples @ \$33/sample</i>		99			
Procard Mississippi Press Associa/Membership dues for Kenner					
<i>Comp. Rate: \$125/year</i>		125			
Procard Ms.Gov-Dot Rfp Pro/Harvest Permits					
<i>Comp. Rate: 2 @ \$26 each</i>		52			
Procard Ms.Gov-Wildlife Bo/Boat Registration for 2018 (renewal)					
<i>Comp. Rate: \$23 Per Year and \$4 Transaction Fee</i>		26			
Procard Myherd.Org/Registrations					
<i>Comp. Rate: 3 @ \$6 each</i>		17			
Procard Och Regional Medical/CPR training					
<i>Comp. Rate: 1 @ \$20 each</i>		20			
Procard Och Regional Medical/CPR training					
<i>Comp. Rate: 4 @ \$20 each</i>		80			
Procard Och Regional Medical/CPR training					
<i>Comp. Rate: 1 @ \$20 each</i>		20			
Procard Och Regional Medical/CPR training					
<i>Comp. Rate: 1 @ \$20 each</i>		20			
Procard Oxforduniversitypre/Manuscript Submission Fee-Dr. Vann					
<i>Comp. Rate: 1 @ \$100-Oxford Univ Jrnal Anim Science</i>		101			
Procard Paypal *Dstrucking/Haul a bull					
<i>Comp. Rate: 1 @ \$315</i>		315			
Procard Paypal *Intechopen/Intech publication					
<i>Comp. Rate: Publication charge</i>		1,085			
Procard Paypal *Mississippi- Nannap/MS Academy of Sciences					
<i>Comp. Rate: 1 @ \$25</i>		25			
Procard Pmi - Membership/Membership, Project Management					
<i>Comp. Rate: one year @ \$129 per year</i>		129			
Procard Poplarville Animal Clini/Farm animal Health Certificate					
<i>Comp. Rate: 1 certificate @ \$15/each</i>		15			
Procard Quick Prints/Digitization of historical station photos					

FEES, PROFESSIONAL AND OTHER SERVICES

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

TYPE OF FEE AND NAME OF VENDOR	Retired w/ PERS	(1) Actual Expenses FY Ending June 30, 2018	(2) Estimated Expenses FY Ending June 30, 2019	(3) Requested Expenses FY Ending June 30, 2020	Fund Source
<i>Comp. Rate: 43 @ \$2 per photo</i>		87			
Procard Reata Equine Hospital-Onl/Breeding					
<i>Comp. Rate: 1 @ \$525</i>		525			
Procard Reata Equine Hospital-Onl/Breeding					
<i>Comp. Rate: 1 @ \$525</i>		525			
Procard Sfb/Submission of publication for consideration					
<i>Comp. Rate: \$25/submission</i>		25			
Procard Showcase Auto Wash/Car Wash					
<i>Comp. Rate: 1 @ \$5 each</i>		5			
Procard Shred-It Usa Llc/Collect Documents/Shred					
<i>Comp. Rate: Minimum charge @ \$283; Fuel charge @ \$33</i>		315			
Procard Southeast Select Sires/Fill nitrogen tanks					
<i>Comp. Rate: 1 @ \$500</i>		500			
Procard Southeast Select Sires/Liquid nitrogen					
<i>Comp. Rate: filled one tank @ \$50/tank</i>		50			
Procard Sq *Glenn Bolin'S Towing/Towed a truck to repair shop					
<i>Comp. Rate: Flat charge of \$150</i>		150			
Procard Sq *Quin Electric/Electrical wiring of a building					
<i>Comp. Rate: 8 hours @ 75/hour; pvc/wire/supplies \$2352</i>		2,952			
Procard Sq *Southern Applications/Application of chicken litter					
<i>Comp. Rate: 35 @ \$44 per acre</i>		1,545			
Procard Super Sonic Car Wash/Oil Change/Tire Rotation					
<i>Comp. Rate: 1 @ \$88 each</i>		88			
Procard Supersonic Express - Star/Car Wash					
<i>Comp. Rate: 1 @ \$10 each</i>		10			
Procard Tetra Tech/Hydrodynamic Modeling					
<i>Comp. Rate: \$4000 - Service</i>		2,000			
Procard The Gerontological- Dues/Professional Association Fues					
<i>Comp. Rate: 1 year \$195</i>		195			
Procard Uflef Conference Tim/National Conf. on Ecosystem					
<i>Comp. Rate: 1 fee @ \$495</i>		495			
Procard Waterbird Society/Page Charges					
<i>Comp. Rate: 10 pages @ \$90 per page</i>		900			
Procard Wiley Book Publishers/Dr. Street's article in "Ecology and					
<i>Comp. Rate: 1 article @ \$1560</i>		1,560			
Qualtrics, Llc/Survey					
<i>Comp. Rate: 1000 @ \$5 each</i>		5,000			
Roger Appraisal Co., Inc./Property Appraisal					
<i>Comp. Rate: \$3750 appraisal</i>		3,750			
Safety Systems Of Biloxi/Yealry Inspection & tagging of Fire					
<i>Comp. Rate: 10 @ \$8 and 1 new extinguisher @ \$32</i>		112			
Smith, Charles M../Reimbursement for accident report on vehicle					
<i>Comp. Rate: \$10/report</i>		10			
So. Econ Assoc Submission Fee/Journal article submission fee					
<i>Comp. Rate: 1 @ \$35</i>		35			
U.S. Department Of Homeland Securit/H-1B Permit					

FEES, PROFESSIONAL AND OTHER SERVICES

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

TYPE OF FEE AND NAME OF VENDOR	Retired w/ PERS	(1) Actual Expenses FY Ending June 30, 2018	(2) Estimated Expenses FY Ending June 30, 2019	(3) Requested Expenses FY Ending June 30, 2020	Fund Source
<i>Comp. Rate: 1 @ \$460</i>		460			
U.S. Department Of Homeland Securit/H-1B Permit					
<i>Comp. Rate: 1 @ \$500</i>		500			
United States Fish And Wildlife Ser/Vulture Disposal Permit					
<i>Comp. Rate: 1 @ \$100 renewed annually</i>		100			
Vendors to be determined/Service to be determined					
<i>Comp. Rate: To be determined</i>			320,000	332,000	
Wagner, Joseph T./Harvesting of grain sorghum					
<i>Comp. Rate: 80 @ \$50 per acre</i>		4,000			
Woodrey, Mark S./Clean F250 after Field Work					
<i>Comp. Rate: \$12 Per wash</i>		12			
Yazoo Miss. Delta Joint Water/Groundwater and surface water					
<i>Comp. Rate: \$10/year</i>		10			
Total 61690 Other Fees & Services 5790, 5750		263,705	320,000	332,000	
GRAND TOTAL		319,927	320,000	332,000	

VEHICLE PURCHASE DETAILS

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Year	Model	Person(s) Assigned To	Vehicle Purpose/Use	Replacement Or New?	FY2020 Req. Cost
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TOTAL VEHICLE REQUEST

**VEHICLE INVENTORY
AS OF JUNE 30, 2018**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Vehicle Type	Vehicle Description	Model Year	Model	Person(s) Assigned To	Purpose/Use	Tag Number	Mileage on 6-30-2018	Average Miles per Year	Replacement Proposed	
									FY2019	FY2020
W	CHEVY C30 1T TRUCK	1988	CHEVY C30 1T TRUCK	DANIEL CHESSER	Cargo	S-10391	78,440	0	Y	
W	GMC S15 1/4T 4WD JIMMY	1989	GMC S15 1/4T 4WD JIMMY	DANIEL CHESSER	Agriculture	S-13661	138,856	249	Y	
W	FORD F150 1/2T TRUCK	1990	FORD F150 1/2T TRUCK	DANIEL CHESSER	Agriculture	S-15719	116,185	136	Y	
W	FORD F350 1T TRUCK	1991	FORD F350 1T TRUCK	WALLACE	Agriculture	S-14191	90,240	0	Y	
W	FORD F150 1/2T TRUCK	1992	FORD F150 1/2T TRUCK	STEWART	Agriculture	S-16440	96,255	850	Y	
W	FORD F250 3/4T TRUCK	1993	FORD F250 3/4T TRUCK	FERGUSON	Agriculture	G-03387	61,965	4,323	Y	
W	FORD F150 1/2T TRUCK	1994	FORD F150 1/2T TRUCK	WALLACE	Agriculture	G-03740	92,350	1,246	Y	
W	FORD 2T DUMP TRUCK	1995	FORD 2T DUMP TRUCK	BRYANT HOWARD	Agriculture	S-02947	96,273	349	Y	
W	FORD 2T DUMP TRUCK	1996	FORD 2T DUMP TRUCK	BRYANT HOWARD	Agriculture	S-10380	16,285	452	Y	
W	GMC 2T DUMP TRUCK	1997	GMC 2T DUMP TRUCK	SEAN HORTON	Agriculture	S-10997	27,775	1,100	Y	
W	FORD RANGER 1/4T TRUCK	1998	FORD RANGER 1/4T TRUCK	JOHN UNDERWOOD	Agriculture	S-13490	136,241	295	Y	
W	FORD F350 1T TRUCK	1999	FORD F350 1T TRUCK	LEANDER HOLMES	Agriculture	G-02047	70,502	0	Y	
W	FORD F150 1/2T TRUCK	2000	FORD F150 1/2T TRUCK	JIMBO WICKER	Cargo	G-03163	28,804	0	Y	
W	FORD F150 1/2T TRUCK	2001	FORD F150 1/2T TRUCK	JOHN JOHNSON	Agriculture	G-03497	84,460	538	Y	
W	FORD F350 1T TRUCK	2002	FORD F350 1T TRUCK	DANIEL RIVERA	Agriculture	S-16463	147,912	753	Y	
W	GMC S15 1/4T JIMMY	2003	GMC S15 1/4T JIMMY	DANIEL CHESSER	Agriculture	S-15733	137,694	616	Y	
W	GMC 1500 1/2T TRUCK	2004	GMC 1500 1/2T TRUCK	SCHNEIDER	Agriculture	S-15462	91,160	0	Y	
W	CHEVY 1500 1/2T TRUCK	2005	CHEVY 1500 1/2T TRUCK	G. LAWRENCE	Agriculture	S-15965	87,003	0	Y	
W	FORD F250 3/4T TRUCK	2006	FORD F250 3/4T TRUCK	DANIEL RIVERA	Agriculture	S-15501	157,962	0	Y	

Vehicle Type: (P)assenger/(W)ork

**VEHICLE INVENTORY
AS OF JUNE 30, 2018**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Vehicle Type	Vehicle Description	Model Year	Model	Person(s) Assigned To	Purpose/Use	Tag Number	Mileage on 6-30-2018	Average Miles per Year	Replacement Proposed	
									FY2019	FY2020
W	FORD F150 1/2T TRUCK	2007	FORD F150 1/2T TRUCK	SANDRA pHILLIPS	Agriculture	G-05338	76,098	2,476	Y	
W	FORD F150 1/2T 4WD TRUCK	2008	FORD F150 1/2T 4WD TRUCK	KENNETH GRAVES	Agriculture	G-05578	55,813	1,741	Y	
W	GMC 2500 3/4T TRUCK	2009	GMC 2500 3/4T TRUCK	FARM	Agriculture	G-05924	76,043	0	Y	
W	GMC 2500 3/4T TRUCK	2010	GMC 2500 3/4T TRUCK	ROBERT DOBBS	Cargo	G-06219	176,995	1,157	Y	
W	FORD F150 1/2T TRUCK	2011	FORD F150 1/2T TRUCK	CHARLES MISCHKE	Agriculture	G-06944	59,009	0	Y	
W	CHEVY 1500 1/2T 4WD TRUCK	2012	CHEVY 1500 1/2T 4WD TRUCK	MARCUS LASHLEY	Agriculture	G-07435	173,968	11,378	Y	
W	FORD F350 1T TRUCK	2013	FORD F350 1T TRUCK	JOHN UNDERWOOD	Agriculture	G-08551	184,216	1,807	Y	
W	DODGE RAM 1500 1/2T 2WD TRUCK	2014	DODGE RAM 1500 1/2T 2WD TRUCK	WISE	Agriculture	G-09334	71,532	0	Y	
W	FORD F350 1T TRUCK	2015	FORD F350 1T TRUCK	BRYANT HOWARD	Agriculture	G-09535	119,368	443	Y	
W	FORD F150 1/2T TRUCK	2016	FORD F150 1/2T TRUCK	BYRD	Agriculture	G-10105	129,407	2,314	Y	
W	FORD F350 1T TRUCK	2017	FORD F350 1T TRUCK	JAMES BLEDSOE	Agriculture	G-10158	80,334	2,048	Y	
W	FORD F150 1/2T 4WD TRUCK	2018	FORD F150 1/2T 4WD TRUCK	RUTLAND	Agriculture	G-10622	104,612	7,135	Y	
W	CHEVY 1/2T 2DR TAHOE	2019	CHEVY 1/2T 2DR TAHOE	VARCO	Agriculture	G-10941	66,985	1,866	Y	
W	DODGE R1500 1/2T TRUCK	2020	DODGE R1500 1/2T TRUCK	EUGENE BLYTHE	Agriculture	G-14481	82,480	290	Y	
W	FORD 3/4T EXCURSION	2021	FORD 3/4T EXCURSION	CATCHOT	Agriculture	G-14480	156,245	2,840	Y	
W	DODGE R1500 1/2T TRUCK	2022	DODGE R1500 1/2T TRUCK	DANIEL RIVERA	Agriculture	G-14673	121,933	0	Y	
W	DODGE RAM 1500 1/2T TRUCK	2023	DODGE RAM 1500 1/2T TRUCK	TONY ADAMS	Agriculture	G-14699	78,793	2,825	Y	
W	CHEVY 3500 1T TRUCK	2024	CHEVY 3500 1T TRUCK	MADSEN	Agriculture	G-15111	162,682	568	Y	

Vehicle Type: (P)assenger/(W)ork

**VEHICLE INVENTORY
AS OF JUNE 30, 2018**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Vehicle Type	Vehicle Description	Model Year	Model	Person(s) Assigned To	Purpose/Use	Tag Number	Mileage on 6-30-2018	Average Miles per Year	Replacement Proposed	
									FY2019	FY2020
W	DODGE RAM 1500 1/2T 2WD TRUCK	2025	DODGE RAM 1500 1/2T 2WD TRUCK	R. BAIRD	Agriculture	G-15041	134,952	0	Y	
W	DODGE RAM 2500 3/4T TRUCK	2026	DODGE RAM 2500 3/4T TRUCK	SAMMY JONES	Agriculture	G-15073	121,725	2,193	Y	
W	DODGE RAM 2500 3/4T TRUCK	2027	DODGE RAM 2500 3/4T TRUCK	SCOTTY COFFMAN	Agriculture	G-15074	164,169	3,121	Y	
W	FORD F350 1T TRUCK	2028	FORD F350 1T TRUCK	TREVOR GARRETT	Cargo	G-15578	196,077	2,991	Y	
W	DODGE RAM 1500 3/4T 2WD TRUCK	2029	DODGE RAM 1500 3/4T 2WD TRUCK	DAVIS R. CLARK	Agriculture	G-16329	67,733	417	Y	
W	DODGE RAM 1500 1T TRUCK	2030	DODGE RAM 1500 1T TRUCK	NORMIE BUEHRING	Cargo	G-15975	62,215	668	Y	
W	FORD F250 3/4T 4WD TRUCK	2031	FORD F250 3/4T 4WD TRUCK	BILLY RUTLAND	Agriculture	G-16569	83,771	760	Y	
W	INTL 4700 3T TRUCK	2032	INTL 4700 3T TRUCK	ERIC GOAN	Cargo	G-16362	118,575	5,367	Y	
W	FORD F250 3/4T TRUCK	2033	FORD F250 3/4T TRUCK	EDGAR DOUGLAS	Agriculture	G-17611	95,660	3,162	Y	
W	FORD F350 1T 4WD TRUCK	2034	FORD F350 1T 4WD TRUCK	TSENG	Agriculture	G-25560	131,263	3,810	Y	
W	JEEP 1/2T CHEROKEE	2035	JEEP 1/2T CHEROKEE	HILL	Agriculture	G-19002	114,652	1,462	Y	
W	FORD F250 3/4T 4WD TRUCK	2036	FORD F250 3/4T 4WD TRUCK	JONATHAN POTE	Agriculture	G-19968	107,116	1,810	Y	
W	FORD F250 3/4T TRUCK	2037	FORD F250 3/4T TRUCK	GOLDEN	Agriculture	G-24363	78,265	2,425	Y	
W	CHEVY KODIAK 3T TRUCK	2038	CHEVY KODIAK 3T TRUCK	TREVOR GARRETT	Agriculture	G-25982	39,958	1,026	Y	
P	FORD CROWN VICTORIA 4DR SEDAN	2039	FORD CROWN VICTORIA 4DR SEDAN	KEITH DANIELS	Passenger	G-25981	59,689	1,618	Y	
W	FORD F250 3/4T TRUCK	2040	FORD F250 3/4T TRUCK	BISOONDAT MACOON	Agriculture	G-22488	108,575	0	Y	

Vehicle Type: (P)assenger/(W)ork

**VEHICLE INVENTORY
AS OF JUNE 30, 2018**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Vehicle Type	Vehicle Description	Model Year	Model	Person(s) Assigned To	Purpose/Use	Tag Number	Mileage on 6-30-2018	Average Miles per Year	Replacement Proposed	
									FY2019	FY2020
W	GMC 1500 1/2T 4WD TRUCK	2041	GMC 1500 1/2T 4WD TRUCK	RUTLAND	Agriculture	G-27267	65,591	0	Y	
W	GMC 20T 18-WHEELER	2042	GMC 20T 18-WHEELER	Charles Smith	Cargo	G-27333	630,515	2,079	Y	
W	FORD F350 1T TRUCK	2043	FORD F350 1T TRUCK	BISOONDAT MACOON	Agriculture	G-28370	0	0	Y	
W	FORD F350 1T 4WD TRUCK	2044	FORD F350 1T 4WD TRUCK	RUSSELL COLEMAN	Agriculture	O-29367	0	0	Y	
W	FORD F350 1T 4WD TRUCK	2045	FORD F350 1T 4WD TRUCK	MACK FONDREN	Agriculture	G-34885	0	0	Y	
W	DODGE 1500 1/2T TRUCK	2046	DODGE 1500 1/2T TRUCK	SCOTT LANGLOIS	Agriculture	G-30672	0	0	Y	
W	DODGE RAM 1500 1/2T TRUCK	2047	DODGE RAM 1500 1/2T TRUCK	MIKE ELY	Agriculture	G-30478	0	0	Y	
W	FORD L9000 26T TRUCK	2048	FORD L9000 26T TRUCK	RUTLAND	Agriculture	G-33578	0	0	Y	
W	DODGE RAM 1500 1/2T TRUCK	2049	DODGE RAM 1500 1/2T TRUCK	DEAN	Agriculture	G-31483	0	0	Y	
W	GMC 1500 1/2T TRUCK	2050	GMC 1500 1/2T TRUCK	DAVID WISE	Agriculture	G-32136	0	0	Y	
W	DODGE RAM 3/4T TRUCK	2051	DODGE RAM 3/4T TRUCK	PETER HUDSON	Agriculture	G-32604	0	707	Y	
W	DODGE RAM 2500 3/4T 4WD TRUCK	2052	DODGE RAM 2500 3/4T 4WD TRUCK	CHARLES WALKER	Agriculture	G-32385	0	0	Y	
W	GMC 1500 1/2T TRUCK	2053	GMC 1500 1/2T TRUCK	B. Rushing	Agriculture	G-32902	0	0	Y	
W	FORD F350 1T 4WD TRUCK	2054	FORD F350 1T 4WD TRUCK	TRACY BROWN	Agriculture	G-33012	0	0	Y	
W	DODGE RAM 2500 3/4T 4WD TRUCK	2055	DODGE RAM 2500 3/4T 4WD TRUCK	BYRD	Agriculture	G-32760	0	0	Y	
W	DODGE RAM 3500 1T DUALY TRUCK	2056	DODGE RAM 3500 1T DUALY TRUCK	KEITH DANIELS	Agriculture	G-34144	0	0	Y	
W	DODGE RAM 1500 1/2T 4WD TRUCK	2057	DODGE RAM 1500 1/2T 4WD TRUCK	CATCHOT	Agriculture	G-33455	0	645	Y	

Vehicle Type: (P)assenger/(W)ork

**VEHICLE INVENTORY
AS OF JUNE 30, 2018**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Vehicle Type	Vehicle Description	Model Year	Model	Person(s) Assigned To	Purpose/Use	Tag Number	Mileage on 6-30-2018	Average Miles per Year	Replacement Proposed	
									FY2019	FY2020
W	FORD F350 1T 4WD TRUCK	2058	FORD F350 1T 4WD TRUCK	BISOONDAT MACOON	Agriculture	G-34566	0	0	Y	
W	DODGE RAM 2500 3/4T 4WD TRUCK	2059	DODGE RAM 2500 3/4T 4WD TRUCK	DEAN	Agriculture	G-34025	0	634	Y	
W	FORD F450 1 1/2T TRUCK	2060	FORD F450 1 1/2T TRUCK	BRAD BURGESS	Cargo	G-34930	0	0	Y	
W	FORD F250 3/4T TRUCK	2061	FORD F250 3/4T TRUCK	KENNETH GRAVES	Cargo	G-35082	0	0	Y	
W	DODGE RAM 1500 1T 4WD TRUCK	2062	DODGE RAM 1500 1T 4WD TRUCK	Susan Worthey	Agriculture	G-35079	0	0	Y	
W	GMC 1500 1/2T 4WD TRUCK	2063	GMC 1500 1/2T 4WD TRUCK	MACK FONDREN	Agriculture	G-36509	0	0	Y	
W	GMC 1500 1/2T 4WD TRUCK	2064	GMC 1500 1/2T 4WD TRUCK	RUTLAND	Agriculture	G-35867	0	0	Y	
W	GMC 1500 1/2T TRUCK	2065	GMC 1500 1/2T TRUCK	MUSSER	Agriculture	G-37051	0	0	Y	
W	FORD F250 3/4T TRUCK	2066	FORD F250 3/4T TRUCK	CATCHOT	Agriculture	G-37340	0	0	Y	
W	FORD F350 1T TRUCK	2067	FORD F350 1T TRUCK	BALDWIN	Agriculture	G-38009	0	0	Y	
W	FORD F250 3/4T TRUCK	2068	FORD F250 3/4T TRUCK	GABE SCIUMBATO	Agriculture	G-39489	0	0	Y	
W	MACK CH600 18-WHEELER	2069	MACK CH600 18-WHEELER	JOHN ESTES	Agriculture	G-40914	0	0	Y	
W	FORD F150 1/2T TRUCK	2070	FORD F150 1/2T TRUCK	HUDSON	Agriculture	G-41480	0	0	Y	
W	FORD F150 1/2T TRUCK	2071	FORD F150 1/2T TRUCK	EDDIE STEVENS	Agriculture	G-41479	0	0	Y	
W	FORD F150 1/2T TRUCK	2072	FORD F150 1/2T TRUCK	LOUIS SANTUCCI	Agriculture	G-41477	0	0	Y	
W	FORD F150 1/2T TRUCK	2073	FORD F150 1/2T TRUCK	LEE/MANNING	Agriculture	G-41476	0	0	Y	
W	FORD F150 1/2T TRUCK	2074	FORD F150 1/2T TRUCK	CHASTAIN	Agriculture	G-41478	0	0	Y	
W	FORD F150 1/2T TRUCK	2075	FORD F150 1/2T TRUCK	ELSIE DAVIS	Agriculture	G-41483	0	0	Y	

**VEHICLE INVENTORY
AS OF JUNE 30, 2018**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Vehicle Type	Vehicle Description	Model Year	Model	Person(s) Assigned To	Purpose/Use	Tag Number	Mileage on 6-30-2018	Average Miles per Year	Replacement Proposed	
									FY2019	FY2020
W	FORD F150 1/2T TRUCK	2076	FORD F150 1/2T TRUCK	SCOTT LANGLOIS	Agriculture	G-41475	0	0	Y	
W	FORD F150 1/2T TRUCK	2077	FORD F150 1/2T TRUCK	DEBLANC	Agriculture	G-41474	0	0	Y	
W	FORD F150 1/2T TRUCK	2078	FORD F150 1/2T TRUCK	HARKESS	Agriculture	G-41482	0	684	Y	
W	MACK CH 18-WHEELER	2079	MACK CH 18-WHEELER	JOHN ESTES	Agriculture	G-41473	0	0	Y	
W	FORD F150 1/2T TRUCK	2080	FORD F150 1/2T TRUCK	Dr. Sherry Surrette	Agriculture	G-41764	0	0	Y	
W	FORD F150 1/2T TRUCK	2081	FORD F150 1/2T TRUCK	LAICHE	Agriculture	G-41762	0	0	Y	
W	FORD F150 1/2T TRUCK	2082	FORD F150 1/2T TRUCK	SAMMY JONES	Agriculture	G-41765	0	0	Y	
W	FORD F150 1/2T TRUCK	2083	FORD F150 1/2T TRUCK	maintenance	Agriculture	G-41766	0	0	Y	
W	FORD F150 1/2T TRUCK	2084	FORD F150 1/2T TRUCK	JANE PARISH	Agriculture	G-41763	0	0	Y	
P	FORD E150 1/2T VAN	2085	FORD E150 1/2T VAN	Sherry Surrette	Passenger	G-42857	0	0	Y	
W	FORD F250 3/4T TRUCK	2086	FORD F250 3/4T TRUCK	MELVIN GIPSON	Agriculture	G-43699	0	0	Y	
W	FORD F250 3/4T 4WD TRUCK	2087	FORD F250 3/4T 4WD TRUCK	BARARPOUR	Agriculture	G-44029	0	0	Y	
W	FORD F250 3/4T TRUCK	2088	FORD F250 3/4T TRUCK	CATCHOT	Agriculture	G-44396	0	0	Y	
W	FORD F250 3/4T TRUCK	2089	FORD F250 3/4T TRUCK	RANDY VAUGHAN	Agriculture	G-44395	0	0	Y	
W	FORD F250 3/4T TRUCK	2090	FORD F250 3/4T TRUCK	WHITE	Agriculture	G-44394	0	0	Y	
W	FORD F250 3/4T TRUCK	2091	FORD F250 3/4T TRUCK	BARARPOUR	Agriculture	G-44393	0	0	Y	
W	FORD F250 3/4T TRUCK	2092	FORD F250 3/4T TRUCK	JOHN ESTES	Agriculture	G-44392	0	0	Y	
W	FORD F250 3/4T 4WD TRUCK	2093	FORD F250 3/4T 4WD TRUCK	BRYANT HOWARD	Agriculture	G-44397	0	0	Y	
W	FORD F250 3/4T 4WD TRUCK	2094	FORD F250 3/4T 4WD TRUCK	BISOONDAT MACOON	Agriculture	G-44398	0	0	Y	

Vehicle Type: (P)assenger/(W)ork

**VEHICLE INVENTORY
AS OF JUNE 30, 2018**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Vehicle Type	Vehicle Description	Model Year	Model	Person(s) Assigned To	Purpose/Use	Tag Number	Mileage on 6-30-2018	Average Miles per Year	Replacement Proposed	
									FY2019	FY2020
W	FORD F250 3/4T 4WD TRUCK	2095	FORD F250 3/4T 4WD TRUCK	DEBLANC	Agriculture	G-44399	0	0	Y	
W	FORD F250 3/4T 4WD TRUCK	2096	FORD F250 3/4T 4WD TRUCK	ROBERT DOBBS	Agriculture	G-44401	0	0	Y	
W	FORD F250 3/4T 4WD TRUCK	2097	FORD F250 3/4T 4WD TRUCK	B Rushing	Agriculture	G-44400	0	0	Y	
W	FORD F150 1/2T TRUCK	2098	FORD F150 1/2T TRUCK	HENRY	Agriculture	G-44897	0	0	Y	
W	FORD F150 1/2T 4WD TRUCK	2099	FORD F150 1/2T 4WD TRUCK	SMITH	Agriculture	G-46072	0	0	Y	
W	FORD F150 1/2T TRUCK	2100	FORD F150 1/2T TRUCK	TREVOR GARRETT	Agriculture	G-46582	0	0	Y	
W	FORD F150 1/2T TRUCK	2101	FORD F150 1/2T TRUCK	REASOR	Agriculture	G-46576	0	0	Y	
W	INTL 470 14T BOOM TRUCK	2102	INTL 470 14T BOOM TRUCK	RUTLAND	Agriculture	G-47220	0	0	Y	
W	FORD F150 1/2T 4WD TRUCK	2103	FORD F150 1/2T 4WD TRUCK	JEFF MAIN	Agriculture	G-47478	0	0	Y	
W	FORD F150 1/2T 4WD TRUCK	2104	FORD F150 1/2T 4WD TRUCK	Ashley Shiffler	Agriculture	G-47357	0	0	Y	
W	FORD F150 1/2T 4WD TRUCK	2105	FORD F150 1/2T 4WD TRUCK	Charles Smith	Agriculture	G-48550	0	0	Y	
W	FORD F350 1T TRUCK	2106	FORD F350 1T TRUCK	HORTON	Agriculture	G-48551	0	0	Y	
W	FORD F350 1T TRUCK	2107	FORD F350 1T TRUCK	ERIC GOAN	Cargo	G-48714	0	0	Y	
W	FORD F250 3/4T TRUCK	2108	FORD F250 3/4T TRUCK	WAYNE EBELHAR	Agriculture	G-48715	0	0	Y	
W	FORD F250 3/4T TRUCK	2109	FORD F250 3/4T TRUCK	RIGGINS	Agriculture	G-51028	0	0	Y	
W	FORD F250 3/4T TRUCK	2110	FORD F250 3/4T TRUCK	LANG	Agriculture	G-51188	0	807	Y	
W	FORD F250 3/4T TRUCK	2111	FORD F250 3/4T TRUCK	RUTLAND	Agriculture	G-51259	0	0	Y	

Vehicle Type: (P)assenger/(W)ork

**VEHICLE INVENTORY
AS OF JUNE 30, 2018**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Vehicle Type	Vehicle Description	Model Year	Model	Person(s) Assigned To	Purpose/Use	Tag Number	Mileage on 6-30-2018	Average Miles per Year	Replacement Proposed	
									FY2019	FY2020
W	FORD F150 1/2T TRUCK	2112	FORD F150 1/2T TRUCK	CHRIS DOBBINS	Agriculture	G-51410	0	0	Y	
P	FORD E TOUR BUS	2113	FORD E TOUR BUS	Charles Smith	Passenger	G-50921	0	0	Y	
W	FORD F250 3/4T TRUCK	2114	FORD F250 3/4T TRUCK	LYLE PRINGLE	Agriculture	G-51008	0	0	Y	
W	FORD F150 1/2T TRUCK	2115	FORD F150 1/2T TRUCK	DON COOK	Agriculture	G-52970	0	0	Y	
W	FORD F150 1/2T TRUCK	2116	FORD F150 1/2T TRUCK	TROY GIBSON	Agriculture	G-52971	0	0	Y	
W	FORD F150 1/2T TRUCK	2117	FORD F150 1/2T TRUCK	BARARPOUR	Agriculture	G-53339	0	990	Y	
W	FORD F150 1/2T 4WD TRUCK	2118	FORD F150 1/2T 4WD TRUCK	MUSSER	Agriculture	G-53687	0	0	Y	
W	FORD F350 1T TRUCK	2119	FORD F350 1T TRUCK	Jonathan Moon	Agriculture	G-54252	0	0	Y	
W	CHEV TAHOE 1/2T 2WD SUV	2120	CHEV TAHOE 1/2T 2WD SUV	Charles Smith	Agriculture	G-54660	0	0	Y	
W	FORD F150 1/2T XL 2WD TRUCK	2121	FORD F150 1/2T XL 2WD TRUCK	TOMASO-PETERSON	Agriculture	G-55095	0	0		Y
W	FORD F450 XL 1T TRUCK	2122	FORD F450 XL 1T TRUCK	DANIEL CHESSER	Agriculture	G-55138	0	0		Y
W	FORD ESCAPE XLS 1/2T SUV	2123	FORD ESCAPE XLS 1/2T SUV	CAPRIO	Agriculture	G-55096	0	0		Y
W	FORD F150 XL 1/2T 4WD TRUCK	2124	FORD F150 XL 1/2T 4WD TRUCK	PETER ALLEN	Research	G-56402	0	0		Y
W	FORD F350 1T TRUCK	2125	FORD F350 1T TRUCK	REDONA SCOTTY	Research	G-58814	0	0		Y
W	CHEVY 2500HD 3/4T TRUCK	2126	CHEVY 2500HD 3/4T TRUCK	BOBBY GOLDEN	Research	G-57073	0	0		Y
W	DODGE RAM 1500 1/2T TRUCK	2127	DODGE RAM 1500 1/2T TRUCK	KEITH DANIELS	Agriculture	G-57752	0	0		Y
W	CHEVY SILVERADO 1T TRUCK	2128	CHEVY SILVERADO 1T TRUCK	JERRY SARTIN	Agriculture	G-57074	0	0		Y
W	FORD F150 1/2T TRUCK	2129	FORD F150 1/2T TRUCK	BOBBY GOLDEN	Research	G-57706	0	0		Y

Vehicle Type: (P)assenger/(W)ork

**VEHICLE INVENTORY
AS OF JUNE 30, 2018**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Vehicle Type	Vehicle Description	Model Year	Model	Person(s) Assigned To	Purpose/Use	Tag Number	Mileage on 6-30-2018	Average Miles per Year	Replacement Proposed	
									FY2019	FY2020
W	FORD F150 1/2T TRUCK	2130	FORD F150 1/2T TRUCK	KEITH DANIELS	Agriculture	G-57728	0	0		Y
W	FORD F150 1/2T TRUCK	2131	FORD F150 1/2T TRUCK	ERIC GOAN	Agriculture	G-57808	0	0		Y
W	FORD F450 1 1/2T TRUCK	2132	FORD F450 1 1/2T TRUCK	BRAD BURGESS	Agriculture	G-58606	0	0		Y
W	CHEVY SILVERADO 1/2T TRUCK	2133	CHEVY SILVERADO 1/2T TRUCK	Jonathan Moon	Agriculture	G-55043	0	0		Y
W	PETERBILT 379 40T TRUCK	2134	PETERBILT 379 40T TRUCK	NORMIE BUEHRING	Agriculture	G-59324	0	0		Y
W	CHEVY SILVERADO 3/4T TRUCK	2135	CHEVY SILVERADO 3/4T TRUCK	JEFF GORE/Boise Stokes	Agriculture	G-59243	0	0		Y
W	SIERRA 2500 4X4	2136	SIERRA 2500 4X4	REYNOLDS	Agriculture	G-60070	0	0		Y
W	DODGE RAM 1500 1/2T 4WD TRUCK	2137	DODGE RAM 1500 1/2T 4WD TRUCK	JASON BOND	Research	G-61470	0	0		Y
W	DODGE RAM 1500 1/2T 2WD TRUCK	2138	DODGE RAM 1500 1/2T 2WD TRUCK	KEITH DANIELS	Agriculture	G-60843	0	0		Y
W	DODGE RAM 1500 1/2T 2WD TRUCK	2139	DODGE RAM 1500 1/2T 2WD TRUCK	KEITH DANIELS	Agriculture	G-60845	0	0	Y	
W	DODGE RAM 1500 1/2T 2WD TRUCK	2140	DODGE RAM 1500 1/2T 2WD TRUCK	CURTIS BISHOP	Agriculture	G-60844	0	0	Y	
W	CHEVY SILVERADO 2500 3/4T 4WD TRUCK	2141	CHEVY SILVERADO 2500 3/4T 4WD TRUCK	DON COOK	Research	G-61471	0	0		Y
W	NISSAN XTERRA 4X4	2142	NISSAN XTERRA 4X4	BROWN	Research	G-60557	0	0		Y
W	FORD F350 1T TRUCK	2143	FORD F350 1T TRUCK	TOM ALLEN	Agriculture	G-03753	0	0		Y
W	FORD F800 8T TRUCK	2144	FORD F800 8T TRUCK	EDDIE STEVENS	Agriculture	G-62927	0	0		Y
P	FORD F150 1/2T TRUCK	2145	FORD F150 1/2T TRUCK	SEAN HORTON	Passenger	G-63891	0	0		Y

Vehicle Type: (P)assenger/(W)ork

**VEHICLE INVENTORY
AS OF JUNE 30, 2018**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Vehicle Type	Vehicle Description	Model Year	Model	Person(s) Assigned To	Purpose/Use	Tag Number	Mileage on 6-30-2018	Average Miles per Year	Replacement Proposed	
									FY2019	FY2020
W	DODGE RAM 2500 3/4T TRUCK	2146	DODGE RAM 2500 3/4T TRUCK	HENRY	Agriculture	G-63481	0	0		Y
P	NISSAN FRONTIER SV 1/4T TRUCK	2147	NISSAN FRONTIER SV 1/4T TRUCK	VARCO	Passenger	G-64106	0	0		Y
W	FORD 2T TRANSPORT TRUCK	2148	FORD 2T TRANSPORT TRUCK	DAVID WISE	Cargo	9999999	0	0		Y
P	FORD TAURUS 4DR SEDAN	2149	FORD TAURUS 4DR SEDAN	DEAN	Passenger	G-08580	0	0		Y
W	FORD F350 1T TRUCK	2150	FORD F350 1T TRUCK	BOBBY GOLDEN	Agriculture	G-67284	0	0	Y	
W	FORD F150 1/2T TRUCK	2151	FORD F150 1/2T TRUCK	BI	Agriculture	G-66383	0	0		Y
W	CHEVROLET SILVERADO 1/2 T TRUCK	2152	CHEVROLET SILVERADO 1/2 T TRUCK	MICHAEL SMITH	Agriculture	G-66382	0	0		Y
P	FORD EXPLORER SUV	2153	FORD EXPLORER SUV	ERICKA BAZZILL	Passenger	G-66161	0	0		Y
W	DODGE RAM 1500ST 1/2T TRUCK	2154	DODGE RAM 1500ST 1/2T TRUCK	KEITH DANIELS	Agriculture	G-66542	0	0	Y	
W	DODGE RAM 1500ST 1/2T TRUCK	2155	DODGE RAM 1500ST 1/2T TRUCK	KEITH DANIELS	Agriculture	G-66539	0	0	Y	
W	FORD F350 1T TRUCK	2156	FORD F350 1T TRUCK	BYRD	Agriculture	G-66815	0	0		Y
P	FORD F250 3/4T 4WD TRUCK	2157	FORD F250 3/4T 4WD TRUCK	SCOTTY COFFMAN	Passenger	G-05657	0	0		Y
W	DODGE TRUCK 1/2T RAM 1500	2158	DODGE TRUCK 1/2T RAM 1500	REDONA	Agriculture	G-68520	0	0		Y
W	DODGE TRUCK 1/2T RAM 1500	2159	DODGE TRUCK 1/2T RAM 1500	REDONA	Agriculture	G-68519	0	0		Y
W	DODGE TRUCK 1/2T RAM 1500	2160	DODGE TRUCK 1/2T RAM 1500	DAVID WISE	Agriculture	G-68478	0	0		Y

Vehicle Type: (P)assenger/(W)ork

**VEHICLE INVENTORY
AS OF JUNE 30, 2018**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Vehicle Type	Vehicle Description	Model Year	Model	Person(s) Assigned To	Purpose/Use	Tag Number	Mileage on 6-30-2018	Average Miles per Year	Replacement Proposed	
									FY2019	FY2020
W	DODGE TRUCK 1/2T RAM 1500	2161	DODGE TRUCK 1/2T RAM 1500	DAVID WISE	Agriculture	G-68518	0	0		Y
W	CHEVY SILVERADO 1/2T TRUCK	2162	CHEVY SILVERADO 1/2T TRUCK	EDDIE STEVENS	Agriculture	G-68605	0	0		Y
P	FORD F150 1/2T TRUCK	2163	FORD F150 1/2T TRUCK	LAICHE	Passenger	G-67278	0	0	Y	
W	FORD F250 3/4T TRUCK	2164	FORD F250 3/4T TRUCK	JIMMY PEEPLES	Agriculture	G-72148	0	0		Y
W	FORD F250 3/4T TRUCK	2165	FORD F250 3/4T TRUCK	NORMIE BUEHRING	Agriculture	G-67633	0	0		Y
W	FORD F150 1/2T TRUCK	2166	FORD F150 1/2T TRUCK	MARK SHANKLE	Agriculture	G-67632	0	0		Y
W	FORD F350 1T TRUCK	2167	FORD F350 1T TRUCK	DAVID WISE	Agriculture	G-70367	0	0		Y
P	TRUCK NISSAN FRONTIER 1/4T	2168	TRUCK NISSAN FRONTIER 1/4T	NORMIE BUEHRING	Passenger	G-67827	0	0		Y
W	FORD F450 1/2T TRUCK	2169	FORD F450 1/2T TRUCK	BILLY RUTLAND	Agriculture	G-72152	0	0		Y
W	DODGE RAM 1500 TRUCK 1/2T	2170	DODGE RAM 1500 TRUCK 1/2T	JASON BOND	Agriculture	G-68316	0	0		Y
W	DODGE RAM 1500 TRUCK 1/2T	2171	DODGE RAM 1500 TRUCK 1/2T	BOBBY GOLDEN	Agriculture	G-68417	0	0		Y
W	DODGE RAM 2500 3/4T TRUCK	2172	DODGE RAM 2500 3/4T TRUCK	BOND	Agriculture	G-68753	0	0		Y
W	FORD F350 1T 4WD TRUCK	2173	FORD F350 1T 4WD TRUCK	JOHN UNDERWOOD	Agriculture	G-16755	0	0		Y
P	DODGE RAM 2500 3/4T TRUCK	2174	DODGE RAM 2500 3/4T TRUCK	KENNETH GRAVES	Passenger	G-69905	0	0		Y
P	DODGE RAM 3500 1T TRUCK	2175	DODGE RAM 3500 1T TRUCK	Ashley Shiffler	Passenger	G-69909	0	0		Y
W	DODGE RAM 1500 1/2T TRUCK	2176	DODGE RAM 1500 1/2T TRUCK	BRIAN RUDE	Research	G-70153	0	0		Y

Vehicle Type: (P)assenger/(W)ork

**VEHICLE INVENTORY
AS OF JUNE 30, 2018**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Vehicle Type	Vehicle Description	Model Year	Model	Person(s) Assigned To	Purpose/Use	Tag Number	Mileage on 6-30-2018	Average Miles per Year	Replacement Proposed	
									FY2019	FY2020
W	DODGE RAM 4500 1T TRUCK	2177	DODGE RAM 4500 1T TRUCK	WISE	Agriculture	G-69904	0	0		Y
W	CHEVY SILVERADO 3500 1T TRUCK	2178	CHEVY SILVERADO 3500 1T TRUCK	REYNOLDS	Agriculture	G-70133	0	0		Y
W	TRUCK F-150 1/2T TRUCK	2179	TRUCK F-150 1/2T TRUCK	JEFF JOHNSON	Agriculture	G-72156	0	0	Y	
W	DODGE RAM 1500 1/2T TRUCK	2180	DODGE RAM 1500 1/2T TRUCK	DANIEL RIVERA	Agriculture	G-70365	0	0		Y
P	FORD F150 1/2TON PICKUP TRUCK	2181	FORD F150 1/2TON PICKUP TRUCK	DAVID WISE	Passenger	G-72157	0	0		Y
P	FORD F150 1/2T TRUCK	2182	FORD F150 1/2T TRUCK	TIM BEST	Passenger	G-71682	0	0		Y
P	GMC 1500 1/2T TRUCK	2183	GMC 1500 1/2T TRUCK	Wesley Rogers	Passenger	G-71683	0	0		Y
W	JEEP GRAND CHEROKEE SUV 3.6L V6	2184	JEEP GRAND CHEROKEE SUV 3.6L V6	GORE	Agriculture	G-71745	0	0		Y
W	FORD F-350 1T TRUCK	2185	FORD F-350 1T TRUCK	KEITH DANIELS	Agriculture	G-71699	0	0		Y
W	FORD F250XL 3/4T TRUCK	2186	FORD F250XL 3/4T TRUCK	SEAN HORTON/Russell	Agriculture	G-71772	0	0		Y
W	FORD F350XL 1T TRUCK	2187	FORD F350XL 1T TRUCK	Charles Smith(poole)	Agriculture	G-71770	0	0		Y
W	FORD F150 XL 1/2T TRUCK	2188	FORD F150 XL 1/2T TRUCK	EBELHAR	Agriculture	G-71771	0	0		Y
W	FORD F150 XL 1/2T TRUCK	2189	FORD F150 XL 1/2T TRUCK	KEITH DANIELS	Agriculture	G-72353	0	0		Y
P	FORD F250XL 3/4T 4WD TRUCK	2190	FORD F250XL 3/4T 4WD TRUCK	CASEY BARICKMAN	Passenger	G-72894	0	0		Y
W	FORD F 150 XL 1/2T TRUCK	2191	FORD F 150 XL 1/2T TRUCK	PETER HUDSON	Agriculture	G-70383	0	0		
W	FORD F-350 CREW CAB DRW 4X4 XL	2192	FORD F-350 CREW CAB DRW 4X4 XL	BISOONDAT MACOON	ADMINISTRATION	G-73764	0	0		

Vehicle Type: (P)assenger/(W)ork

**VEHICLE INVENTORY
AS OF JUNE 30, 2018**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Vehicle Type	Vehicle Description	Model Year	Model	Person(s) Assigned To	Purpose/Use	Tag Number	Mileage on 6-30-2018	Average Miles per Year	Replacement Proposed	
									FY2019	FY2020
W	FORD F150 1/2T TRUCK	2193	FORD F150 1/2T TRUCK	ERICKA BAZZILL	ADMINISTRATION	G-73515	0	0		
W	FORD F-150 1/2T TRUCK	2194	FORD F-150 1/2T TRUCK	BROWN	ADMINISTRATION	G-73810	0	0		
W	CHEVY SILVERADO 3500 1T TRUCK	2195	CHEVY SILVERADO 3500 1T TRUCK	BYRD	ADMINISTRATION	G-74780	0	0		
W	FORD TRUCK F150 1/2T	2196	FORD TRUCK F150 1/2T	PATRICIA KNIGHT	ADMINISTRATION	G-75732	0	0		
W	DODGE RAM 2500ST 3/4T PICKUP	2197	DODGE RAM 2500ST 3/4T PICKUP	BRAD BURGESS	Agriculture	G-76410	0	0		
W	DODGE RAM 550 1/2T TRUCK	2198	DODGE RAM 550 1/2T TRUCK	BRAD BURGESS	ADMINISTRATION	9999999	0	0		
W	FORD F150 1/2T TRUCK	2199	FORD F150 1/2T TRUCK	SCOTT LANGLOIS	Agriculture	G-05656	0	434		
W	INTERNATIONAL TRUCK	2200	INTERNATIONAL TRUCK	TRACY BROWN	Agriculture	9999999	0	89		
W	INTERNATIONAL TRUCK	2201	INTERNATIONAL TRUCK	NORMIE BUEHRING	Agriculture	9999999	0	39		
W	CHEVY SILVERADO 1500 1/2T TRUCK	2202	CHEVY SILVERADO 1500 1/2T TRUCK	NORMIE BEUHRING	Agriculture	9999999	0	377		
W	FORD F150 XL 1/2T TRUCK	2203	FORD F150 XL 1/2T TRUCK	RIGGINS	Agriculture	G-79243	0	0		
W	DODGE RAM 2500 3/4T 4WD TRUCK	2204	DODGE RAM 2500 3/4T 4WD TRUCK		Facilities Management	G-17655	0	0	Y	
W	FORD F350 1T TRUCK	2205	FORD F350 1T TRUCK	DANIEL RIVERA	ADMINISTRATION	G-79927	0	0		
W	FORD F150 XL 1/2T TRUCK	2206	FORD F150 XL 1/2T TRUCK	DAN REYNOLDS	Agriculture	9999999	7	0		

**VEHICLE POOL MEMBER LIST
2020 BUDGET REQUEST**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

**PRIORITY OF DECISION UNITS
FISCAL YEAR 2020**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Program	Decision Unit	Object	Amount
Priority # 1			
Program # 1: Plant Systems			
	Health Plan Increase	Salaries	10,878
		Totals	10,878
		General Funds	10,878
	PERS Increase	Salaries	163,014
		Totals	163,014
		General Funds	163,014
	Recover FY2016 Appropriations	Salaries	1,421,340
		Travel	42,512
		Contractual	15,000
		Commodities	20,000
		Totals	1,498,852
		General Funds	1,498,852
Program # 2: Animal Systems			
	Health Plan Increase	Salaries	3,751
		Totals	3,751
		General Funds	3,751
	PERS increase	Salaries	56,212
		Totals	56,212
		General Funds	56,212
	Recover FY2016 Appropriations	Salaries	281,455
		Travel	10,000
		Contractual	3,000
		Commodities	4,000
		Totals	298,455
		General Funds	298,455
Program # 3: Health And Sustainable Communities			
	Health Plan Increase	Salaries	4,126
		Totals	4,126
		General Funds	4,126
	PERS Increase	Salaries	61,833
		Totals	61,833

**PRIORITY OF DECISION UNITS
FISCAL YEAR 2020**

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

Program	Decision Unit	Object	Amount
		General Funds	61,833
	Recover FY2016 Appropriations		
		Salaries	129,600
		Travel	5,000
		Contractual	1,500
		Commodities	2,000
		Totals	138,100
		General Funds	138,100

CAPITAL LEASES

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

Name of Agency

VENDOR/ ITEM LEASED	Original Date of Lease	Original No. of Months of Lease	No. of Months Remaining on 6-30-18	Last Payment Date	Interest Rate	Amount of Each Payment			Total of Payments To Be Made					
						Actual FY 2018			Estimated FY 2019			Requested FY 2020		
						Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total

Summary of 3% General Fund Program Reduction to FY 2019 Appropriated Funding by Major Object

MS State Univ - Agricultural & Forestry Experiment Station (422-00)

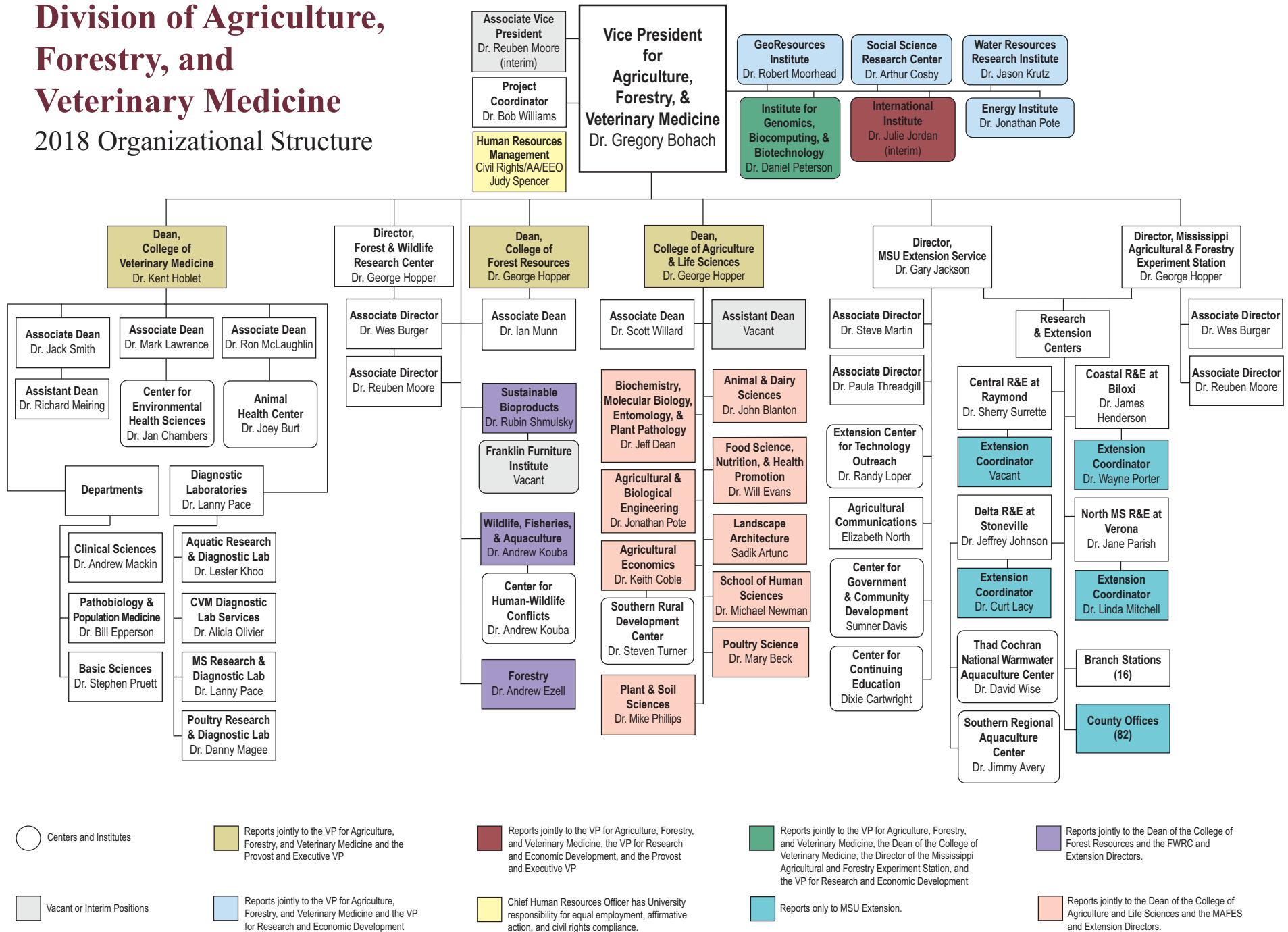
Name of Agency

Major Object	FY2019 General Fund Reduction	EFFECT ON FY2019 STATE SUPPORT SPECIAL FUNDS	EFFECT ON FY2019 FEDERAL FUNDS	EFFECT ON FY2019 OTHER SPECIAL FUNDS	TOTAL 3% REDUCTIONS
SALARIES, WAGES, FRINGE	(464,906)				(464,906)
TRAVEL	(4,061)				(4,061)
CONTRACTUAL	(125,543)				(125,543)
COMMODITIES	(61,306)				(61,306)
OTHER THAN EQUIPMENT					
EQUIPMENT	(315)				(315)
VEHICLES					
WIRELESS COMM. DEVS.					
SUBSIDIES, LOANS, ETC					
TOTALS	(656,131)				(656,131)

Division of Agriculture, Forestry, and Veterinary Medicine

2018 Organizational Structure



30-1



BOARD OF TRUSTEES OF STATE
INSTITUTIONS OF HIGHER LEARNING
STATE OF MISSISSIPPI

Schedule A
Salaries & Wages

Agency: 422-00 Mississippi Agricultural and Forestry Experiment Station

	Actual Expenses FY Ending 30-Jun-18		Estimated Expenses FY Ending 30-Jun-19		Required for FY Ending 30-Jun-20	
	FTE	Dollars	FTE	Dollars	FTE	Dollars
Current Positions:						
1100- Exec., Admin, & Managerial	1.99	405,914	2.10	446,376	2.10	446,376
1200- Faculty						
9 month	21.57	2,212,508	26.81	2,261,864	26.81	2,261,864
12 month	46.59	5,011,726	56.78	5,923,565	56.78	5,923,565
Total Faculty	68.16	7,224,234	83.59	8,185,429	83.59	8,185,429.00
1300- Professional Non- Faculty	70.40	3,543,965	62.07	3,330,921	62.07	3,330,921
1400-Technical & Paraprofessional	14.15	508,538	16.83	1,178,549	16.83	1,178,549
1500- Clerical & Secretarial	22.86	829,032	22.81	831,619	22.81	831,619
1600-Skilled Crafts	8.57	312,391	7.87	292,642	7.87	292,642
1700- Services/Maintenance	44.93	1,347,031	43.99	1,392,051	43.99	1,392,051
1800-Students	<u>41.93</u>	<u>1,293,027</u>	<u>33.74</u>	<u>1,074,894</u>	<u>33.74</u>	<u>1,074,894</u>
TOTAL	273.00	15,464,132	273.00	16,732,481	273.00	16,732,481.00
NEW POSITIONS REQUIRED FOR FY 2020:					FTE	Dollars
1100- Exec., Admin, & Managerial					0.00	-
1200- Faculty						
9 month					10.00	680,000
12 month					3.00	246,000
1300- Professional Non- Faculty					0.00	-
1400-Technical & Paraprofessional					5.00	175,000
1500- Clerical & Secretarial					4.00	112,000
1600-Skilled Crafts					0.00	-
1700- Services/Maintenance					0.00	-
1800-Students					<u>4.50</u>	<u>166,500</u>
TOTAL	26.50	1,379,500				
PROMOTIONS, REALIGNMENTS, RECLASSIFICATIONS FOR FY 2020:					Dollars	
1100- Exec., Admin, & Managerial					0	
1200- Faculty						
9 month					0	
12 month					0	
1300- Professional Non- Faculty					0	
1400-Technical & Paraprofessional					0	
1500- Clerical & Secretarial					0	
1600-Skilled Crafts					0	
1700- Services/Maintenance					0	
1800-Students					<u>0</u>	
TOTAL	0					
GRAND TOTAL Salaries & Wages	273.00	15,464,132	273.00	16,732,481	299.50	18,111,981

BOARD OF TRUSTEES OF STATE
INSTITUTIONS OF HIGHER LEARNING
STATE OF MISSISSIPPI

Schedule A-1
Fringe Benefits

Agency: **422-00 Mississippi Agricultural and Forestry Experiment Station**

	Actual Expenses FY Ending 30-Jun-18	Estimated Expenses FY Ending 30-Jun-19	Required for FY Ending 30-Jun-20
Current Positions:			
3910- Employees' Retirement Matching	2,298,672	2,487,070	2,487,070
3920- FICA Matching	1,016,432	1,239,805	1,239,805
3930- Workers' Compensation	65,142	71,897	71,897
3940- Health Insurance Contribution	1,026,462	1,078,474	1,078,474
3950- Group Life Insurance	16,839	22,433	22,433
3960-Civil Service (Agricultural Units)	-	-	-
3970- Unemployment Tax	10,650	16,789	16,789
3980- Remission of Fees	213,087	228,562	228,562
TOTAL Fringe Benefits for Continuing Employee	4,647,284	5,145,030	5,145,030
ESTIMATED FRINGE BENEFITS REQUIRED FOR NEW POSITIONS FOR FY 2020:			
3910- Employees' Retirement Matching			224,839
3920- FICA Matching			105,532
3930- Workers' Compensation			7,726
3940- Health Insurance Contribution			114,798
3950- Group Life Insurance			-
3960-Civil Service (Agricultural Units)			-
3970- Unemployment Tax			-
3980- Remission of Fees			-
TOTAL Fringe Benefits for Continuing Employee			452,895
FRINGE BENEFITS FOR PROMOTIONS, REALIGNMENTS, RECLASSIFICATIONS FOR FY 2020:			
3910- Employees' Retirement Matching			281,059
3920- FICA Matching			0
3930- Workers' Compensation			0
3940- Health Insurance Contribution			18,755
3950- Group Life Insurance			0
3960-Civil Service (Agricultural Units)			0
3970- Unemployment Tax			0
3980- Remission of Fees			0
TOTAL Fringe Benefits for Promotions, etc.			299,814
GRAND TOTAL Fringe Benefits	4,647,284	5,145,030	5,897,739
SUBTOTAL SALARIES, WAGES, & FRINGE BENEFITS	20,111,417	21,877,511	24,009,720
LESS VACANCY RATE	NA	-	-
TOTAL SALARIES, WAGES, & FRINGE BENEFITS	20,111,417	21,877,511	24,009,720

Agency Revenue Source Report - FY2018 Data
 As Required by HB 831, 2015 Legislative Session
 And SB 2387, 2016 Legislative Session

Agency Name	MS State Univ - Agricultural & Forestry Experiment Station 422-00
Budget Year	FY 2018
State Support Sources	Amount Received
General Funds	21,403,368
State Support Special Funds:	Amount Received
Education Enhancement Funds	1,165,578
Health Care Expendable Funds	
Tobacco Control Funds	
Capital Expense Funds	
Budget Contingency Funds	
Working Cash Stabilization Reserve Funds	

List all Federal Funds at its most specific level, such as an office or division, include name of grant, grantor, not the federal department.

<u>Federal Funds</u>	Amount Received	Action or results promised in order to receive funds
Hatch (Regular)	4,310,274	MAFES will use Hatch Regular Funds to promote the efficient production, marketing, distribution, and utilization of farm products essential to the health and welfare of our peoples and to promote a sound and prosperous agriculture and rural life indispensable to maximum employment, prosperity, and security.
Hatch (Multistate)	415,927	MAFES Hatch Multistate Funds are used to conduct research by institutions within a State and by institutions in multiple States to solve problems that concern more than one State. The agricultural research focus is the same as the Hatch Regular Funds above.
Animal Health	64,193	MAFES is awarded Animal Health funds to conduct animal health and disease research in accordance with NARETPA section 1433(c).
Description of any Maintenance of Effort agreements entered into with any federal agency or subdivision thereof		

Special Funds	Amount Received
Sales and Services	3,262,128

Add Rows for Additional Special Funds

Revenue from Tax, Fine or Fee Assessed	Amount Assessed	N/A
Tax, Fine or Fee #1	Amount Collected	See IHL Year-end Financial Summary, available October 2018
Authority to Collect	Authority to Collect	
Method of Determining Assessment	Method of Determining Assessment	
Method of Collection	Method of Collection	
Amt. & Purpose for which Expended	Amt. & Purpose for which Expended	
Amount	Amount	Purpose
Amount Transferred to General Fund	Amount Transferred to General Fund	
Authority for Transfer to General Fund	Authority for Transfer to General Fund	
Amount Transferred to Another Entity	Amount Transferred to Another Entity	
Authority for Transfer to Other Entity	Authority for Transfer to Other Entity	
Name of Other Entity	Name of Other Entity	
Fiscal Year-Ending Balance	Fiscal Year-Ending Balance	