

MS State Univ - Agricultural &amp; Forestry Experiment Stat Box 9740

Dr. Mark Keenum/Dr. Keith Coble

AGENCY		ADDRESS		CHIEF EXECUTIVE OFFICER	
		Actual Expenses June 30,2021	Estimated Expenses June 30,2022	Requested For June 30,2023	Requested Over/(Under) Estimated
I. A. PERSONAL SERVICES					AMOUNT PERCENT
1. Salaries, Wages & Fringe Benefits (Base)		20,823,571	22,558,834	23,151,475	
a. Additional Compensation				1,088,429	
b. Proposed Vacancy Rate (Dollar Amount)					
c. Per Diem					
<b>Total Salaries, Wages &amp; Fringe Benefits</b>		<b>20,823,571</b>	<b>22,558,834</b>	<b>24,239,904</b>	<b>1,681,070 7.45%</b>
2. Travel					
a. Travel & Subsistence (In-State)		26,538	125,090	129,090	4,000 3.20%
b. Travel & Subsistence (Out-Of-State)		6,924	187,636	193,636	6,000 3.20%
c. Travel & Subsistence (Out-Of-Country)					
<b>Total Travel</b>		<b>33,462</b>	<b>312,726</b>	<b>322,726</b>	<b>10,000 3.20%</b>
<b>B. CONTRACTUAL SERVICE S (Schedule B)</b>					
a. Tuition, Rewards & Awards		119,883	124,018	144,018	20,000 16.13%
b. Communications, Transportation & Utilities		2,305,403	2,791,984	2,928,984	137,000 4.91%
c. Public Information		4,242	4,328	4,328	
d. Rents		196,912	236,336	236,336	
e. Repairs & Service		955,846	1,024,624	1,085,624	61,000 5.95%
f. Fees, Professional & Other Services		306,018	356,500	406,500	50,000 14.03%
g. Other Contractual Services		1,130,979	1,254,216	1,302,770	48,554 3.87%
h. Data Processing		160,345	163,099	168,099	5,000 3.07%
i. Other					
<b>Total Contractual Services</b>		<b>5,179,628</b>	<b>5,955,105</b>	<b>6,276,659</b>	<b>321,554 5.40%</b>
<b>C. COMMODITIES (Schedule C)</b>					
a. Maintenance & Construction Materials & Supplies		340,191	319,698	345,891	26,193 8.19%
b. Printing & Office Supplies & Materials		92,943	87,345	94,501	7,156 8.19%
c. Equipment, Repair Parts, Supplies & Accessories		720,675	677,265	732,751	55,486 8.19%
d. Professional & Scientific Supplies & Materials		559,809	526,087	569,188	43,101 8.19%
e. Other Supplies & Materials		1,754,263	1,648,594	1,783,658	135,064 8.19%
<b>Total Commodities</b>		<b>3,467,881</b>	<b>3,258,989</b>	<b>3,525,989</b>	<b>267,000 8.19%</b>
<b>D. CAPITAL OUTLAY</b>					
1. Total Other Than Equipment (Schedule D-1)		137,440			
2. Equipment (Schedule D-2)					
b. Road Machinery, Farm & Other Working Equipment		841,679			
c. Office Machines, Furniture, Fixtures & Equipment		19,755			
d. IS Equipment (Data Processing & Telecommunications)		72,391			
e. Equipment - Lease Purchase					
f. Other Equipment		196,321	10,504	10,504	
<b>Total Equipment (Schedule D-2)</b>		<b>1,130,146</b>	<b>10,504</b>	<b>10,504</b>	
3. Vehicles (Schedule D-3)					
4. Wireless Comm. Devices (Schedule D-4)					
<b>E. SUBSIDIES, LOANS &amp; GRANTS (Schedule E)</b>					
<b>TOTAL EXPENDITURES</b>		<b>30,772,128</b>	<b>32,096,158</b>	<b>34,375,782</b>	<b>2,279,624 7.10%</b>
<b>II. BUDGET TO BE FUNDED AS FOLLOWS:</b>					
Cash Balance-Unencumbered					
General Fund Appropriation (Enter General Fund Lapse Below)		21,400,867	21,740,924	24,020,548	2,279,624 10.49%
State Support Special Funds		1,165,578	1,285,578	1,285,578	
Federal Funds		3,944,983	5,198,426	5,198,426	
Other Special Funds (Specify)					
Sales and Services/Contingency		4,260,700	3,871,230	3,871,230	
Less: Estimated Cash Available Next Fiscal Period					
<b>TOTAL FUNDS (equals Total Expenditures above)</b>		<b>30,772,128</b>	<b>32,096,158</b>	<b>34,375,782</b>	<b>2,279,624 7.10%</b>
GENERAL FUND LAPSE					
<b>III: PERSONNEL DATA</b>					
Number of Positions Authorized in Appropriation Bill					
a.) Perm Full	274	249	257	8	3.21%
b.) Perm Part					
c.) T-L Full					
d.) T-L Part					
Average Annual Vacancy Rate (Percentage)		0.04	0.04	0.04	
a.) Perm Full					
b.) Perm Part					
c.) T-L Full					
d.) T-L Part					

Approved by: Mark Keenum/Keith Coble

Submitted by: Don Zant/Anne Cook

Date : 7/27/2021 4:58 PM

Official of Board or Commission

Budget Officer: Don Zant/Anne Cook / anne.cook@msstate.edu

Phone Number: 662.325.8104

Title : Budget Officer

REQUEST BY FUNDING SOURCE

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

Specify Funding Sources As Shown Below	FY 2021 Actual Amount	% of Line Item	% of Total Budget	FY 2022 Estimated Amount	% of Line Item	% of Total Budget	FY 2023 Requested Amount	% of Line Item	% of Total Budget
1. General _____ State Support Special (Specify) _____	15,077,672	72.41%		15,353,749	68.06%		17,034,819	70.28%	
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. BP Settlement Fund									
9. Gulf Coast Restoration Fund									
10. Back To Business Mississippi Grant Fund									
11. MS COVID-19 Relief Payment Fund									
12. DFA CARES Act COVID-19 Fund									
13. MS Tourism Recovery Fund									
14. MS Nonprofit Museums Recovery Fund									
15. Equity in Distance Learning Fund									
16. Postsecondary Education COVID-19 Relief Grant Fund									
17. Independent Schools' COVID-19 Assistance Grant Fund									
18. MS Pandemic Response Broadband Availability Grant Program Fund									
19. MS Emergency Management Agency COVID-19 Fund									
20. MS Electric Cooperatives Broadband COVID-19 Grant Program Fund									
21. COVID-19 Broadband Provider Grant Program Fund									
22. Rental Assistance Grant Program Fund									
23. ICU Infrastructure Fund									
24. Poultry Farmer Stabilization Grant Program Fund									
25. Mississippi Supplemental CFAP Grant Program Fund									
26. Sweet Potato Farm Sustainment Grant Program Fund									
27. Coronavirus Local Fiscal Recovery Fund									
28. Coronavirus State Fiscal Recovery Fund									
29. Federal _____ Other Special (Specify) _____	2,862,673	13.75%		4,370,655	19.37%		4,370,655	18.03%	
30. Sales and Services/Contingency	2,883,226	13.85%		2,834,430	12.56%		2,834,430	11.69%	
31.									
32.									
33.									
<b>Total Salaries</b>	<b>20,823,571</b>		<b>67.67%</b>	<b>22,558,834</b>		<b>70.29%</b>	<b>24,239,904</b>		<b>70.51%</b>

REQUEST BY FUNDING SOURCE

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1. General _____ State Support Special (Specify) _____	14,080	42.08%		221,869	70.95%		231,869	71.85%	
2. Budget Contingency Fund									
3. Education Enhancement Fund	4,493	13.43%		42,200	13.49%		42,200	13.08%	
4. Health Care Expendable Fund									
5. Tobacco Control Fund									
6. Capital Expense Fund									
7. Working Cash Stabilization Reserve Fund									
8. BP Settlement Fund									
9. Gulf Coast Restoration Fund									
10. Back To Business Mississippi Grant Fund									
11. MS COVID-19 Relief Payment Fund									
12. DFA CARES Act COVID-19 Fund									
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24. Poultry Farmer Stabilization Grant Program Fund									
25. Mississippi Supplemental CFAP Grant Program Fund									
26. Sweet Potato Farm Sustainment Grant Program Fund									
27. Coronavirus Local Fiscal Recovery Fund									
28. Coronavirus State Fiscal Recovery Fund									
29. Federal _____ Other Special (Specify) _____	9,579	28.63%		14,624	4.68%		14,624	4.53%	
30. Sales and Services/Contingency	5,310	15.87%		34,033	10.88%		34,033	10.55%	
31.									
32.									
33.									
<b>Total Travel</b>	<b>33,462</b>		<b>0.11%</b>	<b>312,726</b>		<b>0.97%</b>	<b>322,726</b>		<b>0.94%</b>

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1. General _____ State Support Special (Specify) _____	3,535,121	68.25%		4,309,269	72.36%		4,630,823	73.78%	
2. Budget Contingency Fund									
3. Education Enhancement Fund	695,459	13.43%		753,600	12.65%		753,600	12.01%	
4. Health Care Expendable Fund									
5. Tobacco Control Fund									
6. Capital Expense Fund				50,000	0.84%		50,000	0.80%	
7. Working Cash Stabilization Reserve Fund									
8. BP Settlement Fund									
9. Gulf Coast Restoration Fund									
10. Back To Business Mississippi Grant Fund									
11. MS COVID-19 Relief Payment Fund									
12. DFA CARES Act COVID-19 Fund									
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25. Mississippi Supplemental CFAP Grant Program Fund									
26. Sweet Potato Farm Sustainment Grant Program Fund									
27. Coronavirus Local Fiscal Recovery Fund									
28. Coronavirus State Fiscal Recovery Fund									
29. Federal _____ Other Special (Specify) _____	127,158	2.45%		194,143	3.26%		194,143	3.09%	
30. Sales and Services/Contingency	821,890	15.87%		648,093	10.88%		648,093	10.33%	
31.									
32.									
33.									
<b>Total Contractual</b>	<b>5,179,628</b>		<b>16.83%</b>	<b>5,955,105</b>		<b>18.55%</b>	<b>6,276,659</b>		<b>18.26%</b>

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1. General _____ State Support Special (Specify) _____	2,046,547	59.01%		1,845,533	56.63%		2,112,533	59.91%	
2. Budget Contingency Fund									
3. Education Enhancement Fund	465,626	13.43%		439,778	13.49%		439,778	12.47%	
4. Health Care Expendable Fund									
5. Tobacco Control Fund									
6. Capital Expense Fund									
7. Working Cash Stabilization Reserve Fund									
8. BP Settlement Fund									
9. Gulf Coast Restoration Fund									
10. Back To Business Mississippi Grant Fund									
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24. Poultry Farmer Stabilization Grant Program Fund									
25. Mississippi Supplemental CFAP Grant Program Fund									
26. Sweet Potato Farm Sustainment Grant Program Fund									
27. Coronavirus Local Fiscal Recovery Fund									
28. Coronavirus State Fiscal Recovery Fund									
29. Federal _____ Other Special (Specify) _____	405,434	11.69%		619,004	18.99%		619,004	17.56%	
30. Sales and Services/Contingency	550,274	15.87%		354,674	10.88%		354,674	10.06%	
31.									
32.									
33.									
<b>Total Commodities</b>	<b>3,467,881</b>		<b>11.27%</b>	<b>3,258,989</b>		<b>10.15%</b>	<b>3,525,989</b>		<b>10.26%</b>

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1. General _____ State Support Special (Specify) _____	137,440	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									
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24. Poultry Farmer Stabilization Grant Program Fund									
25. Mississippi Supplemental CFAP Grant Program Fund									
26. Sweet Potato Farm Sustainment Grant Program Fund									
27. Coronavirus Local Fiscal Recovery Fund									
28. Coronavirus State Fiscal Recovery Fund									
29. Federal _____ Other Special (Specify) _____									
30. Sales and Services/Contingency									
31.									
32.									
33.									
<b>Total Capital Other Than Equipment</b>	<b>137,440</b>		<b>0.45%</b>						

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1. General _____ State Support Special (Specify) _____	590,007	52.21%		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. BP Settlement Fund									
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25. Mississippi Supplemental CFAP Grant Program Fund									
26. Sweet Potato Farm Sustainment Grant Program Fund									
27. Coronavirus Local Fiscal Recovery Fund									
28. Coronavirus State Fiscal Recovery Fund									
29. Federal _____ Other Special (Specify) _____	540,139	47.79%							
30. Sales and Services/Contingency									
31.									
32.									
33.									
<b>Total Capital Equipment</b>	<b>1,130,146</b>		<b>3.67%</b>	<b>10,504</b>		<b>0.03%</b>	<b>10,504</b>		<b>0.03%</b>

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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									
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24. Poultry Farmer Stabilization Grant Program Fund									
25. Mississippi Supplemental CFAP Grant Program Fund									
26. Sweet Potato Farm Sustainment Grant Program Fund									
27. Coronavirus Local Fiscal Recovery Fund									
28. Coronavirus State Fiscal Recovery Fund									
29. Federal _____ Other Special (Specify) _____									
30. Sales and Services/Contingency									
31.									
32.									
33.									
Total Vehicles									



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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									
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23. ICU Infrastructure Fund									
24. Poultry Farmer Stabilization Grant Program Fund									
25. Mississippi Supplemental CFAP Grant Program Fund									
26. Sweet Potato Farm Sustainment Grant Program Fund									
27. Coronavirus Local Fiscal Recovery Fund									
28. Coronavirus State Fiscal Recovery Fund									
29. Federal _____ Other Special (Specify) _____									
30. Sales and Services/Contingency									
31.									
32.									
33.									
Total Wireless Communication Devs.									

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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									
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25. Mississippi Supplemental CFAP Grant Program Fund									
26. Sweet Potato Farm Sustainment Grant Program Fund									
27. Coronavirus Local Fiscal Recovery Fund									
28. Coronavirus State Fiscal Recovery Fund									
29. Federal _____ Other Special (Specify) _____									
30. Sales and Services/Contingency									
31.									
32.									
33.									
Total Subsidies									

REQUEST BY FUNDING SOURCE

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1. General _____ State Support Special (Specify) _____	21,400,867	69.55%		21,740,924	67.74%		24,020,548	69.88%	
2. Budget Contingency Fund									
3. Education Enhancement Fund	1,165,578	3.79%		1,235,578	3.85%		1,235,578	3.59%	
4. Health Care Expendable Fund									
5. Tobacco Control Fund									
6. Capital Expense Fund				50,000	0.16%		50,000	0.15%	
7. Working Cash Stabilization Reserve Fund									
8. BP Settlement Fund									
9. Gulf Coast Restoration Fund									
10. Back To Business Mississippi Grant Fund									
11. MS COVID-19 Relief Payment Fund									
12. DFA CARES Act COVID-19 Fund									
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25. Mississippi Supplemental CFAP Grant Program Fund									
26. Sweet Potato Farm Sustainment Grant Program Fund									
27. Coronavirus Local Fiscal Recovery Fund									
28. Coronavirus State Fiscal Recovery Fund									
29. Federal _____ Other Special (Specify) _____	3,944,983	12.82%		5,198,426	16.20%		5,198,426	15.12%	
30. Sales and Services/Contingency	4,260,700	13.85%		3,871,230	12.06%		3,871,230	11.26%	
31.									
32.									
33.									
<b>TOTAL</b>	<b>30,772,128</b>		<b>100.00%</b>	<b>32,096,158</b>		<b>100.00%</b>	<b>34,375,782</b>		<b>100.00%</b>

## SPECIAL FUNDS DETAIL

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

Name of Agency

<b>S. STATE SUPPORT SPECIAL FUNDS</b>			<b>(1) Actual Revenues FY 2021</b>	<b>(2) Estimated Revenues FY 2022</b>	<b>(3) Requested Revenues FY 2023</b>
<b>Source (Fund Number)</b>	<b>Detailed Description of Source</b>				
Budget Contingency Fund	BCF - Budget Contingency Fund				
Education Enhancement Fund	EEF - Education Enhancement Fund		1,165,578	1,235,578	1,235,578
Health Care Expendable Fund	HCEF - Health Care Expendable Fund				
Tobacco Control Fund	TCF - Tobacco Control Fund				
Capital Expense Fund	CEF - Capital Expense Fund			50,000	50,000
Working Cash Stabilization Reserve Fund	WCSRF - Working Cash Stabilization Reserve Fund				
BP Settlement Fund	BPSF - BP Settlement Fund				
Gulf Coast Restoration Fund	GCRF - Gulf Coast Restoration Fund				
Back To Business Mississippi Grant Fund	BTBMGF - Back To Business Mississippi Grant Fund				
MS COVID-19 Relief Payment Fund	MCRPF - MS COVID-19 Relief Payment Fund				
DFA CARES Act COVID-19 Fund	DCACF - DFA CARES Act COVID-19 Fund				
MS Tourism Recovery Fund	MTRF - MS Tourism Recovery Fund				
MS Nonprofit Museums Recovery Fund	MNMRF - MS Nonprofit Museums Recovery Fund				
Equity in Distance Learning Fund	EIDLF - Equity in Distance Learning Fund				
Postsecondary Education COVID-19 Relief Grant Fund	PECMRGF - Postsecondary Education COVID-19 Relief Grant Fund				
Independent Schools' COVID-19 Assistance Grant Fund	ISCAGF - Independent Schools' COVID-19 Assistance Grant Fund				
MS Pandemic Response Broadband Availability Grant Program Fund	MPRBAGPF - MS Pandemic Response Broadband Availability Grant Program Fund				
MS Emergency Management Agency COVID-19 Fund	MEMACF - MS Emergency Management Agency COVID-19 Fund				
MS Electric Cooperatives Broadband COVID-19 Grant Program Fund	MECBCGPF - MS Electric Cooperatives Broadband COVID-19 Grant Program Fund				
COVID-19 Broadband Provider Grant Program Fund	CBPGPF - COVID-19 Broadband Provider Grant Program Fund				
Rental Assistance Grant Program Fund	RAGPF - Rental Assistance Grant Program Fund				
ICU Infrastructure Fund	IIF - ICU Infrastructure Fund				
Poultry Farmer Stabilization Grant Program Fund	PFSGPF - Poultry Farmer Stabilization Grant Program Fund				
Mississippi Supplemental CFAP Grant Program Fund	MSCGPF - Mississippi Supplemental CFAP Grant Program Fund				
Sweet Potato Farm Sustainment Grant Program Fund	SPFSGPF - Sweet Potato Farm Sustainment Grant Program Fund				
Coronavirus Local Fiscal Recovery Fund	CLFRF - Coronavirus Local Fiscal Recovery Fund				
Coronavirus State Fiscal Recovery Fund	CSFRF - Coronavirus State Fiscal Recovery Fund				
<b>State Support Special Fund TOTAL</b>			<b>1,165,578</b>	<b>1,285,578</b>	<b>1,285,578</b>
STATE SUPPORT SPECIAL FUND LAPSE					

<b>A. FEDERAL FUNDS *</b>		<b>Percentage Match Requirement</b>	<b>(1) Actual Revenues FY 2021</b>	<b>(2) Estimated Revenues FY 2022</b>	<b>(3) Requested Revenues FY 2023</b>
<b>Source (Fund Number)</b>	<b>Detailed Description of Source</b>	<b>FY 2022 FY 2023</b>			
	Cash Balance-Unencumbered				
Hatch (Regular) ()		100.00 100.00	3,147,875	3,893,023	3,893,023

## SPECIAL FUNDS DETAIL

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

Name of Agency

Hatch (Multistate) ()		110.00	110.00	733,147	1,215,654	1,215,654
Animal Health ()		0.00	0.00	63,961	89,749	89,749
<b>Federal Fund TOTAL</b>				<b>3,944,983</b>	<b>5,198,426</b>	<b>5,198,426</b>

<b>B. OTHER SPECIAL FUNDS (NON-FED'L)</b>		<b>(1) Actual Revenues FY 2021</b>	<b>(2) Estimated Revenues FY 2022</b>	<b>(3) Requested Revenues FY 2023</b>
<b>Source (Fund Number)</b>	<b>Detailed Description of Source</b>			
	Cash Balance-Unencumbered			
Sales and Services/Contingency ()		4,260,700	3,871,230	3,871,230
<b>Other Special Fund TOTAL</b>		<b>4,260,700</b>	<b>3,871,230</b>	<b>3,871,230</b>

<b>SECTIONS S + A + B TOTAL</b>	<b>9,371,261</b>	<b>10,355,234</b>	<b>10,355,234</b>
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<b>C. TREASURY FUND/BANK ACCOUNTS *</b>			<b>(1) Reconciled Balance as of 6/30/21</b>	<b>(2) Balance as of 6/30/22</b>	<b>(3) Balance as of 6/30/23</b>
<b>Name of Fund/Account</b>	<b>Fund/Account Number</b>	<b>Name of Bank (If Applicable)</b>			

\* 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)

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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 2021 Actual				
	(1) General	(2) State Support Special	(3) Federal	(4) Other Special	(5) Total
Salaries,Wages & Fringe	15,077,672		2,862,673	2,883,226	20,823,571
Travel	14,080	4,493	9,579	5,310	33,462
Contractual Services	3,535,121	695,459	127,158	821,890	5,179,628
Commodities	2,046,547	465,626	405,434	550,274	3,467,881
Other Than Equipment	137,440				137,440
Equipment	590,007		540,139		1,130,146
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>21,400,867</b>	<b>1,165,578</b>	<b>3,944,983</b>	<b>4,260,700</b>	<b>30,772,128</b>
No. of Positions (FTE)	201.86		37.67	34.47	274.00

	FY 2022 Estimated				
	(6) General	(7) State Support Special	(8) Federal	(9) Other Special	(10) Total
Salaries,Wages & Fringe	15,353,749		4,370,655	2,834,430	22,558,834
Travel	221,869	42,200	14,624	34,033	312,726
Contractual Services	4,309,269	803,600	194,143	648,093	5,955,105
Commodities	1,845,533	439,778	619,004	354,674	3,258,989
Other Than Equipment					
Equipment	10,504				10,504
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>21,740,924</b>	<b>1,285,578</b>	<b>5,198,426</b>	<b>3,871,230</b>	<b>32,096,158</b>
No. of Positions (FTE)	168.44		48.24	32.32	249.00

	FY 2023 Increase/Decrease for Continuation				
	(11) General	(12) State Support Special	(13) Federal	(14) Other Special	(15) Total
Salaries,Wages & Fringe	1,681,070				1,681,070
Travel	10,000				10,000
Contractual Services	321,554				321,554
Commodities	267,000				267,000
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>2,279,624</b>				<b>2,279,624</b>
No. of Positions (FTE)	7.95				7.95

Note: FY2023 Total Request = FY2022 Estimated + FY2023 Incr(Decr) for Continuation + FY2023 Expansion/Reduction of Existing Activities + FY2023 New Activities.

**CONTINUATION AND EXPANDED TOTAL REQUEST**

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

SUMMARY OF ALL PROGRAMS

Name of Agency	Program				
	FY 2023 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					
<b>Total</b>					
No. of Positions (FTE)					

	FY 2023 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					
<b>Total</b>					
No. of Positions (FTE)					

	FY 2023 Total Request				
	(26) General	(27) State Support Special	(28) Federal	(29) Other Special	(30) Total
Salaries,Wages & Fringe	17,034,819		4,370,655	2,834,430	24,239,904
Travel	231,869	42,200	14,624	34,033	322,726
Contractual Services	4,630,823	803,600	194,143	648,093	6,276,659
Commodities	2,112,533	439,778	619,004	354,674	3,525,989
Other Than Equipment					
Equipment	10,504				10,504
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>24,020,548</b>	<b>1,285,578</b>	<b>5,198,426</b>	<b>3,871,230</b>	<b>34,375,782</b>
No. of Positions (FTE)	176.39		48.24	32.32	256.95

Note: FY2023 Total Request = FY2022 Estimated + FY2023 Incr(Decr) for Continuation + FY2023 Expansion/Reduction of Existing Activities + FY2023 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 2023**

	PROGRAM	GENERAL	ST. SUPP. SPECIAL	FEDERAL	OTHER SPECIAL	TOTAL
1.	Plant Systems	15,210,505	1,118,422	3,139,841	2,503,113	21,971,881
2.	Animal Systems	4,119,165	92,364	924,629	619,499	5,755,657
3.	Health & Sustainable Communities	4,690,878	74,792	1,133,956	748,618	6,648,244
	Summary of All Programs	24,020,548	1,285,578	5,198,426	3,871,230	34,375,782

CONTINUATION AND EXPANDED REQUEST

Program 1 of 3

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

Plant Systems

Name of Agency

Program

	FY 2021 Actual				
	(1) General	(2) State Support Special	(3) Federal	(4) Other Special	(5) Total
Salaries,Wages & Fringe	8,577,341		1,465,663	618,478	10,661,482
Travel	7,115	2,270	4,840	2,683	16,908
Contractual Services	1,983,752	390,260	71,355	461,208	2,906,575
Commodities	1,215,755	276,606	240,849	326,892	2,060,102
Other Than Equipment	77,097				77,097
Equipment	265,902		481,753		747,655
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>12,126,962</b>	<b>669,136</b>	<b>2,264,460</b>	<b>1,409,261</b>	<b>16,469,819</b>
No. of Positions (FTE)	132.64		22.67	9.56	164.87

	FY 2022 Estimated				
	(6) General	(7) State Support Special	(8) Federal	(9) Other Special	(10) Total
Salaries,Wages & Fringe	8,213,072		2,414,025	1,832,725	12,459,822
Travel	65,137	14,371	4,980	22,006	106,494
Contractual Services	3,989,126	714,576	172,635	419,052	5,295,389
Commodities	1,719,212	389,475	548,201	229,330	2,886,218
Other Than Equipment					
Equipment	5,252				5,252
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>13,991,799</b>	<b>1,118,422</b>	<b>3,139,841</b>	<b>2,503,113</b>	<b>20,753,175</b>
No. of Positions (FTE)	104.35		30.67	23.28	158.30

	FY 2023 Increase/Decrease for Continuation				
	(11) General	(12) State Support Special	(13) Federal	(14) Other Special	(15) Total
Salaries,Wages & Fringe	825,303				825,303
Travel	4,325				4,325
Contractual Services	219,785				219,785
Commodities	169,293				169,293
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>1,218,706</b>				<b>1,218,706</b>
No. of Positions (FTE)	3.35				3.35

Note: FY2023 Total Request = FY2022 Estimated + FY2023 Incr(Decr) for Continuation + FY2023 Expansion/Reduction of Existing Activities + FY2023 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 2023 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					
<b>Total</b>					
No. of Positions (FTE)					

	FY 2023 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					
<b>Total</b>					
No. of Positions (FTE)					

	FY 2023 Total Request				
	(26) General	(27) State Support Special	(28) Federal	(29) Other Special	(30) Total
Salaries,Wages & Fringe	9,038,375		2,414,025	1,832,725	13,285,125
Travel	69,462	14,371	4,980	22,006	110,819
Contractual Services	4,208,911	714,576	172,635	419,052	5,515,174
Commodities	1,888,505	389,475	548,201	229,330	3,055,511
Other Than Equipment					
Equipment	5,252				5,252
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>15,210,505</b>	<b>1,118,422</b>	<b>3,139,841</b>	<b>2,503,113</b>	<b>21,971,881</b>
No. of Positions (FTE)	107.70		30.67	23.28	161.65

Note: FY2023 Total Request = FY2022 Estimated + FY2023 Incr(Decr) for Continuation + FY2023 Expansion/Reduction of Existing Activities + FY2023 New Activities.

CONTINUATION AND EXPANDED REQUEST

MS State Univ - Agricultural & Forestry Experiment Station (422-00) Program 2 of 3  
Animal Systems

Name of Agency Program

	FY 2021 Actual				
	(1) General	(2) State Support Special	(3) Federal	(4) Other Special	(5) Total
Salaries,Wages & Fringe	2,376,586		614,069	1,476,186	4,466,841
Travel	3,049	973	2,075	1,150	7,247
Contractual Services	723,438	142,321	26,022	168,194	1,059,975
Commodities	460,989	104,883	91,325	123,951	781,148
Other Than Equipment	32,520				32,520
Equipment	103,305		58,386		161,691
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>3,699,887</b>	<b>248,177</b>	<b>791,877</b>	<b>1,769,481</b>	<b>6,509,422</b>
No. of Positions (FTE)	27.14		7.01	16.86	51.01

	FY 2022 Estimated				
	(6) General	(7) State Support Special	(8) Federal	(9) Other Special	(10) Total
Salaries,Wages & Fringe	3,131,438		861,488	453,584	4,446,510
Travel	68,979	12,273	4,253	5,446	90,951
Contractual Services	181,172	46,180	11,157	103,712	342,221
Commodities	112,902	33,911	47,731	56,757	251,301
Other Than Equipment					
Equipment	5,252				5,252
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>3,499,743</b>	<b>92,364</b>	<b>924,629</b>	<b>619,499</b>	<b>5,136,235</b>
No. of Positions (FTE)	33.71		9.27	4.89	47.87

	FY 2023 Increase/Decrease for Continuation				
	(11) General	(12) State Support Special	(13) Federal	(14) Other Special	(15) Total
Salaries,Wages & Fringe	458,301				458,301
Travel	4,623				4,623
Contractual Services	78,534				78,534
Commodities	77,964				77,964
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>619,422</b>				<b>619,422</b>
No. of Positions (FTE)	3.25				3.25

Note: FY2023 Total Request = FY2022 Estimated + FY2023 Incr(Decr) for Continuation + FY2023 Expansion/Reduction of Existing Activities + FY2023 New Activities.

CONTINUATION AND EXPANDED REQUEST

Program 2 of 3

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

Animal Systems

Name of Agency

Program

	FY 2023 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					
<b>Total</b>					
No. of Positions (FTE)					

	FY 2023 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					
<b>Total</b>					
No. of Positions (FTE)					

	FY 2023 Total Request				
	(26) General	(27) State Support Special	(28) Federal	(29) Other Special	(30) Total
Salaries,Wages & Fringe	3,589,739		861,488	453,584	4,904,811
Travel	73,602	12,273	4,253	5,446	95,574
Contractual Services	259,706	46,180	11,157	103,712	420,755
Commodities	190,866	33,911	47,731	56,757	329,265
Other Than Equipment					
Equipment	5,252				5,252
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>4,119,165</b>	<b>92,364</b>	<b>924,629</b>	<b>619,499</b>	<b>5,755,657</b>
No. of Positions (FTE)	36.96		9.27	4.89	51.12

Note: FY2023 Total Request = FY2022 Estimated + FY2023 Incr(Decr) for Continuation + FY2023 Expansion/Reduction of Existing Activities + FY2023 New Activities.

CONTINUATION AND EXPANDED REQUEST

Program 3 of 3

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

Health & Sustainable Communities

Name of Agency

Program

	FY 2021 Actual				
	(1) General	(2) State Support Special	(3) Federal	(4) Other Special	(5) Total
Salaries,Wages & Fringe	4,123,745		782,941	788,562	5,695,248
Travel	3,916	1,250	2,664	1,477	9,307
Contractual Services	827,931	162,878	29,781	192,488	1,213,078
Commodities	369,803	84,137	73,260	99,431	626,631
Other Than Equipment	27,823				27,823
Equipment	220,800				220,800
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>5,574,018</b>	<b>248,265</b>	<b>888,646</b>	<b>1,081,958</b>	<b>7,792,887</b>
No. of Positions (FTE)	42.08		7.99	8.05	58.12

	FY 2022 Estimated				
	(6) General	(7) State Support Special	(8) Federal	(9) Other Special	(10) Total
Salaries,Wages & Fringe	4,009,239		1,095,142	548,121	5,652,502
Travel	87,753	15,556	5,391	6,581	115,281
Contractual Services	138,971	42,844	10,351	125,329	317,495
Commodities	13,419	16,392	23,072	68,587	121,470
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>4,249,382</b>	<b>74,792</b>	<b>1,133,956</b>	<b>748,618</b>	<b>6,206,748</b>
No. of Positions (FTE)	30.38		8.30	4.15	42.83

	FY 2023 Increase/Decrease for Continuation				
	(11) General	(12) State Support Special	(13) Federal	(14) Other Special	(15) Total
Salaries,Wages & Fringe	397,466				397,466
Travel	1,052				1,052
Contractual Services	23,235				23,235
Commodities	19,743				19,743
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>441,496</b>				<b>441,496</b>
No. of Positions (FTE)	1.35				1.35

Note: FY2023 Total Request = FY2022 Estimated + FY2023 Incr(Decr) for Continuation + FY2023 Expansion/Reduction of Existing Activities + FY2023 New Activities.

CONTINUATION AND EXPANDED REQUEST

Program 3 of 3

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

Health & Sustainable Communities

Name of Agency

Program

	FY 2023 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					
<b>Total</b>					
No. of Positions (FTE)					

	FY 2023 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					
<b>Total</b>					
No. of Positions (FTE)					

	FY 2023 Total Request				
	(26) General	(27) State Support Special	(28) Federal	(29) Other Special	(30) Total
Salaries,Wages & Fringe	4,406,705		1,095,142	548,121	6,049,968
Travel	88,805	15,556	5,391	6,581	116,333
Contractual Services	162,206	42,844	10,351	125,329	340,730
Commodities	33,162	16,392	23,072	68,587	141,213
Other Than Equipment					
Equipment					
Vehicles					
Wireless Communication Devices					
Subsidies, Loans & Grants					
<b>Total</b>	<b>4,690,878</b>	<b>74,792</b>	<b>1,133,956</b>	<b>748,618</b>	<b>6,648,244</b>
No. of Positions (FTE)	31.73		8.30	4.15	44.18

Note: FY2023 Total Request = FY2022 Estimated + FY2023 Incr(Decr) for Continuation + FY2023 Expansion/Reduction of Existing Activities + FY2023 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 2022 Appropriated	Escalations By DFA	Non-Recurring Items	SREB: IHL Initiative to	Critical Operating	Position Refocusing	Brown Loam Branch	Total Funding Change
SALARIES	12,459,822			585,873		173,190	66,240	825,303
GENERAL	8,213,072			585,873		173,190	66,240	825,303
ST. SUP. SPECIAL								
FEDERAL	2,414,025							
OTHER	1,832,725							
TRAVEL	106,494				825	2,000	1,500	4,325
GENERAL	65,137				825	2,000	1,500	4,325
ST. SUP.SPECIAL	14,371							
FEDERAL	4,980							
OTHER	22,006							
CONTRACTUAL	5,295,389				218,785		1,000	219,785
GENERAL	3,989,126				218,785		1,000	219,785
ST. SUP. SPECIAL	714,576							
FEDERAL	172,635							
OTHER	419,052							
COMMODITIES	2,886,218				154,293		15,000	169,293
GENERAL	1,719,212				154,293		15,000	169,293
ST. SUP. SPECIAL	389,475							
FEDERAL	548,201							
OTHER	229,330							
CAPTITAL-OTE								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
EQUIPMENT	5,252							
GENERAL	5,252							
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	20,753,175			585,873	373,903	175,190	83,740	1,218,706
FUNDING								
GENERAL FUNDS	13,991,799			585,873	373,903	175,190	83,740	1,218,706
ST. SUP. SPCL FUNDS	1,118,422							
FEDERAL FUNDS	3,139,841							
OTHER SP. FUNDS	2,503,113							
TOTAL	20,753,175			585,873	373,903	175,190	83,740	1,218,706
POSITIONS								
GENERAL FTE	104.35					2.55	0.80	3.35
ST. SUP. SPCL. FTE								
FEDERAL FTE	30.67							
OTHER SP. FTE	23.28							
TOTAL	158.30					2.55	0.80	3.35
PRIORITY LEVEL :								
				1	1	1	1	



PROGRAM DECISION UNITS

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EXPENDITURES	FY 2023 Total Request							
<b>SALARIES</b>	13,285,125							
GENERAL	9,038,375							
ST. SUP. SPECIAL								
FEDERAL	2,414,025							
OTHER	1,832,725							
<b>TRAVEL</b>	110,819							
GENERAL	69,462							
ST. SUP. SPECIAL	14,371							
FEDERAL	4,980							
OTHER	22,006							
<b>CONTRACTUAL</b>	5,515,174							
GENERAL	4,208,911							
ST. SUP. SPECIAL	714,576							
FEDERAL	172,635							
OTHER	419,052							
<b>COMMODITIES</b>	3,055,511							
GENERAL	1,888,505							
ST. SUP. SPECIAL	389,475							
FEDERAL	548,201							
OTHER	229,330							
<b>CAPTITAL-OTE</b>								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
<b>EQUIPMENT</b>	5,252							
GENERAL	5,252							
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
<b>VEHICLES</b>								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
<b>WIRELESS DEV</b>								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
<b>SUBSIDIES</b>								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
<b>TOTAL</b>	21,971,881							

FUNDING

GENERAL FUNDS	15,210,505							
ST. SUP. SPCL FUNDS	1,118,422							
FEDERAL FUNDS	3,139,841							
OTHER SP. FUNDS	2,503,113							
<b>TOTAL</b>	21,971,881							

POSITIONS

GENERAL FTE	107.70							
ST. SUP. SPCL. FTE								
FEDERAL FTE	30.67							
OTHER SP. FTE	23.28							
<b>TOTAL</b>	161.65							

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 2022 Appropriated	Escalations By DFA	Non-Recurring Items	SREB: IHL Initiative to	Critical Operating	Position Refocusing	Brown Loam Branch	Coastal Seafood Initiative
<b>SALARIES</b>	4,446,510			208,659		121,992	66,240	61,410
GENERAL	3,131,438			208,659		121,992	66,240	61,410
ST. SUP. SPECIAL								
FEDERAL	861,488							
OTHER	453,584							
<b>TRAVEL</b>	90,951				123	1,500	1,500	1,500
GENERAL	68,979				123	1,500	1,500	1,500
ST. SUP. SPECIAL	12,273							
FEDERAL	4,253							
OTHER	5,446							
<b>CONTRACTUAL</b>	342,221				38,534		10,000	30,000
GENERAL	181,172				38,534		10,000	30,000
ST. SUP. SPECIAL	46,180							
FEDERAL	11,157							
OTHER	103,712							
<b>COMMODITIES</b>	251,301				22,964		35,000	20,000
GENERAL	112,902				22,964		35,000	20,000
ST. SUP. SPECIAL	33,911							
FEDERAL	47,731							
OTHER	56,757							
<b>CAPTITAL-OTE</b>								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
<b>EQUIPMENT</b>	5,252							
GENERAL	5,252							
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
<b>VEHICLES</b>								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
<b>WIRELESS DEV</b>								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
<b>SUBSIDIES</b>								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
<b>TOTAL</b>	5,136,235			208,659	61,621	123,492	112,740	112,910
<b>FUNDING</b>								
GENERAL FUNDS	3,499,743			208,659	61,621	123,492	112,740	112,910
ST. SUP. SPCL FUNDS	92,364							
FEDERAL FUNDS	924,629							
OTHER SP. FUNDS	619,499							
<b>TOTAL</b>	5,136,235			208,659	61,621	123,492	112,740	112,910
<b>POSITIONS</b>								
GENERAL FTE	33.71					1.75	0.80	0.70
ST. SUP. SPCL. FTE								
FEDERAL FTE	9.27							
OTHER SP. FTE	4.89							
<b>TOTAL</b>	47.87					1.75	0.80	0.70
<b>PRIORITY LEVEL :</b>								
				1	1	1	1	1

PROGRAM DECISION UNITS

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EXPENDITURES	Total Funding Change	FY 2023 Total Request						
<b>SALARIES</b>	458,301	4,904,811						
GENERAL	458,301	3,589,739						
ST. SUP. SPECIAL								
FEDERAL		861,488						
OTHER		453,584						
<b>TRAVEL</b>	4,623	95,574						
GENERAL	4,623	73,602						
ST. SUP.SPECIAL		12,273						
FEDERAL		4,253						
OTHER		5,446						
<b>CONTRACTUAL</b>	78,534	420,755						
GENERAL	78,534	259,706						
ST. SUP. SPECIAL		46,180						
FEDERAL		11,157						
OTHER		103,712						
<b>COMMODITIES</b>	77,964	329,265						
GENERAL	77,964	190,866						
ST. SUP. SPECIAL		33,911						
FEDERAL		47,731						
OTHER		56,757						
<b>CAPTITAL-OTE</b>								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
<b>EQUIPMENT</b>		5,252						
GENERAL		5,252						
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
<b>VEHICLES</b>								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
<b>WIRELESS DEV</b>								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
<b>SUBSIDIES</b>								
GENERAL								
ST. SUP. SPECIAL								
FEDERAL								
OTHER								
<b>TOTAL</b>	619,422	5,755,657						

FUNDING

GENERAL FUNDS	619,422	4,119,165						
ST. SUP .SPCL FUNDS		92,364						
FEDERAL FUNDS		924,629						
OTHER SP. FUNDS		619,499						
<b>TOTAL</b>	619,422	5,755,657						

POSITIONS

GENERAL FTE	3.25	36.96						
ST. SUP. SPCL. FTE								
FEDERAL FTE		9.27						
OTHER SP. FTE		4.89						
<b>TOTAL</b>	3.25	51.12						

PRIORITY LEVEL :

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PROGRAM DECISION UNITS

MS State Univ - Agricultural & Forestry Experiment Station

3 - Health & Sustainable Communities

Name of Agency								Program Name
	A	B	C	D	E	F	G	H
EXPENDITURES	FY 2022 Appropriated	Escalations By DFA	Non-Recurring Items	SREB: IHL Salary Initiative	Critical Operating	Position Refocusing	Coastal Seafood Initiative	Total Funding Change
SALARIES	5,652,502			293,897		72,864	30,705	397,466
GENERAL	4,009,239			293,897		72,864	30,705	397,466
ST. SUP. SPECIAL								
FEDERAL	1,095,142							
OTHER	548,121							
TRAVEL	115,281				52	500	500	1,052
GENERAL	87,753				52	500	500	1,052
ST. SUP.SPECIAL	15,556							
FEDERAL	5,391							
OTHER	6,581							
CONTRACTUAL	317,495				18,235		5,000	23,235
GENERAL	138,971				18,235		5,000	23,235
ST. SUP. SPECIAL	42,844							
FEDERAL	10,351							
OTHER	125,329							
COMMODITIES	121,470				9,743		10,000	19,743
GENERAL	13,419				9,743		10,000	19,743
ST. SUP. SPECIAL	16,392							
FEDERAL	23,072							
OTHER	68,587							
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	6,206,748			293,897	28,030	73,364	46,205	441,496
FUNDING								
GENERAL FUNDS	4,249,382			293,897	28,030	73,364	46,205	441,496
ST. SUP .SPCL FUNDS	74,792							
FEDERAL FUNDS	1,133,956							
OTHER SP. FUNDS	748,618							
TOTAL	6,206,748			293,897	28,030	73,364	46,205	441,496
POSITIONS								
GENERAL FTE	30.38					1.00	0.35	1.35
ST. SUP. SPCL. FTE								
FEDERAL FTE	8.30							
OTHER SP. FTE	4.15							
TOTAL	42.83					1.00	0.35	1.35
PRIORITY LEVEL :								
				1	1	1	1	

PROGRAM DECISION UNITS

I

EXPENDITURES	FY 2023 Total Request							
SALARIES	6,049,968							
GENERAL	4,406,705							
ST. SUP. SPECIAL								
FEDERAL	1,095,142							
OTHER	548,121							
TRAVEL	116,333							
GENERAL	88,805							
ST. SUP.SPECIAL	15,556							
FEDERAL	5,391							
OTHER	6,581							
CONTRACTUAL	340,730							
GENERAL	162,206							
ST. SUP. SPECIAL	42,844							
FEDERAL	10,351							
OTHER	125,329							
COMMODITIES	141,213							
GENERAL	33,162							
ST. SUP. SPECIAL	16,392							
FEDERAL	23,072							
OTHER	68,587							
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	6,648,244							

FUNDING

GENERAL FUNDS	4,690,878							
ST. SUP .SPCL FUNDS	74,792							
FEDERAL FUNDS	1,133,956							
OTHER SP. FUNDS	748,618							
TOTAL	6,648,244							

POSITIONS

GENERAL FTE	31.73							
ST. SUP. SPCL. FTE								
FEDERAL FTE	8.30							
OTHER SP. FTE	4.15							
TOTAL	44.18							

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 &amp; Forestry Experiment Station

1 - Plant Systems

Name of Agency

Program Name

**I. Program Description:**

Mississippi farmers manage 10.4 million acres of farmland across 34,700 farms with a farm gate value of \$7.35 billion. Of this 10.4 million acres, 3.9 million acres across 17,500 farms produced food and fiber crops with a farm gate value of \$2.6 billion. In 2020, the top 4 row crops (soybeans, cotton, corn, and rice) alone had a production value of \$2.2 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 2022 & FY 2023 Increase/Decrease for continuations) of MBR-1-03 and designated Budget Unit Decisions columns of MBR-1-03-A:

(D) SREB: IHL Initiative to reach Median:

The IHL initiative to reach the SREB Median in 6 years will require \$1,088,429 General Funds for MAFES, or 4.73% increase in general funds, based on FY22 General Funds of \$23,026,502. (Please note: The IHL schedule includes Capital Expense funds and Education Enhancement Funds as a base for the %s needed to reach the 4.6% SREB amount.)

(E) Critical Operating Support:

State Support of actual operating costs has declined 14%, and today represents just 24% of total operating expenditures. Factors impacting the decline include Increases in basic cost of goods, cannibalization of operating to protect our most valuable asset, people, during budget rescissions and additional permanent stress on static operating budget from aging facilities.

Infusing the research program with additional support dollars will open opportunity to expand research projects that support the ag industry.

Purchase of new technology that benefits the ag industry is needed both to keep up with technology in use by today's farmers as well as to research impact of changing technology to jump-start farmers in its use. Many of the state's farmers are ahead of us in their use of technology, and we need to catch up.

(F) Position Refocusing:

Bringing back lost or frozen positions in critical focus areas include:

- Precision Agriculture: 1 engineering faculty positions with support staff
  - o Precision Agriculture includes remote sensing from satellite, fixed wing, and Unmanned Aerial Systems (UAS) platforms; spatially explicit yield data; addressing ecological impacts; sensor-based irrigation scheduling, and variable-rate inputs provide producers the information to develop site-specific prescriptions and make data-based production decisions.
- Big Data/Data Science: .5 FTE faculty position with support staff
  - o Big data provides farmers granular data on rainfall patterns, water cycles, fertilizer requirements, enabling them to make smart decisions, such as what crops to plant for better profitability and when to harvest. The right decisions ultimately improve farm yields.
- Food Safety & Security: .5 faculty position with support staff
  - o Food safety and security includes researching food supply chains and impact thereon; developing research aimed at supporting and improving local food network, rural food supply; improving shelf life and research storage techniques for packing houses, small businesses, cottage industries and cooperatives; and allowing for expansion of the supporting businesses.

These positions will not only provide for expanded state-funded research in these focus areas but also allow us to compete for research dollars offered by external agencies including but not limited to USDA (National Institute of Food and Agriculture (NIFA) and the Agricultural Research Service (ARS)), animal industries such as the beef, catfish and poultry, as well as commodity boards for soybean, rice, peanut, cotton and corn.

Adding faculty positions increases the number of graduate students that can be trained, increasing the challenged area of young ag leadership both nationwide, but specifically for Mississippi.

(G) Brown Loam Branch Experiment Station Re-purposing:

Re-purposing of the Brown Loam Branch Experiment Station is allowing us to build research that meets the needs of the

**PROGRAM NARRATIVE**

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

central region of the state. One faculty position, plus support, will allow for both crop research and beef research to be established, which are significant needs as indicated by state constituents. It will also support collaborative efforts with our regional Extension partners, expanding our ability to disseminate knowledge to our farmers and ag community.



**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 &amp; 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 2020, Mississippi produced 763 million chicken broilers and 1.4 million eggs worth \$2.2 billion on 1,471 farms; 920,000 cattle worth \$261 million on 15,980 farms; \$226 million from 205 catfish production operations; and 190,000 hogs worth \$38 million across 437 farms. The total farm gate value of animal production systems in Mississippi exceeded \$2.72 billion in 2020. 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, consumer demands, 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 2022 & FY 2023 Increase/Decrease for continuations) of MBR-1-03 and designated Budget Unit Decisions columns of MBR-1-03-A:

(D) SREB: IHL Initiative to reach Median:

The IHL initiative to reach the SREB Median in 6 years will require \$1,088,429 General Funds for MAFES, or 4.73% increase in general funds, based on FY22 General Funds of \$23,026,502. (Please note: The IHL schedule includes Capital Expense funds and Education Enhancement Funds as a base for the %s needed to reach the 4.6% SREB amount.)

(E) Critical Operating Support:

State Support of actual operating costs has declined 14%, and today represents just 24% of total operating expenditures. Factors impacting the decline include Increases in basic cost of goods, cannibalization of operating to protect our most valuable asset, people, during budget rescissions and additional permanent stress on static operating budget from aging facilities.

Infusing the research program with additional support dollars will open opportunity to expand research projects that support the ag industry.

Purchase of new technology that benefits the ag industry is needed both to keep up with technology in use by today's farmers as well as to research impact of changing technology to jump-start farmers in its use. Many of the state's farmers are ahead of us in their use of technology, and we need to catch up.

(F) Position Refocusing:

Bringing back lost or frozen positions in critical focus areas include:

- Precision Agriculture: 1 engineering faculty positions with support staff
  - o Precision Agriculture includes remote sensing from satellite, fixed wing, and Unmanned Aerial Systems (UAS) platforms; spatially explicit yield data; addressing ecological impacts; sensor-based irrigation scheduling, and variable-rate inputs provide producers the information to develop site-specific prescriptions and make data-based production decisions.
- Big Data/Data Science: .5 FTE faculty position with support staff
  - o Big data provides farmers granular data on rainfall patterns, water cycles, fertilizer requirements, enabling them to make smart decisions, such as what crops to plant for better profitability and when to harvest. The right decisions ultimately improve farm yields.
- Food Safety & Security: .5 faculty position with support staff
  - o Food safety and security includes researching food supply chains and impact thereon; developing research aimed at supporting and improving local food network, rural food supply; improving shelf life and research storage techniques for packing houses, small businesses, cottage industries and cooperatives; and allowing for expansion of the supporting businesses.

These positions will not only provide for expanded state-funded research in these focus areas but also allow us to compete for research dollars offered by external agencies including but not limited to USDA (National Institute of Food and Agriculture (NIFA) and the Agricultural Research Service (ARS)), animal industries such as the beef, catfish and poultry, as well as commodity boards for soybean, rice, peanut, cotton and corn.

Adding faculty positions increases the number of graduate students that can be trained, increasing the challenged area of young ag leadership both nationwide, but specifically for Mississippi.

(G) Brown Loam Branch Experiment Station Re-purposing:

Re-purposing of the Brown Loam Branch Experiment Station is allowing us to build research that meets the needs of the

**PROGRAM NARRATIVE**

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

central region of the state. One faculty position, plus support, will allow for both crop research and beef research to be established, which are significant needs as indicated by state constituents. It will also support collaborative efforts with our regional Extension partners, expanding our ability to disseminate knowledge to our farmers and ag community.

(H) Coastal Seafood Initiative:

The recently approved Northern Gulf Aquatic Food Research Center (Ocean Springs) and the purchase of Sunplex Industrial Park property for that facility will position Mississippi State to develop the food safety research capacity needed to support the Gulf Coast seafood industry and eliminate export of this capability out of state. This request supports .75 FTE faculty plus support positions to solidly establish the expanded research program.

**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 &amp; Forestry Experiment Station

3 - Health &amp; Sustainable Communities

Name of Agency

Program Name

**I. Program Description:**

Healthy and sustainable communities require safe, secure, nutritious, and accessible foods; clean and reliable water resources; healthy and resilient environments and associated ecosystem services; and robust household, commercial and community economies. The capacity to learn and to contribute to society is traced directly to the quality of health and nutrition from prenatal status through adulthood. Societies are food secure when they have access to safe, affordable, and nutritious food for all members. Food safety is an essential component of food security. 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.

**HEALTH:** 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.

**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

**PROGRAM NARRATIVE**

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

III. Current program activities as supported by the funding in Columns 6-15 (FY 2022 & FY 2023 Increase/Decrease for continuations) of MBR-1-03 and designated Budget Unit Decisions columns of MBR-1-03-A:

(D) SREB: IHL Salary Initiative:

The IHL initiative to reach the SREB Median in 6 years will require \$1,088,429 General Funds for MAFES, or 4.73% increase in general funds, based on FY22 General Funds of \$23,026,502. (Please note: The IHL schedule includes Capital Expense funds and Education Enhancement Funds as a base for the %s needed to reach the 4.6% SREB amount.)

(E) Critical Operating Support:

State Support of actual operating costs has declined 14%, and today represents just 24% of total operating expenditures. Factors impacting the decline include Increases in basic cost of goods, cannibalization of operating to protect our most valuable asset, people, during budget rescissions and additional permanent stress on static operating budget from aging facilities.

Infusing the research program with additional support dollars will open opportunity to expand research projects that support the ag industry.

Purchase of new technology that benefits the ag industry is needed both to keep up with technology in use by today's farmers as well as to research impact of changing technology to jump-start farmers in its use. Many of the state's farmers are ahead of us in their use of technology, and we need to catch up.

(F) Position Refocusing:

Bringing back lost or frozen positions in critical focus areas include:

- Precision Agriculture: 1 engineering faculty positions with support staff
  - o Precision Agriculture includes remote sensing from satellite, fixed wing, and Unmanned Aerial Systems (UAS) platforms; spatially explicit yield data; addressing ecological impacts; sensor-based irrigation scheduling, and variable-rate inputs provide producers the information to develop site-specific prescriptions and make data-based production decisions.
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  - o Big data provides farmers granular data on rainfall patterns, water cycles, fertilizer requirements, enabling them to make smart decisions, such as what crops to plant for better profitability and when to harvest. The right decisions ultimately improve farm yields.
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## **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 &amp; 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 2021 APPRO	FY 2021 ACTUAL	FY 2022 ESTIMATED	FY 2023 PROJECTED
1 Number of Scientist FTE (Scientist Years)	39.77	36.69	52.35	41.76
2 Research Publications (Publications)	142.00	225.00	268.00	233.00

**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 2021 APPRO	FY 2021 ACTUAL	FY 2022 ESTIMATED	FY 2023 PROJECTED
1 Appropriated Funds & Extramural Funds (Ratio)	1.25	0.98	1.12	1.19

**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 2021 APPRO	FY 2021 ACTUAL	FY 2022 ESTIMATED	FY 2023 PROJECTED
1 Publications per scientist	5.45	6.13	6.03	5.57
2 Extramural funding per scientist	243,940.00	337,540.00	332,164.00	306,689.00

**PROGRAM PERFORMANCE MEASURES**

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

MS State Univ - Agricultural &amp; 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 2021 APPRO	FY 2021 ACTUAL	FY 2022 ESTIMATED	FY 2023 PROJECTED
1 Number of Scientist FTE (Scientist Years)	33.28	27.37	29.15	30.14
2 Research Publications (Publications)	137.00	170.00	262.00	174.00

**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 2021 APPRO	FY 2021 ACTUAL	FY 2022 ESTIMATED	FY 2023 PROJECTED
1 Appropriated Funds & Extramural Funds (Ratio)	0.34	0.30	0.29	0.33

**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 2021 APPRO	FY 2021 ACTUAL	FY 2022 ESTIMATED	FY 2023 PROJECTED
1 Publications per scientist	9.24	6.21	5.94	5.78
2 Extramural funding per scientist	445,486.00	450,263.00	430,340.00	419,094.00



**PROGRAM PERFORMANCE MEASURES**

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

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

3 - Health &amp; 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 2021 APPRO	FY 2021 ACTUAL	FY 2022 ESTIMATED	FY 2023 PROJECTED
1 Number of Scientist FTE (Scientist Years)	42.14	43.83	43.83	43.41
2 Research Publications (Publications)	207.00	152.00	337.00	152.00

**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 2021 APPRO	FY 2021 ACTUAL	FY 2022 ESTIMATED	FY 2023 PROJECTED
1 Appropriated Funds & Extramural Funds (Ratio)	0.26	0.32	0.26	0.27

**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 2021 APPRO	FY 2021 ACTUAL	FY 2022 ESTIMATED	FY 2023 PROJECTED
1 Publications per scientist	8.11	3.47	3.69	3.50
2 Extramural funding per scientist	399,775.00	398,159.00	423,472.00	401,521.00

**PROGRAM 3% GENERAL FUND REDUCTION AND NARRATIVE EXPLANATION**

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

	Fiscal Year 2022 Funding			FY 2022 GF PERCENT REDUCED
	Total Funds	Reduced Amount	Reduced Funding Amount	

<b>Program Name:</b> (1) Plant Systems				
General	13,991,799	(419,754)	13,572,045	(3.00%)
State Support Special	1,118,422		1,118,422	
Federal	3,139,841		3,139,841	
Other Special	2,503,113		2,503,113	
<b>TOTAL</b>	<b>20,753,175</b>	<b>(419,754)</b>	<b>20,333,421</b>	

**Narrative Explanation:**

The activities of the Mississippi Agricultural and Forestry Experiment Station are interdisciplinary. Reductions will impact all program resources and efficiencies. Diversity of clients served, interdependencies of departments, branch stations, and support preclude a logical priority ranking of reductions by program area.

<b>Program Name:</b> (2) Animal Systems				
General	3,499,743	(104,992)	3,394,751	(3.00%)
State Support Special	92,364		92,364	
Federal	924,629		924,629	
Other Special	619,499		619,499	
<b>TOTAL</b>	<b>5,136,235</b>	<b>(104,992)</b>	<b>5,031,243</b>	

**Narrative Explanation:**

The activities of the Mississippi Agricultural and Forestry Experiment Station are interdisciplinary. Reductions will impact all program resources and efficiencies. Diversity of clients served, interdependencies of departments, branch stations, and support preclude a logical priority ranking of reductions by program area.

<b>Program Name:</b> (3) Health & Sustainable Communities				
General	4,249,382	(127,482)	4,121,900	(3.00%)
State Support Special	74,792		74,792	
Federal	1,133,956		1,133,956	
Other Special	748,618		748,618	
<b>TOTAL</b>	<b>6,206,748</b>	<b>(127,482)</b>	<b>6,079,266</b>	

**Narrative Explanation:**

The activities of the Mississippi Agricultural and Forestry Experiment Station are interdisciplinary. Reductions will impact all program resources and efficiencies. Diversity of clients served, interdependencies of departments, branch stations, and support preclude a logical priority ranking of reductions by program area.

<b>Program Name:</b> (99) Summary of All Programs				
General	21,740,924	(652,228)	21,088,696	(3.00%)
State Support Special	1,285,578		1,285,578	
Federal	5,198,426		5,198,426	
Other Special	3,871,230		3,871,230	
<b>TOTAL</b>	<b>32,096,158</b>	<b>(652,228)</b>	<b>31,443,930</b>	

**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 2022:**

12 (Twelve)

<b>C. Board Members</b>	<b>City, Town, Residence</b>	<b>Appointed By</b>	<b>Date Appointed</b>	<b>Length of Term</b>
1. Dr. Alfred E. McNair, Jr.	Ocean Springs, MS	Bryant	05/08/2015	9 years
2. Dr. J. Walt Starr	Columbus, MS	Bryant	05/08/2015	9 years
3. Mr. Chip Morgan	Leland, MS	Bryant	05/08/2015	9 years
4. Mr. Tom Duff	Hattiesburg, MS	Bryant	05/08/2015	9 years
5. Dr. Steven Cunningham	Hattisburg, MS	Bryant	05/08/2018	9 years
6. Mr. Bruce Martin	Meridian, MS	Bryant	05/08/2018	9 years
7. Mr. Gee Ogletree	Ridgeland, MS	Bryant	05/08/2018	9 years
8. Mrs. Jeanne Carter Luckey	Ocean Springs, MS	Bryant	05/08/2018	9 years
9. Dr. Ormella Cummings	Tupelo, MS	Reeves	05/18/2021	9 years
10. Gregory Rader	Columbus, MS	Reeves	05/18/2021	9 years
11. Hal Parker	Bolton, MS	Reeves	05/18/2021	9 years
12. Teresa Hubbard	Oxford, MS	Reeves	05/18/2021	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, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested for FY Ending June 30, 2023
<b>A. Tuition, Rewards &amp; Awards (61050xxx-61080xxx)</b>			
Scholarships	96,187	96,440	116,440
Other Grants Awards			
61010 Fellowships/Tuition			
61020 Employee Training	23,696	27,578	27,578
<b>Total</b>	<b>119,883</b>	<b>124,018</b>	<b>144,018</b>
<b>B. Transportation &amp; Utilities (61100xxx-61200xxx)</b>			
Other			
61110 Postage Box Rent etc	15,165	15,575	15,575
61190 Transportation of Goods	242,118	363,822	368,822
61210 Electricity	1,516,563	1,758,678	1,874,678
61220 Gas	417,826	517,106	531,606
61230 Water & Sewage	113,731	136,803	138,303
<b>Total</b>	<b>2,305,403</b>	<b>2,791,984</b>	<b>2,928,984</b>
<b>C. Public Information (61300xxx-6131xxxx)</b>			
Other			
61310 Advertising & Public Information	4,242	4,328	4,328
61340 Signs & Billboards			
61350 Exhibits & Displays			
<b>Total</b>	<b>4,242</b>	<b>4,328</b>	<b>4,328</b>
<b>D. Rents (61400xxx-61490xxx)</b>			
Other Rental	34,623	65,294	65,294
61420 Buildings & Floor Space	61,480	61,566	61,566
61430 Land	59,213	59,387	59,387
61440 Office Equipment	41,596	50,089	50,089
61460 Other Equipment			
61470 Bureau of Buildings			
61480 Exhibits Displays & Conference Rooms			
<b>Total</b>	<b>196,912</b>	<b>236,336</b>	<b>236,336</b>
<b>E. Repairs &amp; Service (61500xxx)</b>			
Maintenance Contracts	32,892	39,549	39,549
Other			
61500 Grounds Walls Fences and Lots			
61520 Buildings	527,659	533,388	583,388

**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, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested for FY Ending June 30, 2023
61530 Machinery and Field Equipment	176,580	178,480	184,480
61540 Passenger Vehicles	86,811	88,967	88,967
61550 Office Equipment & Furniture	1,310	1,408	1,408
61580 Shop Equipment	130,594	182,832	187,832
61590 Miscellaneous Items of Equipment			
<b>Total</b>	<b>955,846</b>	<b>1,024,624</b>	<b>1,085,624</b>
<b>F. Fees, Professional &amp; Other Services (6161xxxx-61699xxx)</b>			
XXX Lab and Testing Fees	101,238	150,000	175,000
XXX Other Fees & Services	204,705	205,000	230,000
XXX Other Medical	75		
XXX Engineering		1,500	1,500
<b>Total</b>	<b>306,018</b>	<b>356,500</b>	<b>406,500</b>
<b>G. Other Contractual Services (61700xxx-61790xxx, 61900xxx)</b>			
Subscriptions	34,666	35,572	35,572
Pay to Visiting Athletics			
Employee Recruiting Costs	25,355	25,510	27,064
Other Contractual	775,990	853,588	900,588
To be determined			
61710 Insurance & Fidelity Bonds	221,818	266,394	266,394
61715 Insurance Computer Equipment CDPA			
61720 Membership Dues	73,048	73,152	73,152
61730 Laundry Dry Cleaning & Towel Service	102		
<b>Total</b>	<b>1,130,979</b>	<b>1,254,216</b>	<b>1,302,770</b>
<b>H. Information Technology (61800xxx-61890xxx)</b>			
Cell			
6112x Telephone-Basic Line Charges	3,681	5,701	10,701
6113x Telephone-Long Distance Charges			
6114x Telephone-Private Line Charges	2,757	2,799	2,799
6190x IS Fees - CDPA			
61917 Service Charges Paid to State Computer Center			
61918 Data Entry			
6191x IS Training/Education			
6192x Software Acquisition	41,004	41,100	41,100
619xx IS Related Rentals	112,777	112,967	112,967

**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, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested for FY Ending June 30, 2023
619xx Repair Maint & Service of IS Equipment			
619xx Software Maintenance Agreements	126	532	532
619xx IS Fees - Outside Vendor			
<b>Total</b>	<b>160,345</b>	<b>163,099</b>	<b>168,099</b>
<b>Grand Total</b> <i>(Enter on Line 1-B of Form MBR-1)</i>	<b>5,179,628</b>	<b>5,955,105</b>	<b>6,276,659</b>
<b>Funding Summary:</b>			
General Funds	3,535,121	4,309,269	4,630,823
State Support Special Funds	695,459	803,600	803,600
Federal Funds	127,158	194,143	194,143
Other Special Funds	821,890	648,093	648,093
<b>Total Funds</b>	<b>5,179,628</b>	<b>5,955,105</b>	<b>6,276,659</b>

**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, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested for FY Ending June 30, 2023
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<b>A. Maintenance &amp; Constr. Materials &amp; Supplies (62000xxx, 62015xxx)</b>			
6010 Land Improvement Supplies	102,320	96,156	104,034
6020 Building Construction Supplies			
6021 Cement			
6022 Lumber			
6023 Building Supplies - Metal			
6024 Replacement Building Materials	18,683	17,558	18,996
6030 Paint Preservatives	5,209	4,895	5,296
6040 Hardware/Plumbing/Elect Supplies			
6041 Physical Plant Materials	148,095	139,174	150,576
6050 Custodial Supplies & Cleansers	38,403	36,089	39,046
6090 Other Maintenance Materials	27,481	25,826	27,943
<b>Total</b>	<b>340,191</b>	<b>319,698</b>	<b>345,891</b>

<b>B. Printing &amp; Office Supplies &amp; Materials (62010xxx, 62085xxx, 62100xxx, 62125xxx, 62400xxx)</b>			
6110 Printing Binding and Padding	4,458	4,189	4,532
6111 Media Guides			
6120 Duplication and Reproductions			
6121 Bulk Paper	9,766	9,178	9,930
6130 Office Supplies and Materials			
6135 Plaques and Certificates	75,821	71,255	77,093
6140 Purchased Instructional Materials	2,898	2,723	2,946
<b>Total</b>	<b>92,943</b>	<b>87,345</b>	<b>94,501</b>

<b>C. Equipment Repair Parts, Supplies &amp; Acces. (6205xxxx, 62072xxx, 62110xxx, 62115xxx, 62120xxx, 62130xxx)</b>			
6210 Fuels			
6211 Butane			
6213 Diesel			
6214 Gasoline			
6215 Refund Gas/Dye Added	261,755	245,989	266,142
6220 Lubricating Oils and Greases	9,859	9,265	10,024
6230 Tires and Tubes	53,096	49,897	53,985
6240 Repair and Replacement Parts	277,105	260,413	281,748
6250 Shop Supplies	66,127	62,144	67,235
6290 Other Equipment Repair Parts and Supplies	52,733	49,557	53,617
<b>Total</b>	<b>720,675</b>	<b>677,265</b>	<b>732,751</b>

**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, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested for FY Ending June 30, 2023
<b>D. Professional &amp; Sci. Supplies and Materials (62025xxx, 62030xxx, 62070xxx, 62095xxx, 62105xxx, 6212xxxx)</b>			
6310 Laboratory Testing Supplies	448,640	421,615	456,157
6311 Meats for Lab Experiments			
6320 Photographic/Reproduction Supplies	245	230	249
6330 Drugs and Chemicals - Lab and Medical	74,357	69,878	75,603
6390 Other Professional and Scientific Supplies	36,567	34,364	37,179
<b>Total</b>	<b>559,809</b>	<b>526,087</b>	<b>569,188</b>
<b>E. Other Supplies &amp; Materials (62005xxx, 62015xxx, 62020xxx, 62035xxx, 62040xxx, 62045xxx, 62060xxx, 62065xxx, 62075xxx-62080xxx, 62090xxx, 62115xxx, 62135xxx, 62140xxx, 62405xxx, 62415xxx, 62500xxx-62999xxx)</b>			
6410 Small Tools	6,840	6,428	6,428
6420 Radio and TV Supplies/Repair Parts			
6430 Clothes and Dry Goods for Persons	440	413	413
6440 Food for Persons	3,955	3,717	3,717
6450 Feed for Animals	689,201	647,686	668,243
6460 Seed and Plants	132,948	124,940	124,940
6470 Fertilizers and Farm Chemicals	513,391	482,466	482,466
6480 Expendable Equipment (under \$1000)	83,777	78,731	78,731
6490 Other Supplies and Materials	323,711	304,213	418,720
<b>Total</b>	<b>1,754,263</b>	<b>1,648,594</b>	<b>1,783,658</b>
<b>Grand Total</b> (Enter on Line 1-C of Form MBR-1)	<b>3,467,881</b>	<b>3,258,989</b>	<b>3,525,989</b>
<b>Funding Summary:</b>			
General Funds	2,046,547	1,845,533	2,112,533
State Support Special Funds	465,626	439,778	439,778
Federal Funds	405,434	619,004	619,004
Other Special Funds	550,274	354,674	354,674
<b>Total Funds</b>	<b>3,467,881</b>	<b>3,258,989</b>	<b>3,525,989</b>



**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, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested for FY Ending June 30, 2023
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<b>A. Lands (63100xxx)</b>			
Heating/Air-Conditioning Systems	5,264		
Streets & Roads	914		
<b>Total</b>	<b>6,178</b>		

<b>B. Buildings &amp; Improvements (63100xxx)</b>			
Catfish	98,901		
Farm Animals	14,000		
Fences	18,361		
<b>Total</b>	<b>131,262</b>		

<b>Grand Total</b> <i>(Enter on Line 1-D-1 of Form MBR-1)</i>	<b>137,440</b>		
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<b>Funding Summary:</b>			
General Funds	137,440		
State Support Special Funds			
Federal Funds			
Other Special Funds			
<b>Total Funds</b>	<b>137,440</b>		

**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, 2021		Est. FY Ending June 30, 2022		Req. FY Ending June 30, 2023	
	No. of Units	Total Cost	No. of Units	Total Cost	No. of Units	Total Cost

**B. Road Machinery, Farm & Other Equipment (63300xxx)**

NEW						
ATTACHMENT PALLET LIFT		1,100				
SAW PRUNER/POLE		572				
SAW PRUNER/POLE		561				
MOWER GROOMING 7FT		3,833				
BATH FOOT ANIMAL S/S 10FT W/MAT		1,364				
BATH FOOT ANIMAL S/S 10FT W/MAT		1,364				
ATTACHMENT TRACTOR BUCKET LOADER 85IN		1,973				
SAW CHAIN		924				
TRIMMER HEDGE		466				
WEED EATER		299				
CUTTER ROTARY		12,224				
TRAILER AND CHUTE		7,700				
LOADER FRONT END		8,208				
LOADER FRONT END		8,208				
LOADER FRONT END		9,061				
ATV RTV500		5,000				
CUTTER ROTARY 15FT		21,503				
TRAILER DUMP		5,560				
IRRIGATION SYSTEM #1		42,944				
IRRIGATION SYSTEM #2		44,157				
IRRIGATION SYSTEM #3 VR		168,340				
IRRIGATION SYSTEM #4		43,076				
IRRIGATION SYSTEM #5		43,781				
Southern Irrigation		23,006				
Southern Irrigation		43,100				
Parish Tr Kubota RTV XG850WL		12,460				
I2100650 FH Skid Steer		3,831				
I2100630 BL John Deere mower		917				
I210782 DREC Rice Combine		12,075				
I2104054 DREC 10-wheel truck		2,359				
I2104727 NMREC JD Tractor		16,981				
I2105535 NMREC Grain Cart		2,243				

**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, 2021		Est. FY Ending June 30, 2022		Req. FY Ending June 30, 2023	
	No. of Units	Total Cost	No. of Units	Total Cost	No. of Units	Total Cost
I2103507 PO JD Tractor		4,057				
I2009776 Pontotoc Ranger		2,570				
I2010598 Pontotoc Mower		2,000				
I2010690 Pontotoc Seed Tender		3,200				
I2100009 NEMS JD Tractor		19,200				
PC205539 PSS Colorimeter		1,000				
PC205539 Reel Gun		1,600				
TS210001 PSS Peanut Picker		2,000				
PC211130 PSS Spectrophotometer		1,400				
I2100278 RS 2 JD Tractors		30,560				
I2100278 RS John Deere Tractor		12,531				
I2100278 RS 3 JD Tractors		38,857				
I2103180 FH EZ Stock Trailer		1,062				
I2102473 FH Side Discharge Trailer		3,126				
I1514120 ADS Mixer Wagon		652				
I1601035 North MS Compact Tractor		424				
I2010158 FH Stock Trailer		2,046				
I2010763 FH Honda Rancher		2,486				
I2010982 FH 2 Bobcats UV34		5,074				
I2012202 BL New Hollard Tractor		28,272				
I2012280 BL Honda		2,064				
I2012199 BL Gooseneck contractor		2,289				
I2011450 BL Wintersteiger XL Seeder		9,730				
I2011450 BL John Deere Skid Steer		5,700				
I2002891 CP NIRS Instrument		8,818				
I2011004 CP John Deere Baler		7,895				
I2009385 TC John Deere Gator		2,336				
I2010816 TC 2 John Deere Tractors		9,864				
I2011052 WS John Deere Cab Tractor		18,000				
I12010291 DREC Kincaid Plot Combine		51,623				
I2010291 DREC Kincaid Combine-remai		7,777				
I2009637 NMREC Synergy H1		4,276				
<b>Total</b>		<b>841,679</b>				

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

NEW						
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**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, 2021		Est. FY Ending June 30, 2022		Req. FY Ending June 30, 2023	
	No. of Units	Total Cost	No. of Units	Total Cost	No. of Units	Total Cost
COPIER ESTUDIO 3508A		2,295				
COPIER ESTUDIO 3508A		2,295				
CABINET STRG FLMBL		1,005				
SHREDDER PAPER		1,660				
COPIER IR ADV DX 6780I		12,500				
<b>Total</b>		<b>19,755</b>				

**D. IT/IS Equipment (DP & Telecommunications) (63200xxx)**

NEW						
COMPUTER NTBK PD-2100		1,632				
COMPUTER PD-3000		752				
COMPUTER NTBK PD-1800		1,600				
COMPUTER PD-3000		679				
COMPUTER TABLET 128GB		449				
COMPUTER MCBK PRO 2400		3,559				
COMPUTER TABLET 64GB		364				
COMPUTER NTBK PD-2300		2,900				
PRINTER LSRJT PRO MFP M479FDW		499				
COMPUTER NTBK PD-2600		2,210				
COMPUTER NTBK PD-2600		2,210				
PRINTER LSRJT ENT M553DN		659				
COMPUTER PD-3000		735				
COMPUTER PD-3000		2,079				
COMPUTER TABLET 512GB		1,049				
COMPUTER MCBK PRO 2300		2,689				
COMPUTER MCBK PRO 2000		1,699				
COMPUTER NTBK PD-5000		2,495				
COMPUTER NTBK PD-2100		1,885				
PRINTER LSRJT PRO MFP M479DN		399				
COMPUTER TABLET 256GB		1,370				
PRINTER LSRJT PRO MFP M428FDW		399				
PRINTER LSRJT PRO M501DN		450				
COMPUTER NTBK PD-2600		2,275				
PRINTER LSRJT ENT M553N		585				
PRINTER LSRJT ENT M553N		585				
COMPUTER NTBK PD-5000		2,325				

**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, 2021		Est. FY Ending June 30, 2022		Req. FY Ending June 30, 2023	
	No. of Units	Total Cost	No. of Units	Total Cost	No. of Units	Total Cost
COMPUTER PD-2900		1,379				
COMPUTER MCBK PRO 2400		4,099				
MONITOR LCD 42"		1,279				
COMPUTER NTBK PD-5100		4,480				
COMPUTER NTBK AMD-2300		451				
COMPUTER NTBK AMD-2300		451				
COMPUTER NTBK AMD-2300		451				
COMPUTER MCBK PRO M1		1,399				
PRINTER LSRJT PRO MFP M428FDW		449				
PRINTER LSRJT PRO ENT M611DN		1,162				
MONITOR LED 38" CURVED		1,024				
COMPUTER NTBK PD-1600		1,195				
COMPUTER NTBK PD-1800		1,185				
COMPUTER TABLET WIFI 256GB		699				
MONITOR CURVED 38"		1,082				
SERVER STRG DSKSTN 2BAY		300				
COMPUTER NTBK PD-1300		1,800				
COMPUTER NTBK PD-2400		1,472				
COMPUTER PD-3600		1,695				
PRINTER LSRJT M553DN		698				
CAMERA DIGITAL		518				
CAMERA AERIAL		988				
COMPUTER IMAC PRO 27" 3000		5,603				
<b>Total</b>		<b>72,391</b>				

<b>F. Other Equipment (63200xxx)</b>						
TO BE DETERMINED				10,504		10,504
INCUBATOR ISOTEMP		4,997				
FLUOROMETER QUIBIT		2,995				
HOMOGENIZER TISSUE		3,324				
BALANCE ANALYTICAL		2,974				
CHAMBER DRYING		2,558				
CLEANER ULTRASONIC		1,518				
MICROSCOPE TRINOCULAR		1,275				
METER PH		1,071				
ROBOT AUTONOMOUS IPS TRCKD		7,351				

**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, 2021		Est. FY Ending June 30, 2022		Req. FY Ending June 30, 2023	
	No. of Units	Total Cost	No. of Units	Total Cost	No. of Units	Total Cost
ROBOT AUTONOMOUS IPS TRCKD		7,351				
PIPETTE 8 CHNNL		1,785				
BATTERY BACKUP SYSTEM		2,000				
MACHINE ICE MAKING		3,289				
MACHINE ICE MAKING		1,844				
AIR CONDITIONER 2 TON		3,667				
AIR CONDITIONER 2 1/2 TON		3,667				
AIR CONDITIONER 5 TON		3,667				
COMPRESSOR AIR PRTBL 2 1/2 GAL		302				
COMPRESSOR AIR 80GAL		1,100				
WELDER		1,800				
CAMERA GAME TRAP		1,900				
SHAKER BNCHTP		5,696				
STERILIZER STEAM		10,918				
CENTRIFUGE REFRIGERATED MICRO		6,329				
UNIT CONDENSING AIR COOLED		12,700				
SPECTROPHOTOMETER		9,357				
AUTOCLAVE		4,970				
SYSTEM IMAGING MOLECULAR GEL		33,475				
SPRAYER FERTILIZER LIQUID		25,500				
CENTRIFUGE REFRIGERATED		9,409				
VESSELL CRYOGENIC		5,436				
FLUOROMETER		5,096				
SPECTROPHOTOMETER		7,000				
<b>Total</b>		<b>196,321</b>		<b>10,504</b>		<b>10,504</b>
<b>Grand Total</b> <i>(Enter on Line 1-D-2 of Form MBR-1)</i>		<b>1,130,146</b>		<b>10,504</b>		<b>10,504</b>

<b>Funding Summary:</b>			
General Funds	590,007	10,504	10,504
State Support Special Funds			
Federal Funds	540,139		
Other Special Funds			
<b>Total Funds</b>	<b>1,130,146</b>	<b>10,504</b>	<b>10,504</b>

**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, 2021	Act. FY Ending June 30, 2021		Est. FY Ending June 30, 2022		Req. FY Ending June 30, 2023	
		No. of Units	Total Cost	No. of Units	Total Cost	No. of Units	Total Cost

**A. Passenger & Work Vehicles (63300xxx)**

XXX 63310 Passenger, Basic Economy	1						
XXX 63310 Passenger, Lower Middle							
XXX 63392 Truck, Sport Utility	8						
XXX 63393 Truck, Minivan (Passenger)	2						
XXX 63400 Other Vehicles	3						
XXX 63390 Truck, Fullsize Pickup	210						
<b>Total (A)</b>	<b>224</b>						

**GRAND TOTAL**

(Enter on Line 1-D-3 of Form MBR-1)

<b>Funding Summary:</b>			
General Funds			
State Support Special Funds			
Federal Funds			
Other Special Funds			
<b>Total Funds</b>			

**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, 2021	Act. FY Ending June 30, 2021		Est. FY Ending June 30, 2022		Req. FY Ending June 30, 2023	
		No. of Devices	Actual Cost	No. of Devices	Estimated Cost	No. of Devices	Requested Cost

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



**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, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested for FY Ending June 30, 2023
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<b>Grand Total</b> <i>(Enter on Line 1-E of Form MBR-1)</i>			
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<b>Funding Summary:</b>			
General Funds			
State Support Special Funds			
Federal Funds			
Other Special Funds			
<b>Total Funds</b>			



## Legislative Budget Request 2022-23

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### **MAFES' Role**

Agriculture is one of Mississippi's largest industries generating \$7.5 billion in farm gate value, \$105 million in research and development expenditures in agricultural sciences (#11 national ranking), and \$16.17 billion in economic impacts. 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.

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### ***Detail of the MAFES Request***

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#### **SREB: IHL Salary Initiative**

The IHL initiative to reach the Southern Regional Education Board (SREB) Median in 6 years will require \$1,088,429 General Funds for MAFES, or 4.73% increase in general funds, based on FY22 General Funds of \$23,026,502. Benefits of this initiative include faculty retention value and program stability.

**SREB Salary Request: \$1,088,429**

#### **Brown Loam Branch Experiment Station Re-purposing**

Re-purposing of the Brown Loam Branch Experiment Station is allowing us to build research that meets the needs of the central region of the state. One faculty position, plus support, will allow for both crop research and beef research to be established, which are significant needs as indicated by state constituents. It will also support collaborative efforts with our regional Extension partners, expanding our ability to disseminate knowledge and increase our responsiveness to our farmers and the surrounding ag community.

**Brown Loam Re-purposing: \$196,480**

#### **Coastal Seafood Initiative**

The recently approved Northern Gulf Aquatic Food Research Center (Ocean Springs) and the purchase of Sunplex Industrial Park property for that facility will position Mississippi State to develop the food safety research capacity needed to support the Gulf Coast seafood industry and eliminate export of this capability out of state. This request supports .75 FTE faculty plus support positions to solidly establish the expanded research program.

**Coastal Seafood Initiative: \$159,115**



### **Position Refocusing**

Bringing back lost or frozen positions in critical focus areas include:

- ***Precision Agriculture: 1 engineering faculty positions with support staff***  
Precision Agriculture includes remote sensing from satellite, fixed wing, and Unmanned Aerial Systems (UAS) platforms; spatially explicit yield data; addressing ecological impacts; sensor-based irrigation scheduling, and variable-rate inputs provide producers the information to develop site-specific prescriptions and make data-based production decisions.
- ***Big Data/Data Science: .5 FTE faculty position with support staff***  
**Big data** provides farmers granular **data** on rainfall patterns, water cycles, fertilizer requirements, enabling them to make smart decisions, such as what crops to plant for better profitability and when to harvest. The right decisions ultimately improve farm yields.
- ***Food Safety & Security: .5 faculty position with support staff***  
Food safety and security includes researching food supply chains and impact thereon; developing research aimed at supporting and improving local food network, rural food supply; improving shelf life and research storage techniques for packing houses, small businesses, cottage industries and cooperatives; and allowing for expansion of the supporting businesses.

These positions will provide for ***expanded state-funded research*** in these focus areas and allow us to ***compete for research dollars*** offered by external agencies including but not limited to USDA (National Institute of Food and Agriculture (NIFA) and the Agricultural Research Service (ARS)), animal industries such as the beef, catfish and poultry, as well as commodity boards for soybean, rice, peanut, cotton and corn. Adding faculty positions ***increases the number of graduate students that can be trained***, increasing the challenged area of young ag leadership both nationwide, but specifically for Mississippi.

**Refocusing Positions: \$372,046**

### **Critical Operating Support**

***State Support of actual operating costs*** has declined 14%, and today represents just 24% of total operating expenditures. Factors impacting the decline include Increases in basic cost of goods, cannibalization of operating to protect our most valuable asset, people, during budget rescissions and additional permanent stress on static operating budget from aging facilities. ***Infusing the research program*** with additional support dollars will open opportunity to expand research projects that support the ag industry. ***Purchase of new technology*** that benefits the ag industry is needed both to keep up with technology in use by today's farmers as well as to research impact of changing technology to jump-start farmers in its use. Many of the state's farmers are ahead of us in their use of technology, and we need to catch up.

**Operating Support: \$463,554**



*We appreciate your consideration of our request for*

***SREB: IHL Salary Initiative***

*\*IHL-wide initiative\**

***Brown Loam Branch Experiment Station Re-purposing***

*\*help us bring the station back better and stronger\**

***Coastal Seafood Initiative***

*\*emerging area of emphasis for research supporting the coastal region\**

***Position Refocusing***

*\*looking to support the future of research needs for Mississippi Ag\**

***Critical Operating Support***

*\*let's reverse long years of stagnant operating funds\**

**Total FY22-23 Request:      \$2,279,624**

**OUT-OF-STATE TRAVEL**  
**FISCAL YEAR 2023**

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 2021 on Form Mbr-1, line 1.A.2.b.

Employee's Name	Destination	Purpose	Travel Cost	Funding Source
Bronson Bass	Savannah, GA	Attend 2021 American Forage & Grassland Conference	136	State 55% Federal 29% Other 16%
Colby Hardin	Tifton, GA	Pick up dairy cows for Dr. Stone	169	State 55% Federal 29% Other 16%
Ganesh Karunakaran	Seracy, AR	Catfish producer on-farm meetings	427	State 55% Federal 29% Other 16%
Jason Rushing	Savannah, GA	Attend 2021 American Forage & Grassland Conference	872	State 55% Federal 29% Other 16%
Jeffrey Johnson	Snowbird, UT	Attend University Council on Water Resources Conference	585	State 55% Federal 29% Other 16%
John Thomasson	College Station, TX	Meet with research students for transitioning projects to MSU	619	State 55% Federal 29% Other 16%
John Thomasson	College Station, TX	Meet with research students for transitioning projects to MSU	789	State 55% Federal 29% Other 16%
John Thomasson	College Station, TX	Visit with graduate students at University of TX A & M	681	State 55% Federal 29% Other 16%
Kenneth Graves	Tifton, GA	Pick up dairy cows for Dr. Stone	169	State 55% Federal 29% Other 16%
Raju Bheemanahalli Rangappa	Memphis, TN	Pick up graduate student	193	State 55% Federal 29% Other 16%
Rhonda Vann	Manhattan, KS	ultrasound guidelines field certification	283	State 55% Federal 29% Other 16%
Rhonda Vann	Overton, TX	Transfer genetic material (bull) for S-1086 collaborative research project	44	State 55% Federal 29% Other 16%
Ryan Phillips	Raleigh/Durham, NC	PhD student position	463	State 55% Federal 29% Other 16%
TeMing Tseng	College Station, TX	Precision Ag Workshop/Training	1,322	State 55% Federal 29% Other 16%
Worlanyo Segbefia	College Station, TX	Precision ag workshop and training	172	State 55% Federal 29% Other 16%
<b>Total Out of State Cost</b>			<b>\$ 6,924</b>	

# 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, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested Expenses FY Ending June 30, 2023	Fund Source
XXX Lab and Testing Fees					
210208000 PSS Ferguson sample/Testing fee <i>Comp. Rate: 100 fluoemturon analysis @ \$65 each; 100 s- metolachlor analysis @ \$6500</i>		13,000			Fed/State/Othe r
CUMBERLAND VALLEY - LAB ANALYSIS/Corn Silage <i>Comp. Rate: 1 sample @ \$52 average</i>		52			Fed/State/Othe r
Holland Veterinary Hospital/Bovine Exam <i>Comp. Rate: 1 @ \$35</i>		35			Fed/State/Othe r
Holland Veterinary Hospital/Equine Exam <i>Comp. Rate: 1 @ \$45</i>		190			Fed/State/Othe r
Holland Veterinary Hospital/Supplies <i>Comp. Rate: 3 @ \$24 average</i>		72			Fed/State/Othe r
IGBB Inv # IGBB-2021-393/Taw MSMS data collection via nano- <i>Comp. Rate: 36 @ \$88</i>		3,171			Fed/State/Othe r
IGBB Inv # IGBB-2021-394/Taw MSMS data collection via nano- <i>Comp. Rate: 36 @ \$88</i>		3,171			Fed/State/Othe r
IGBB Inv# IGBB-2021-400/Raw MSSM data cp;ectopm via nano- <i>Comp. Rate: 44 @ \$88</i>		3,876			Fed/State/Othe r
Lab analysis - Smith/ Hunter/Nutrition lab analysis <i>Comp. Rate: 104 samples @ \$20 each</i>		2,080			Fed/State/Othe r
Louisiana State University/Pregnancy test <i>Comp. Rate: 52 sets @ \$3 average a set</i>		130			Fed/State/Othe r
Mid-South Dairy Records/DHIA Testing <i>Comp. Rate: Monthly fees@ \$167 average</i>		167			Fed/State/Othe r
Mid-South Dairy Records/DHIA Testing <i>Comp. Rate: Monthly fees @ \$137 average</i>		137			Fed/State/Othe r
Mid-South Dairy Records/DHIA Testing <i>Comp. Rate: Monthly fees @ \$183 average</i>		183			Fed/State/Othe r
Mid-South Dairy Records/DHIA Testing <i>Comp. Rate: Monthly Fee @ \$143 average</i>		143			Fed/State/Othe r
Mid-South Dairy Records/DHIA Testing <i>Comp. Rate: Monthly fee @ \$113 average</i>		114			Fed/State/Othe r
Mid-South Dairy Records/DHIA Testing <i>Comp. Rate: Monthly fee @ \$160 average</i>		160			Fed/State/Othe r
Mid-South Dairy Records/DHIA Testing					

# FEES, PROFESSIONAL AND OTHER SERVICES

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Name of Agency

TYPE OF FEE AND NAME OF VENDOR	Retired w/ PERS	(1) Actual Expenses FY Ending June 30, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested Expenses FY Ending June 30, 2023	Fund Source
Comp. Rate: Monthly fee @ \$153 average		153			Fed/State/Other
Mid-South Dairy Records/DHIA Testing					
Comp. Rate: Monthly fees @ \$475 average		475			Fed/State/Other
Mid-South Dairy Records/DHIA Testing					
Comp. Rate: Monthly fees @ \$207 average		207			Fed/State/Other
Mid-South Dairy Records/DHIA Testing					
Comp. Rate: Monthly fees @ \$133 average		133			Fed/State/Other
Mid-South Dairy Records/MDSR Computer Equipment					
Comp. Rate: 1 @ \$349 average		349			Fed/State/Other
Mid-South Dairy Records/MDSR Computer Equipment					
Comp. Rate: 1 @ \$382 average		382			Fed/State/Other
Mid-South Dairy Records/MDSR Computer Equipment					
Comp. Rate: 1 @ \$358 average		358			Fed/State/Other
Mid-South Dairy Records/Sick calve sample					
Comp. Rate: 1 @ \$24		24			Fed/State/Other
MIDWEST LABS analyze water- hay/Analyze water and Hay					
Comp. Rate: 3 sets @ \$78 average		233			Fed/State/Other
MIDWEST LABS roughage analysis/Analyze Hay					
Comp. Rate: 3 sets @ \$23 average		69			Fed/State/Other
MIDWEST LABS water quality analysis/Analyze Water					
Comp. Rate: 1 @ \$95		95			Fed/State/Other
Noble Research Institute LLC/Mini mill wd analysis					
Comp. Rate: 1 @ \$266		266			Fed/State/Other
Noble Research Institute LLC/NIRS Analysis					
Comp. Rate: 891 units @ \$1 average		1,203			Fed/State/Other
Noble Research Institute LLC/NIRS Analysis					
Comp. Rate: 299 @ \$3 average		1,992			Fed/State/Other
Noble Research Institute LLC/NIRS Analysis					
Comp. Rate: 698 units \$5 per unit average		3,455			Fed/State/Other
Noble Research Institute LLC/NRIS Analysis					
Comp. Rate: 1 @ \$2305		2,305			Fed/State/Other
Novogene Corporation Inc/MRNA Library preparation (poly A					
Comp. Rate: 3 @ \$110/each & 3 @ \$87/each & 3 @ \$105/each		906			Fed/State/Other
Novogene Corporation Inc/Sequencing					



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Comp. Rate: 96 samples @ \$169/each		16,224			Fed/State/Other
PC - ATC Scientific-FeedDigestSampl/Feed sample Testing					
Comp. Rate: 4 samples @ \$148 each; 3 samples @ \$52 each; 8 samples @ \$111 each		1,636			Fed/State/Other
PC Eurofins-StandartReadPlates/Standard Read Plates					
Comp. Rate: 49 plates @ \$2/each		98			Fed/State/Other
PROCARD ATC SCIENTIFIC/Feed sample Testing					
Comp. Rate: 6 samples @ \$52; 16 samples @ \$148		2,680			Fed/State/Other
PROCARD CUMBERLAND VALLEY ANALYT/Dairy Feed					
Comp. Rate: 3 samples @ \$52 average		160			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/DNA Oligo in Tubes;					
Comp. Rate: 1 unit @ \$5 average; 1 unit @ \$4 average; 17 plates @ \$5 average		98			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/DNA Oligo Synthesis					
Comp. Rate: 4 bases @ \$7 average; 1 base @ \$7 average; 1 base @ \$6 average		49			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/DNA Oligo Synthesis					
Comp. Rate: 1 @ \$4 average; 4 @ \$4 each on average; 2 @ \$4 each on average; 3 @ \$4 each on average; 1 @ \$4 average		43			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/DNA Primers					
Comp. Rate: 4 bases @ \$5 each on average; 5 bases @ \$5 each on average; 2 bases @ \$4 each average; 3 bases @ \$5 each on a		102			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/DNA Primers					
Comp. Rate: 2 bases @ \$4 each on average; 1 base @ \$4 average; 1 base @ \$4 average		16			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/DNA Primers					
Comp. Rate: 4 bases @ \$4 average; 1 base @ \$4 average; 1 base @ \$4 average; 1 base @ \$4 average		28			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/DNA Primers					
Comp. Rate: 1 base @ \$4 average; 6 bases @ \$4 average; 1 base @ \$4 average; 3 bases @ \$5 average; 2 bases @ \$5 average		67			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/DNA Primers					
Comp. Rate: 3 bases @ \$4 average; 1 base @ \$5 average; 1 base @ \$4 average; 1 base @ \$5 average; 5 bases @ \$4 average;		58			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/DNA Primers					
Comp. Rate: 3 bases @ \$5 average; 1 base @ \$4 average		18			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/Standard Read Plates					
Comp. Rate: 2 plates @ \$5 average		11			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/Standard Read Plates					
Comp. Rate: 30 plates @ \$2 each		60			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/Standard Read Plates					
Comp. Rate: 30 plates @ \$2 each		60			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/Standard Read Plates					

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Comp. Rate: 71 plates @ \$2 each		142			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/Standard Read Plates					
Comp. Rate: 94 plates @ \$2 each		188			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/Standard Read Plates					
Comp. Rate: 88 plates @ \$2 each		176			Fed/State/Other
PROCARD EUROFINS GENOMICS LLC/Standard Read Plates;					
Comp. Rate: 184 plates @ \$2 each; 22 bases @ \$5 average; 35 bases @ \$4 average; 6 bases @ \$3 average; 1 base @ \$6 average		837			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 16 samples @ \$5/each average		84			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 12 samples @ \$5/each average		63			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 23 samples @ \$5/each average		121			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 2 samples @ \$12/each		24			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 16 samples @ \$5/each average		84			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 24 samples @ \$5/each on average		126			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 14 samples @ \$5/each on average		74			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 12 samples @ \$5/each on average		63			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 8 samples @ \$5/each on average 2 samples @ \$9/each on average		59			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 6 samples @ \$5/each on average		32			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 4 samples @ \$5/each on average		33			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 29 samples @ \$5/each on average		152			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 42 samples @ \$5/each on average		221			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					

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TYPE OF FEE AND NAME OF VENDOR	Retired w/ PERS	(1) Actual Expenses FY Ending June 30, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested Expenses FY Ending June 30, 2023	Fund Source
Comp. Rate: 2 samples @ \$5/each on average & 1 sample @ \$12		23			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 14 samples @ \$5/each on average		74			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 8 samples @ \$5/each on average		42			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 12 samples @ \$5/each on average		63			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 44 samples @ \$5/each on average		231			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 18 samples @ \$5/each on average		95			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 16 samples @ \$5/each on average		84			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 21 samples @ \$5/each on average		105			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 10 samples @ \$5/each on average		53			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 16 samples @ \$5/each on average		84			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 16 samples @ \$5/each on average & 2 samples @ \$9/each on average		101			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 20 samples @ \$5/each on average		105			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 5 samples @ \$5/each on average		26			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 12 samples @ \$5/each on average		63			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 19 samples @ \$5/each on average		100			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 1 samples @ \$43/each		43			Fed/State/Other
PROCARD EUROFINS sequencing/Sequencing					
Comp. Rate: 14 samples @ \$5/each on average		74			Fed/State/Other
PROCARD MOLECULAR sequencing/Sequencing					

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Comp. Rate: 8 samples @ \$2/each on average		16			Fed/State/Other
PROCARD MOLECULAR sequencing/Sequencing					
Comp. Rate: 40 samples @ \$2/each on average		80			Fed/State/Other
PROCARD MOLECULAR sequencing/Sequencing					
Comp. Rate: 11 samples @ \$2/each on average		22			Fed/State/Other
PROCARD MOLECULAR sequencing/Sequencing					
Comp. Rate: 14 samples @ \$2/each on average		28			Fed/State/Other
PROCARD MOLECULAR sequencing/Sequencing					
Comp. Rate: 6 samples @ \$4/each on average		21			Fed/State/Other
PROCARD MOLECULAR sequencing/Sequencing					
Comp. Rate: 8 samples @ \$2/each on average		16			Fed/State/Other
PROCARD MOLECULAR sequencing/Sequencing					
Comp. Rate: 12 samples @ \$2/each on average		24			Fed/State/Other
PROCARD MOLECULAR sequencing/Sequencing					
Comp. Rate: 40 samples @ \$2/each on average		80			Fed/State/Other
PROCARD USDA- APHIS- NVSL/Bacterial Serotyping of Salmon					
Comp. Rate: 9 units @ \$40		360			Fed/State/Other
PROCARD USDA- APHIS- NVSL/Bacterial Serotyping of					
Comp. Rate: 9 units @ \$40; 1 unit @ \$72		432			Fed/State/Other
PROCARD USDA- APHIS- NVSL/Bacterial Serotyping of					
Comp. Rate: 10 units @ \$40		400			Fed/State/Other
PROCARD USDA- APHIS- NVSL/Bacterial Serotyping of					
Comp. Rate: 10 units @ \$40		400			Fed/State/Other
PROCARD USDA- APHIS- NVSL/Bacterial Serotyping of					
Comp. Rate: 10 units @ \$40		400			Fed/State/Other
PROCARD USDA- APHIS- NVSL/Bacterial Serotyping of					
Comp. Rate: 10 units @ \$40		400			Fed/State/Other
PROCARD USDA- APHIS- NVSL/Bacterial Serotyping of					
Comp. Rate: 11 units @ \$40		440			Fed/State/Other
PROCARD USDA- APHIS- NVSL/Bacterial Serotyping of					
Comp. Rate: 7 units at \$40 each		280			Fed/State/Other
PROCARD USDA- APHIS- NVSL/Bacterial Serotyping of					

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Comp. Rate: 10 units @ \$40		400			Fed/State/Other
PROCARD WAYPOINT ANALYTICAL- INC/Soil testing					
Comp. Rate: 3 @ \$4 each average & 3 @ \$9 each average		37			Fed/State/Other
PROCARD ZYMO/RNA testing kit					
Comp. Rate: 1 kit @ \$555		555			Fed/State/Other
soiltest-Bass-12/03/20/soil test					
Comp. Rate: \$8 per test		1,620			Fed/State/Other
soiltest-Bass-12/03/20/soil test					
Comp. Rate: \$8 per test		480			Fed/State/Other
soiltest-BeefUnit-8/25/20/Beef Unit soil testing					
Comp. Rate: 8 samples @ \$8 each		64			Fed/State/Other
soiltest-Blackbelt-10/05/20/Soil Test					
Comp. Rate: \$8 Each		48			Fed/State/Other
soiltest-Calhoun-01/06/21/soil testing fee					
Comp. Rate: 2 samples @ \$10		20			Fed/State/Other
soiltest-Calhoun-05/12/21/soil testing fee					
Comp. Rate: 1 sample @ \$10		10			Fed/State/Other
soiltest-Coffman-8/25/20/Soil Test					
Comp. Rate: \$8 Each		104			Fed/State/Other
soiltest-Daniels-11/13/20/Soil Test					
Comp. Rate: \$8 Each		8			Fed/State/Other
soiltest-Montgomery-01/14/21/Soil Testing					
Comp. Rate: 9 samples @ \$8 each		72			Fed/State/Other
soiltest-Rushing-3/30/21/soil test					
Comp. Rate: \$8 per test		90			Fed/State/Other
soiltest-Waddell-06/07/21/soil test					
Comp. Rate: \$8 per test		2,490			Fed/State/Other
soiltest-Waddell-06/07/21/soil test					
Comp. Rate: \$8 per test		2,490			Fed/State/Other
Southern Soil and Plant Lab LLC/Soil samples					
Comp. Rate: 2 @ \$8 each		16			Fed/State/Other
To be determined/					
Comp. Rate:			150,000	175,000	
University of California Davis/DNA sequencing					

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Comp. Rate: 32 samples @ \$8 average		240			Fed/State/Other
University of Illinois/Sequencing					
Comp. Rate: 69 samples @ \$150		10,276			Fed/State/Other
University of Kentucky/Dairy Samples					
Comp. Rate: 19 samples @ \$200 each		3,800			Fed/State/Other
University of Oklahoma/Identification; quantification; &					
Comp. Rate: 18 @ \$160 each		2,880			Fed/State/Other
University of Oklahoma/Protein/peptide identification					
Comp. Rate: 36 @ \$200 each		7,200			Fed/State/Other
<b>Total XXX Lab and Testing Fees</b>		<b>101,238</b>	<b>150,000</b>	<b>175,000</b>	
XXX Other Fees & Services					
1812PD-LS104;PaceSeedVideo/Cameras					
Comp. Rate: 2 @ \$1000/each		2,000			Fed/State/Other
Academic Research Funding/Proposal Editing					
Comp. Rate: 30 hours for \$3515		3,515			Fed/State/Other
American Society of Agricultural and Biological Engineers/page ad					
Comp. Rate: Ad publication & 700 copies @ \$2000		2,000			Fed/State/Other
American Society of Agricultural and Biological Engineers/page					
Comp. Rate: 7 pages @ \$700		700			Fed/State/Other
Andy R Taylor/CDL driving test					
Comp. Rate: 1 @ \$200		200			Fed/State/Other
Andy R Taylor/CDL License fee					
Comp. Rate: 1 @ \$55		55			Fed/State/Other
Andy R Taylor/CDL Physical Fee					
Comp. Rate: 1 @ \$75		75			Fed/State/Other
Applied Economics - Submission Fee/manuscript submission fee					
Comp. Rate: \$125 fee		125			Fed/State/Other
Archer Alarms & Telephones/Alarm Monitoring Jan-Jun					
Comp. Rate: 1-(6) month period coverage @ \$228		228			Fed/State/Other
Archer Alarms & Telephones/Alarm Monitoring Jan-Jun					
Comp. Rate: 1-(6) month period coverage @ \$228		132			Fed/State/Other
Archer Alarms & Telephones/Alarm Monitoring July-December					
Comp. Rate: 1-(6) month period coverage @ \$228		132			Fed/State/Other
Archer Alarms & Telephones/Alarm Monitoring July-December					

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Comp. Rate: 1-(6) month period coverage @ \$228		228			Fed/State/Othe r
BrahmanBreederAssn-BullRegisterFees/1 Year Membership					
Comp. Rate: 1 @ \$35		35			Fed/State/Othe r
Brian David Perkins/Shod and trim hooves					
Comp. Rate: 3 sets @ \$67 average		200			Fed/State/Othe r
Brian David Perkins/Shod and trim hooves					
Comp. Rate: 3 sets @ \$67 average		200			Fed/State/Othe r
Brian David Perkins/Shod and trim hooves					
Comp. Rate: 3 sets @ \$67 average		200			Fed/State/Othe r
Brian David Perkins/Shod and trim hooves					
Comp. Rate: 4 1/2 sets @ \$58 average		260			Fed/State/Othe r
Brian David Perkins/Shod and Trim Hooves					
Comp. Rate: 2 1/2 sets @ \$96 average		240			Fed/State/Othe r
Brian David Perkins/Shod and Trim Hooves					
Comp. Rate: 4 sets @ \$65 average		260			Fed/State/Othe r
Brian David Perkins/Shod hooves					
Comp. Rate: 1 1/2 sets @ \$50 a 1/2 set		125			Fed/State/Othe r
Bureau of Plant Industry/Boll Weevil Eradication Program					
Comp. Rate: 2 at \$149 average		299			Fed/State/Othe r
CADMUS JOURNAL publication cost/Article Processing Fee					
Comp. Rate: 1 @ \$1760		1,760			Fed/State/Othe r
Christopher J Foreman/spreading of fertilizer					
Comp. Rate: 200 ton @ \$20/ton		4,000			Fed/State/Othe r
Coastal Fire & Safety-Alarm Serv/Annual Fire Alarm certification					
Comp. Rate: \$536 total (50/50 split between 180000 and 160000); 1 @ \$300 (FACP Certification of Fire Alarm System) +		268			Fed/State/Othe r
CopyrightClearance-CoatneyPageChrgs/Open Access - Journal					
Comp. Rate: 1 @ \$1620		1,620			Fed/State/Othe r
Corr from code 6490 for testing/SEM - JEOL 6500					
Comp. Rate: 2 @ \$100 & 1 @ \$75 and Consumables \$20		295			Fed/State/Othe r
cost txf fr 322569/PC213540/professional fees					
Comp. Rate: 1 registration @ \$75		75			Fed/State/Othe r
Cost txf PC213540 fr 327006/professional fees					
Comp. Rate: 1 registration @ \$150; 1 registration @ \$42; 1 registration @ \$75		75			Fed/State/Othe r
Cost Txf TL215004 fr 325016/ITS added SSD and extra RAM to a					

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Comp. Rate: 1 @ \$121 average		121			Fed/State/Othe r
Douglas M Shaw/CDL Physical Fee					
Comp. Rate: 1 @ \$75		75			Fed/State/Othe r
DRI XLSTAT/Academic Annual License					
Comp. Rate: 1 @ \$165		165			Fed/State/Othe r
Electronic Services Inc/installation of cable and hardware					
Comp. Rate: 1 installation @ \$2300		2,300			Fed/State/Othe r
Elsevier - submission fee/Submission fee					
Comp. Rate: \$65 + international fee		65			Fed/State/Othe r
Elsevier B.V.Regional Studies/publishing charge					
Comp. Rate: 1 publication @ \$1800		1,800			Fed/State/Othe r
Environmental Services-Inspection/Asbestos inspection					
Comp. Rate: 1 @ \$650		650			Fed/State/Othe r
EZ Clean-Lab Coat Cleaning/Cleaning of lab coats & freezer					
Comp. Rate: 1 @ \$10 average (coveralls); 1 @ \$7 average (refrigerator jacket); 2 @ \$5 (chef coats)		28			Fed/State/Othe r
EZ Clean-Lab Coat Dry Cleaning/Lab Coat Cleaning (Seafood Lab)					
Comp. Rate: 3 @ \$8 average (coats) & 3 @ \$10 (coats) & 1 @ \$1 average (environmental charge)		54			Fed/State/Othe r
FDRS-Publication Fee/Journal publication for Ben Posadas					
Comp. Rate: 8 pages @ \$65 per page		520			Fed/State/Othe r
Feed Haulers II Inc/Catfish Feed Nutrition Research					
Comp. Rate: 1 quarter @ \$25000 nutrition research		25,000			Fed/State/Othe r
Feed Haulers II Inc/Catfish Feed Nutrition Research					
Comp. Rate: 1 quarter @ \$25000 nutrition research		25,000			Fed/State/Othe r
Feed Haulers II Inc/Catfish Feed Nutrition Research					
Comp. Rate: 1 quarter @ \$25000 nutrition research		25,000			Fed/State/Othe r
Feed Haulers II Inc/Catfish Feed Nutrition Research					
Comp. Rate: 1 quarter @ \$25000 nutrition research		25,000			Fed/State/Othe r
Gilson Inc/Pippett and service calibration					
Comp. Rate: 9 pippett services @ \$43 average		389			Fed/State/Othe r
GLENN BOLIN'S T tow truck 109173/towed vehicle to station					
Comp. Rate: 1 local tow @ \$160		160			Fed/State/Othe r
I2AT-Inv 1158/SEM - JEOL 6500					
Comp. Rate: 2 @ \$100 & 1 @ \$75 and Consumables \$20		295			Fed/State/Othe r
Independent Elevator Inspections L/Annual Elevator inspection &					



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Comp. Rate: \$193 total (50/50 split between 180000 and 160000); 1 @ \$85 (Annual Elevator Inspection) + 2 @ \$5 (# of fl		97			Fed/State/Othe r
Informaulkt International Fee/Applied Economics Journal					
Comp. Rate: 1% of charge		1			Fed/State/Othe r
InternationalFee-Elsevier/International transaction fee					
Comp. Rate: 1% of charge		1			Fed/State/Othe r
Inv# GRI-UAS-2020-28/analysis					
Comp. Rate: Various UAS Services at \$421		421			Fed/State/Othe r
INVOICE#0920-005 SEPT 2020/parking pass					
Comp. Rate: 3 @ \$8/each		24			Fed/State/Othe r
INVOICE#0920-006 SEPT 2020/parking pass					
Comp. Rate: 1 @ \$8/each		8			Fed/State/Othe r
JohnWiley&Sons-PetroliaOpenAccess/Open Access - Journal article					
Comp. Rate: 1 @ \$3000		3,000			Fed/State/Othe r
MDPI AG Publication Cost/Microorganisms Article Processing					
Comp. Rate: 1 @ \$1062		1,062			Fed/State/Othe r
MDPI Publishing/article processing charges					
Comp. Rate: 1 @ \$987		987			Fed/State/Othe r
Mississippi Department of Transport/Harvest Permit					
Comp. Rate: \$25 Each		50			Fed/State/Othe r
Mississippi State Department of Hea/Certificate					
Comp. Rate: 1 @ \$150		150			Fed/State/Othe r
Mississippi State Department of Hea/Certificate					
Comp. Rate: 1 @ \$90		90			Fed/State/Othe r
Mississippi State Department of Hea/Water heater certification					
Comp. Rate: \$90 total; 3 @ \$30 each (50/50 split between 180000 and 160000)		45			Fed/State/Othe r
Mississippi State Department of Hea/Water Quality Analysis Fee					
Comp. Rate: 1 fee @ \$258		258			Fed/State/Othe r
MSU PD Genetec Invoice1812PD-LS097/Installation of Genetec					
Comp. Rate: Genetec Mercury Intelligent Controller @ \$615; Genetec Advantage @ \$11; Altronix Enclosure and Backplane @		2,151			Fed/State/Othe r
NCURA/a cook registration/Registration					
Comp. Rate: 1 @ \$377 average		377			Fed/State/Othe r
NCURA/c watts registration/NCURA registration fee					
Comp. Rate: 1 @ \$377		377			Fed/State/Othe r
NCURA/g cavinder registration/NCURA virtual registration					

# 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, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested Expenses FY Ending June 30, 2023	Fund Source
Comp. Rate: 1 person ticket \$377 average		377			Fed/State/Other
NCURA/k nichols registration/Registration to attend virtual					
Comp. Rate: 1 registration @ \$377/person		377			Fed/State/Other
NCURA/l bullman registration/Registration					
Comp. Rate: 3 @ \$377 average		377			Fed/State/Other
NCURA/l starkey registration/Registration					
Comp. Rate: 2 @ \$377 average		377			Fed/State/Other
NCURA/ma latham registration/Registration					
Comp. Rate: 5 @ \$377 average		377			Fed/State/Other
NCURA/v whitledge registration/Registration					
Comp. Rate: 4 @ \$377 average		377			Fed/State/Other
Novogene Corporation Inc/Amplicon Sequencing					
Comp. Rate: 102 sequences @ \$52 per sample		5,304			Fed/State/Other
Novogene Corporation Inc/Amplicon Sequencing					
Comp. Rate: 48 sequences @ \$52 per sample		2,496			Fed/State/Other
Novogene Corporation Inc/Metagenomics Sampling					
Comp. Rate: 48 samples @ \$52 per sample		2,496			Fed/State/Other
PC US PoultryEgg - IPPE Sukumaran/Registration to International					
Comp. Rate: Anuraj Sukumaran Conference Registration @ \$100		100			Fed/State/Other
PC US PoultryEgg-IPPE Adhikari/Registration to International					
Comp. Rate: Pratima Adhikari's Conference Registration @ \$100		100			Fed/State/Other
PC US PoultryEgg-IPPE Registrat Li/Registration to International					
Comp. Rate: Tianmin Li's Conference Registration @ \$100		100			Fed/State/Other
PC US PoutryEgg - IPPERegistr Zhang/Registration to International					
Comp. Rate: Li Zhang's Conference Registration @ \$100		100			Fed/State/Other
PC WPYCwrad - ZhangConferenceRegist/Registration for					
Comp. Rate: 1 Senior Scientist Registration Fee @ \$100		100			Fed/State/Other
Pinnacle 2085/Replaced door battery at Clay Lyle					
Comp. Rate: 1 @ \$25		25			Fed/State/Other
Pinnacle 2085/Replaced door battery Room 126 Clay Lyle					
Comp. Rate: 1 @ \$25		25			Fed/State/Other
Pinnacle 2311/telephone service					
Comp. Rate: Monthly Charge @ \$75		75			Fed/State/Other
Pinnacle 2311/telephone service					

# 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, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested Expenses FY Ending June 30, 2023	Fund Source
<i>Comp. Rate: Monthly Charge @ \$25</i>		25			Fed/State/Other
Pinnacle 2311/telephone service					
<i>Comp. Rate: Monthly Charge @ \$25</i>		25			Fed/State/Other
Pinnacle 2311/telephone service					
<i>Comp. Rate: Monthly Charge @ \$75</i>		75			Fed/State/Other
Pinnacle 2311/telephone service					
<i>Comp. Rate: Monthly Charge @ \$50</i>		50			Fed/State/Other
Pinnacle 2311/telephone service					
<i>Comp. Rate: Monthly Charge @ \$25</i>		25			Fed/State/Other
Pinnacle 2311/telephone service					
<i>Comp. Rate: Monthly Charge @ \$75</i>		75			Fed/State/Other
Pinnacle 2311/telephone service					
<i>Comp. Rate: Monthly Charge @ \$50</i>		50			Fed/State/Other
Pinnacle 2311/telephone service					
<i>Comp. Rate: Monthly Charge @ \$204</i>		204			Fed/State/Other
Pinnacle 2640/Replaced door battery for Room 104 Dorman					
<i>Comp. Rate: 1 @ \$25</i>		25			Fed/State/Other
Pinnacle 2640/Replaced door battery Room 162 Clay Lyle					
<i>Comp. Rate: 1 @ \$25</i>		25			Fed/State/Other
Pinnacle 2640/Replaced door battery Room 44 Clay Lyle					
<i>Comp. Rate: 1 @ \$25</i>		25			Fed/State/Other
Pinnacle 2802/Keyboard Replacement					
<i>Comp. Rate: 1 for \$33 average</i>		33			Fed/State/Other
Pinnacle 3133/Telecommunications installed two data ports					
<i>Comp. Rate: \$284 to install two data ports</i>		284			Fed/State/Other
Pinnacle 3133/Telecommunications moved port in 262 Thompson					
<i>Comp. Rate: \$74 average to move port for Street</i>		74			Fed/State/Other
Pinnacle 3200/Network Infrastructure Installation					
<i>Comp. Rate: 1 @ \$323</i>		323			Fed/State/Other
Pinnacle 3200/Network Infrastructure Installation					
<i>Comp. Rate: 1 @ \$774</i>		774			Fed/State/Other
Pinnacle 3416/Installation of 2 network ports at the Poultry					
<i>Comp. Rate: Network Infrastructure Installation @ \$144 average</i>		144			Fed/State/Other
Pinnacle 3416/Power Supply and MotherBoard replacement for					

# 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, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested Expenses FY Ending June 30, 2023	Fund Source
Comp. Rate: PC Repair @ \$102 average		102			Fed/State/Othe r
Pinnacle 3416/Replacement of MacBook Battery					
Comp. Rate: PC Repair @ \$99		99			Fed/State/Othe r
Pinnacle 3416/Replacement RAM Drive in Client's System &					
Comp. Rate: PC Repair @ \$19 average; Network Infrastructure Installation @ \$111 average		129			Fed/State/Othe r
Pinnacle 3602/Installation of Card Reader fir Classroom 15 in LWR					
Comp. Rate: 1 @ \$25		25			Fed/State/Othe r
Pinnacle 7783/Wifi Install @ North Farm Equip Shed					
Comp. Rate: \$1213 Each		1,213			Fed/State/Othe r
Poe Brothers Trucking Inc/Gravel					
Comp. Rate: 1 load of gravel @ \$737		737			Fed/State/Othe r
PRO Frontiers Media publication fee/Article Processing Fee					
Comp. Rate: 1 @ \$2950		2,950			Fed/State/Othe r
PROCARD - PoultryScienceAssocZhang/Registration for the					
Comp. Rate: Li Zhang's Conference Registration @ \$275		275			Fed/State/Othe r
PROCARD AHS Abstrast Fee/abstract fee					
Comp. Rate: 1 Abstract @ \$25		25			Fed/State/Othe r
PROCARD AMERICAN publication/Manuscript publication fee					
Comp. Rate: 1 @ \$1600		1,600			Fed/State/Othe r
PROCARD AMZN Prime-Dept/shipping subscription					
Comp. Rate: \$10/month average		119			Fed/State/Othe r
PROCARD APS abstract fee/Abstract Submission					
Comp. Rate: 1 @ \$55		55			Fed/State/Othe r
PROCARD APS abstract fee/Abstract Submission					
Comp. Rate: 1 @ \$55		55			Fed/State/Othe r
PROCARD ASHS abstract fee Xing/abstract submission fee					
Comp. Rate: 1 Submission @ \$40		40			Fed/State/Othe r
PROCARD ASPB journal charge/Online journal renewal fee					
Comp. Rate: 1 renewal fee		5			Fed/State/Othe r
PROCARD B2B Prime Membership-Split/amazon prime					
Comp. Rate: 1 @ \$125		125			Fed/State/Othe r
PROCARD BWI JACKSON 02/chemicals					
Comp. Rate: 10 bags of dry chemical @ \$18 average & 8 gallon chemical @ \$45 average & \$27 BWI charge		592			Fed/State/Othe r
PROCARD CADMIUMASAS21 - PUBLICATION/Dr Lemely					

# 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, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested Expenses FY Ending June 30, 2023	Fund Source
Comp. Rate: 1 publication @ \$40		40			Fed/State/Othe r
PROCARD CANADIAN SCIENCE PUBLI/page charges & Comp. Rate: 9 pages @ \$90 each & 1 translation expense @ \$50 & \$9 fee		869			Fed/State/Othe r
PROCARD COLE-PARMER/tariff surcharge Comp. Rate: 1 Tariff Surcharge @ \$2		2			Fed/State/Othe r
PROCARD COPYRIGHT CLEARANCE/Publication Comp. Rate: 1 @ \$520		520			Fed/State/Othe r
PROCARD DRI XLSTAT/Sensory Academic Annual License Comp. Rate: 1 @ 295		295			Fed/State/Othe r
PROCARD E FIRE INCORPORATED/Fire Extinguisher inpection Comp. Rate: 69 @ \$669		669			Fed/State/Othe r
PROCARD E FIRE INCORPORATED/Fire Extinguisher inpection Comp. Rate: 103 @ \$955 average		955			Fed/State/Othe r
PROCARD E FIRE INCORPORATED/Recharge - Hydro Test Comp. Rate: 3 @ \$48 average & 2 @ \$76		124			Fed/State/Othe r
PROCARD ENTOMOLOGIC publication/Manuscript submission Comp. Rate: 1 @ \$195		195			Fed/State/Othe r
PROCARD ENV SERVICES INC/certification of laminar flow Comp. Rate: 1 unit certified @ \$75 & 3 flow hoods tested @ \$145 each		510			Fed/State/Othe r
PROCARD Frontiers Media page chrgrs/article processing Comp. Rate: 1 publication @ \$2950 & \$30 charge		2,980			Fed/State/Othe r
PROCARD INTERNATIONAL TRANSACTION/International Fee Comp. Rate: 1 @ \$1 on average		1			Fed/State/Othe r
PROCARD INTERNATIONAL TRANSACTION/International Fee Comp. Rate: 1 @ \$30 on average		30			Fed/State/Othe r
PROCARD INTERNATIONAL TRANSACTION/International Comp. Rate: 1 @ \$40 average		40			Fed/State/Othe r
PROCARD MALONEY GLASS AND OVERHEA/Replaced door Comp. Rate: 1 @ \$2400		2,400			Fed/State/Othe r
PROCARD MAS Abstract Fee Walne/abstract fee Comp. Rate: 1 fee @ \$85		85			Fed/State/Othe r
PROCARD MDPI AG/manuscript page charges Comp. Rate: 1 @ \$1712		1,712			Fed/State/Othe r
PROCARD MDPI Li page charges/manuscript page charges					

## 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, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested Expenses FY Ending June 30, 2023	Fund Source
Comp. Rate: 1 @ \$987		987			Fed/State/Othe r
PROCARD MDPI page charges/article processing					
Comp. Rate: 1 publication @ \$1790 & \$18 charge		1,808			Fed/State/Othe r
PROCARD NEXAIR/Cylinder Maintenance					
Comp. Rate: Service @ \$377		377			Fed/State/Othe r
PROCARD PAYPALMSAcademy of Sci/Manuscript Submission					
Comp. Rate: 1 @ \$150		150			Fed/State/Othe r
PROCARD PEERJ PUBLISHING/article processing					
Comp. Rate: open access to 1 article @ \$1015		1,015			Fed/State/Othe r
PROCARD US POULTRY AND EGGMoon/Registration to					
Comp. Rate: Jonathan Moon's Conference Registration @ \$100		100			Fed/State/Othe r
PROCARD USPS PO 2786970879/PO box renewal					
Comp. Rate: 1 @ \$78		78			Fed/State/Othe r
PROCARD WPY E O publish article/Article Processing Fee					
Comp. Rate: 4 @ \$110/each		440			Fed/State/Othe r
Qualtrics Labs Inc/Research Service					
Comp. Rate: 1 @ \$5750 split 50/50		2,875			Fed/State/Othe r
Russell Jordan/Stump Grinding					
Comp. Rate: 35 stumps @ \$129 average		4,500			Fed/State/Othe r
Sams Club Membership-Split/Sams club membership					
Comp. Rate: 1 @ \$23		23			Fed/State/Othe r
Southern Air Balance LLC/Biosafety Cabinet Certification (Seafood					
Comp. Rate: 1 @ \$895		895			Fed/State/Othe r
Southern Fire-Extinguisher Cert/Annual fire extinguisher					
Comp. Rate: 10 @ \$8 (fire extinguisher annual certification); 3 @ \$25 (maintenance dry chemical fire extinguisher)		155			Fed/State/Othe r
SPAR 06182021/SPAR operational costs					
Comp. Rate: \$369 average per day for 45 days		16,587			Fed/State/Othe r
SUPER SONIC/explorer car wash/Car Wash					
Comp. Rate: 1 @ \$7		7			Fed/State/Othe r
SUPER SONIC/explorer car wash/Car Wash					
Comp. Rate: 1 @ \$7		7			Fed/State/Othe r
Teresa Shaw/Reimburse-Incident Report					
Comp. Rate: 1 @ \$25		25			Fed/State/Othe r
To be determined/					

# 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, 2021	(2) Estimated Expenses FY Ending June 30, 2022	(3) Requested Expenses FY Ending June 30, 2023	Fund Source
<i>Comp. Rate:</i>			205,000	230,000	
UWiscPress-PetroliaPageCharges/Submission fee					
<i>Comp. Rate: 1 @ \$100</i>		100			Fed/State/Other
W/T Chinese Society Agri 080720/article processing					
<i>Comp. Rate: 7 page article @ \$186 average/page</i>		1,300			Fed/State/Other
WILEY BOOK publication charges/Article Processing Fee					
<i>Comp. Rate: 1 @ \$2900</i>		2,900			Fed/State/Other
Wordvice -Manuscript Editing -A Kim/manuscript editing					
<i>Comp. Rate: 2127 words @ \$1/ 20 words</i>		106			Fed/State/Other
Zack Samuel Ivy/CDL driving test					
<i>Comp. Rate: 1 @ \$200</i>		200			Fed/State/Other
Zack Samuel Ivy/CDL License fee					
<i>Comp. Rate: 1 @ \$55</i>		55			Fed/State/Other
<b>Total XXX Other Fees &amp; Services</b>		<b>204,705</b>	<b>205,000</b>	<b>230,000</b>	
XXX Other Medical					
Other Medical/CDL License examination					
<i>Comp. Rate: 1 at 75.00</i>		75			
<b>Total XXX Other Medical</b>		<b>75</b>			
XXX Engineering					
To be determined/					
<i>Comp. Rate:</i>			1,500	1,500	
<b>Total XXX Engineering</b>			<b>1,500</b>	<b>1,500</b>	
<b>GRAND TOTAL</b>		<b>306,018</b>	<b>356,500</b>	<b>406,500</b>	

## 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?	FY2023 Req. Cost
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TOTAL VEHICLE REQUEST



**VEHICLE INVENTORY  
AS OF JUNE 30, 2021**

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 6-30-2021	Average Miles per Year	Replacement Proposed	
									FY2022	FY2023
W	FORD F150 1/2T TRUCK	1996	FORD F150 1/2T TRUCK	STEWART	Agriculture	S-16440	98,534	0	Y	
W	FORD F150 1/2T TRUCK	1997	FORD F150 1/2T TRUCK	WALLACE	Agriculture	G-03740	94,004	0	Y	
W	FORD 2T DUMP TRUCK	1967	FORD 2T DUMP TRUCK	BRYANT HOWARD	Agriculture	S-02947	97,831	499	Y	
W	FORD 2T DUMP TRUCK	1988	FORD 2T DUMP TRUCK	BRYANT HOWARD	Agriculture	S-10380	17,667	295	Y	
W	GMC 2T DUMP TRUCK	1989	GMC 2T DUMP TRUCK	SEAN HORTON	Agriculture	S-10997	30,841	682	Y	
W	FORD F350 1T TRUCK	1997	FORD F350 1T TRUCK	TIM SCHAUWECKER	Agriculture	G-02047	70,502	0	Y	
W	FORD F150 1/2T TRUCK	1997	FORD F150 1/2T TRUCK	KAUR	Agriculture	G-03497	86,013	2	Y	
W	GMC 1500 1/2T TRUCK	1995	GMC 1500 1/2T TRUCK	WARD	Agriculture	S-15462	91,160	0	Y	
W	CHEVY 1500 1/2T TRUCK	1995	CHEVY 1500 1/2T TRUCK	DEAN	Agriculture	S-15965	87,003	0	Y	
W	FORD F150 1/2T TRUCK	1998	FORD F150 1/2T TRUCK	SANDRA PHILLIPS	Agriculture	G-05338	83,067	184	Y	
W	FORD F150 1/2T 4WD TRUCK	1998	FORD F150 1/2T 4WD TRUCK	KENNETH GRAVES	Agriculture	G-05578	64,026	0	Y	
W	CHEVY 1500 1/2T 4WD TRUCK	1998	CHEVY 1500 1/2T 4WD TRUCK	Eric Hileman	Agriculture	G-07435	191,728	0	Y	
W	FORD F350 1T TRUCK	1999	FORD F350 1T TRUCK	JOHN UNDERWOOD	Agriculture	G-08551	192,662	0	Y	
W	FORD F350 1T TRUCK	1999	FORD F350 1T TRUCK	BLEDSON	Agriculture	G-10158	88,351	0	Y	
W	FORD F150 1/2T 4WD TRUCK	1999	FORD F150 1/2T 4WD TRUCK	RUTLAND	Agriculture	G-10622	115,734	6	Y	
W	CHEVY 1/2T 2DR TAHOE	1999	CHEVY 1/2T 2DR TAHOE	VARCO	Agriculture	G-10941	70,968	345	Y	
W	DODGE R1500 1/2T TRUCK	2001	DODGE R1500 1/2T TRUCK	EUGENE BLYTHE	Agriculture	G-14481	83,062	0	Y	
W	FORD 3/4T EXCURSION	2000	FORD 3/4T EXCURSION	CATCHOT	Agriculture	G-14480	168,863	508	Y	

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

**VEHICLE INVENTORY  
AS OF JUNE 30, 2021**

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 6-30-2021	Average Miles per Year	Replacement Proposed	
									FY2022	FY2023
W	DODGE R1500 1/2T TRUCK	2001	DODGE R1500 1/2T TRUCK	DANIEL RIVERA	Agriculture	G-14673	121,933	0	Y	
W	DODGE RAM 1500 1/2T TRUCK	2001	DODGE RAM 1500 1/2T TRUCK	John Clay Lyles	Agriculture	G-14699	95,083	0	Y	
W	CHEVY 3500 1T TRUCK	2000	CHEVY 3500 1T TRUCK	MADSEN	Agriculture	G-15111	164,605	0	Y	
W	DODGE RAM 1500 1/2T 2WD TRUCK	2001	DODGE RAM 1500 1/2T 2WD TRUCK	R. BAIRD	Agriculture	G-15041	135,361	409	Y	
W	DODGE RAM 2500 3/4T TRUCK	2001	DODGE RAM 2500 3/4T TRUCK	SCOTTY COFFMAN	Agriculture	G-15074	168,207	186	Y	
W	FORD F350 1T TRUCK	2000	FORD F350 1T TRUCK	TREVOR GARRETT	Cargo	G-15578	202,501	654	Y	
W	FORD F250 3/4T 4WD TRUCK	2001	FORD F250 3/4T 4WD TRUCK	BILLY RUTLAND	Agriculture	G-16569	86,970	851	Y	
W	INTL 4700 3T TRUCK	2001	INTL 4700 3T TRUCK	JAMES MCCLELLAND	Cargo	G-16362	137,414	0	Y	
W	FORD F250 3/4T TRUCK	2001	FORD F250 3/4T TRUCK	CHASTAIN	Agriculture	G-17611	100,583	0	Y	
W	FORD F350 1T 4WD TRUCK	2001	FORD F350 1T 4WD TRUCK	TSENG	Agriculture	G-25560	150,388	0	Y	
W	JEEP 1/2T CHEROKEE	2001	JEEP 1/2T CHEROKEE	HILL	Agriculture	G-19002	122,277	638	Y	
W	FORD F250 3/4T 4WD TRUCK	2002	FORD F250 3/4T 4WD TRUCK	ALEX THOMASSON	Agriculture	G-19968	113,704	0	Y	
W	FORD F250 3/4T TRUCK	2003	FORD F250 3/4T TRUCK	BELL	Agriculture	G-24363	83,179	0	Y	
W	FORD F250 3/4T TRUCK	2002	FORD F250 3/4T TRUCK	BISOONDAT MACOON	Agriculture	G-22488	108,575	0	Y	
W	GMC 1500 1/2T 4WD TRUCK	2003	GMC 1500 1/2T 4WD TRUCK	RUTLAND	Agriculture	G-27267	65,591	0	Y	
W	GMC 20T 18-WHEELER	1995	GMC 20T 18-WHEELER	Charles Smith	Cargo	G-27333	635,280	777	Y	
W	FORD F350 1T TRUCK	2004	FORD F350 1T TRUCK	BISOONDAT MACOON	Agriculture	G-28370	121,743	0	Y	
W	FORD F350 1T 4WD TRUCK	2004	FORD F350 1T 4WD TRUCK	HORTON	Agriculture	O-29367	120,219	0	Y	

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

**VEHICLE INVENTORY  
AS OF JUNE 30, 2021**

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 6-30-2021	Average Miles per Year	Replacement Proposed	
									FY2022	FY2023
W	FORD F350 1T 4WD TRUCK	2004	FORD F350 1T 4WD TRUCK	MACK FONDREN	Agriculture	G-34885	60,547	332	Y	
W	DODGE 1500 1/2T TRUCK	2004	DODGE 1500 1/2T TRUCK	SCOTT LANGLOIS	Agriculture	G-30672	123,505	0	Y	
W	DODGE RAM 1500 1/2T TRUCK	2004	DODGE RAM 1500 1/2T TRUCK	MIKE ELY	Agriculture	G-30478	173,541	0	Y	
W	FORD L9000 26T TRUCK	1988	FORD L9000 26T TRUCK	RUTLAND	Agriculture	G-33578	557,849	0	Y	
W	DODGE RAM 1500 1/2T TRUCK	2005	DODGE RAM 1500 1/2T TRUCK	DEAN	Agriculture	G-31483	125,724	793	Y	
W	GMC 1500 1/2T TRUCK	2005	GMC 1500 1/2T TRUCK	DAVID WISE	Agriculture	G-32136	110,201	6	Y	
W	DODGE RAM 2500 3/4T 4WD TRUCK	2005	DODGE RAM 2500 3/4T 4WD TRUCK	CHARLES WALKER	Agriculture	G-32385	73,142	0	Y	
W	GMC 1500 1/2T TRUCK	2005	GMC 1500 1/2T TRUCK	B. Rushing	Agriculture	G-32902	57,894	0	Y	
W	DODGE RAM 2500 3/4T 4WD TRUCK	2005	DODGE RAM 2500 3/4T 4WD TRUCK	BYRD	Agriculture	G-32760	203,283	825	Y	
W	DODGE RAM 3500 1T DUALY TRUCK	2005	DODGE RAM 3500 1T DUALY TRUCK	KEITH DANIELS	Agriculture	G-34144	155,635	903	Y	
W	DODGE RAM 1500 1/2T 4WD TRUCK	2005	DODGE RAM 1500 1/2T 4WD TRUCK	PIERILISI	Agriculture	G-33455	122,972	0	Y	
W	FORD F350 1T 4WD TRUCK	2006	FORD F350 1T 4WD TRUCK	BISOONDAT MACOON	Agriculture	G-34566	132,448	0	Y	
W	DODGE RAM 2500 3/4T 4WD TRUCK	2005	DODGE RAM 2500 3/4T 4WD TRUCK	EDDIE STEVENS	Agriculture	G-34025	74,645	0	Y	
W	FORD F450 1 1/2T TRUCK	2006	FORD F450 1 1/2T TRUCK	BRAD BURGESS	Cargo	G-34930	131,579	0	Y	
W	FORD F250 3/4T TRUCK	2006	FORD F250 3/4T TRUCK	KENNETH GRAVES	Cargo	G-35082	103,617	194	Y	
W	DODGE RAM 1500 1T 4WD TRUCK	2006	DODGE RAM 1500 1T 4WD TRUCK	LIBBY DURST	Agriculture	G-35079	116,104	0	Y	

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

**VEHICLE INVENTORY  
AS OF JUNE 30, 2021**

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 6-30-2021	Average Miles per Year	Replacement Proposed	
									FY2022	FY2023
W	GMC 1500 1/2T 4WD TRUCK	2006	GMC 1500 1/2T 4WD TRUCK	MACK FONDREN	Agriculture	G-36509	52,861	0	Y	
W	GMC 1500 1/2T 4WD TRUCK	2006	GMC 1500 1/2T 4WD TRUCK	RUTLAND	Agriculture	G-35867	92,221	0	Y	
W	GMC 1500 1/2T TRUCK	2006	GMC 1500 1/2T TRUCK	MUSSER	Agriculture	G-37051	131,344	0	Y	
W	FORD F250 3/4T TRUCK	2006	FORD F250 3/4T TRUCK	PIERALISI	Agriculture	G-37340	116,325	0	Y	
W	FORD F350 1T TRUCK	2006	FORD F350 1T TRUCK	BALDWIN	Agriculture	G-38009	104,205	0	Y	
W	FORD F250 3/4T TRUCK	2007	FORD F250 3/4T TRUCK	ALLEN	Agriculture	G-39489	58,480	793	Y	
W	MACK CH600 18-WHEELER	1992	MACK CH600 18-WHEELER	JOHN ESTES	Agriculture	G-40914	551,063	0	Y	
W	FORD F150 1/2T TRUCK	2007	FORD F150 1/2T TRUCK	CLAY CHERONI	Agriculture	G-41480	101,567	0	Y	
W	FORD F150 1/2T TRUCK	2007	FORD F150 1/2T TRUCK	EDDIE STEVENS	Agriculture	G-41479	92,284	0	Y	
W	FORD F150 1/2T TRUCK	2007	FORD F150 1/2T TRUCK	LOUIS SANTUCCI	Agriculture	G-41477	111,601	0	Y	
W	FORD F150 1/2T TRUCK	2007	FORD F150 1/2T TRUCK	BROWN	Agriculture	G-41476	113,155	740	Y	
W	FORD F150 1/2T TRUCK	2007	FORD F150 1/2T TRUCK	ELSIE DAVIS	Agriculture	G-41483	120,747	0	Y	
W	FORD F150 1/2T TRUCK	2007	FORD F150 1/2T TRUCK	SCOTT LANGLOIS	Agriculture	G-41475	104,854	847	Y	
W	FORD F150 1/2T TRUCK	2007	FORD F150 1/2T TRUCK	DEBLANC	Agriculture	G-41474	170,783	0	Y	
W	FORD F150 1/2T TRUCK	2007	FORD F150 1/2T TRUCK	HARKESS	Agriculture	G-41482	131,566	653	Y	
W	MACK CH 18-WHEELER	2007	MACK CH 18-WHEELER	JOHN ESTES	Agriculture	G-41473	170,993	0	Y	
W	FORD F150 1/2T TRUCK	2007	FORD F150 1/2T TRUCK	DR. BISOONDAT MACOON	Agriculture	G-41764	67,453	874	Y	
W	FORD F150 1/2T TRUCK	2007	FORD F150 1/2T TRUCK	WALLACE	Agriculture	G-41762	168,273	0	Y	
W	FORD F150 1/2T TRUCK	2007	FORD F150 1/2T TRUCK	SAMMY JONES	Agriculture	G-41765	108,534	0	Y	

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

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Vehicle Type	Vehicle Description	Model Year	Model	Person(s) Assigned To	Purpose/Use	Tag Number	Mileage on 6-30-2021	Average Miles per Year	Replacement Proposed	
									FY2022	FY2023
W	FORD F150 1/2T TRUCK	2007	FORD F150 1/2T TRUCK	Robby Bain	Agriculture	G-41766	83,831	0	Y	
P	FORD E150 1/2T VAN	2007	FORD E150 1/2T VAN	Sherry Surrette	Passenger	G-42857	89,081	0	Y	
W	FORD F250 3/4T TRUCK	2008	FORD F250 3/4T TRUCK	MELVIN GIPSON	Agriculture	G-43699	154,206	0	Y	
W	FORD F250 3/4T 4WD TRUCK	2008	FORD F250 3/4T 4WD TRUCK	BARARPOUR	Agriculture	G-44029	53,394	456	Y	
W	FORD F250 3/4T TRUCK	2008	FORD F250 3/4T TRUCK	CATCHOT	Agriculture	G-44396	124,589	0	Y	
W	FORD F250 3/4T TRUCK	2008	FORD F250 3/4T TRUCK	RANDY VAUGHAN	Agriculture	G-44395	120,264	0	Y	
W	FORD F250 3/4T TRUCK	2008	FORD F250 3/4T TRUCK	BARARPOUR	Agriculture	G-44393	66,856	0	Y	
W	FORD F250 3/4T TRUCK	2008	FORD F250 3/4T TRUCK	JOHN UNDERWOOD	Agriculture	G-44392	64,092	0	Y	
W	FORD F250 3/4T 4WD TRUCK	2008	FORD F250 3/4T 4WD TRUCK	BRYANT HOWARD	Agriculture	G-44397	139,768	0	Y	
W	FORD F250 3/4T 4WD TRUCK	2008	FORD F250 3/4T 4WD TRUCK	BISOONDAT MACOON	Agriculture	G-44398	156,665	0	Y	
W	FORD F250 3/4T 4WD TRUCK	2008	FORD F250 3/4T 4WD TRUCK	DEBLANC	Agriculture	G-44399	88,331	0	Y	
W	FORD F250 3/4T 4WD TRUCK	2008	FORD F250 3/4T 4WD TRUCK	B Rushing	Agriculture	G-44400	72,204	0	Y	
W	FORD F150 1/2T TRUCK	2008	FORD F150 1/2T TRUCK	Dhillon	Agriculture	G-44897	91,138	0	Y	
W	FORD F150 1/2T 4WD TRUCK	2008	FORD F150 1/2T 4WD TRUCK	Tyler Hill	Agriculture	G-46072	77,709	0	Y	
W	FORD F150 1/2T TRUCK	2008	FORD F150 1/2T TRUCK	TREVOR GARRETT	Agriculture	G-46582	147,659	0	Y	
W	FORD F150 1/2T TRUCK	2008	FORD F150 1/2T TRUCK	STEWART	Agriculture	G-46576	53,698	0	Y	
W	INTL 470 14T BOOM TRUCK	2000	INTL 470 14T BOOM TRUCK	RUTLAND	Agriculture	G-47220	31,256	0	Y	

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

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									FY2022	FY2023
W	FORD F150 1/2T 4WD TRUCK	2008	FORD F150 1/2T 4WD TRUCK	CALLIE MORRIS	Agriculture	G-47478	67,197	0	Y	
W	FORD F150 1/2T 4WD TRUCK	2008	FORD F150 1/2T 4WD TRUCK	ASHLEY GLENN	Agriculture	G-47357	101,082	0	Y	
W	FORD F150 1/2T 4WD TRUCK	2008	FORD F150 1/2T 4WD TRUCK	NICHOLS	Agriculture	G-48550	86,142	0	Y	
W	FORD F350 1T TRUCK	2008	FORD F350 1T TRUCK	HORTON	Agriculture	G-48551	42,188	0	Y	
W	FORD F350 1T TRUCK	2009	FORD F350 1T TRUCK	JAMES MCCLELLAND	Cargo	G-48714	23,756	0	Y	
W	FORD F250 3/4T TRUCK	2009	FORD F250 3/4T TRUCK	HORTON	Agriculture	G-48715	49,116	0	Y	
W	FORD F250 3/4T TRUCK	2009	FORD F250 3/4T TRUCK	RIGGINS	Agriculture	G-51028	79,310	0	Y	
W	FORD F250 3/4T TRUCK	2009	FORD F250 3/4T TRUCK	LANG	Agriculture	G-51188	23,202	286	Y	
W	FORD F250 3/4T TRUCK	2009	FORD F250 3/4T TRUCK	RUTLAND	Agriculture	G-51259	61,942	0	Y	
W	FORD F150 1/2T TRUCK	2009	FORD F150 1/2T TRUCK	DON COOK	Agriculture	G-51410	115,248	294	Y	
W	FORD F250 3/4T TRUCK	2009	FORD F250 3/4T TRUCK	SINGH	Agriculture	G-51008	82,751	0	Y	
W	FORD F150 1/2T TRUCK	2010	FORD F150 1/2T TRUCK	CROW	Agriculture	G-52970	67,024	472	Y	
W	FORD F150 1/2T TRUCK	2010	FORD F150 1/2T TRUCK	ALLEN	Agriculture	G-52971	39,385	0	Y	
W	FORD F150 1/2T TRUCK	2010	FORD F150 1/2T TRUCK	BARARPOUR	Agriculture	G-53339	76,432	874	Y	
W	FORD F150 1/2T 4WD TRUCK	2010	FORD F150 1/2T 4WD TRUCK	MUSSER	Agriculture	G-53687	115,103	0	Y	
W	FORD F350 1T TRUCK	2011	FORD F350 1T TRUCK	Jonathan Moon	Agriculture	G-54252	90,553	0	Y	
W	CHEV TAHOE 1/2T 2WD SUV	2010	CHEV TAHOE 1/2T 2WD SUV	Charles Smith	Agriculture	G-54660	138,796	0	Y	
W	FORD F150 1/2T XL 2WD TRUCK	2010	FORD F150 1/2T XL 2WD TRUCK	TOMASO-PETERSON	Agriculture	G-55095	24,636	297	Y	

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W	FORD F450 XL 1T TRUCK	2010	FORD F450 XL 1T TRUCK	DANIEL CHESSER	Agriculture	G-55138	76,037	0	Y	
W	FORD ESCAPE XLS 1/2T SUV	2011	FORD ESCAPE XLS 1/2T SUV	CAPRIO	Agriculture	G-55096	39,140	0	Y	
W	FORD F150 1/2T TRUCK	1997	FORD F150 1/2T TRUCK	KEITH DANIELS	Agriculture	G-02091	174,664	0	Y	
W	FORD F150 XL 1/2T 4WD TRUCK	2011	FORD F150 XL 1/2T 4WD TRUCK	PETER ALLEN	Research	G-56402	94,223	0	Y	
W	FORD F150 1/2T TRUCK	1997	FORD F150 1/2T TRUCK	KEITH DANIELS	Agriculture	G-02092	85,351	0	Y	
W	FORD F350 1T TRUCK	2011	FORD F350 1T TRUCK	REDONA SCOTTY	Research	G-58814	42,991	0	Y	
W	CHEVY 2500HD 3/4T TRUCK	2011	CHEVY 2500HD 3/4T TRUCK	BELL	Research	G-57073	36,736	0	Y	
W	DODGE RAM 1500 1/2T TRUCK	2011	DODGE RAM 1500 1/2T TRUCK	KEITH DANIELS	Agriculture	G-57752	43,604	0	Y	
W	CHEVY SILVERADO 1T TRUCK	2011	CHEVY SILVERADO 1T TRUCK	MARK SHANKLE	Agriculture	G-57074	64,817	0	Y	
W	FORD F150 1/2T TRUCK	2011	FORD F150 1/2T TRUCK	BELL	Research	G-57706	51,447	0	Y	
W	FORD F150 1/2T TRUCK	2011	FORD F150 1/2T TRUCK	SCOTTY COFFMAN	Agriculture	G-57728	105,982	0	Y	
W	FORD F150 1/2T TRUCK	2011	FORD F150 1/2T TRUCK	JAMES MCCLELLAND	Agriculture	G-57808	25,725	199	Y	
W	FORD F450 1 1/2T TRUCK	2011	FORD F450 1 1/2T TRUCK	BRAD BURGESS	Agriculture	G-58606	76,160	0	Y	
W	CHEVY SILVERADO 1/2T TRUCK	2003	CHEVY SILVERADO 1/2T TRUCK	Jonathan Moon	Agriculture	G-55043	26,938	0	Y	
W	PETERBILT 379 40T TRUCK	2005	PETERBILT 379 40T TRUCK	JANE PARISH	Agriculture	G-59324	22,862	0	Y	
W	CHEVY SILVERADO 3/4T TRUCK	2012	CHEVY SILVERADO 3/4T TRUCK	JEFF GORE/Boise Stokes	Agriculture	G-59243	32,860	0	Y	
W	SIERRA 2500 4X4	2012	SIERRA 2500 4X4	REYNOLDS	Agriculture	G-60070	70,449	0	Y	

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W	DODGE RAM 1500 1/2T 4WD TRUCK	2012	DODGE RAM 1500 1/2T 4WD TRUCK	JASON BOND	Research	G-61470	74,248	709	Y	
W	DODGE RAM 1500 1/2T 2WD TRUCK	2012	DODGE RAM 1500 1/2T 2WD TRUCK	KEITH DANIELS	Agriculture	G-60843	110,175	0	Y	
W	DODGE RAM 1500 1/2T 2WD TRUCK	2012	DODGE RAM 1500 1/2T 2WD TRUCK	KEITH DANIELS	Agriculture	G-60845	68,723	0	Y	
W	DODGE RAM 1500 1/2T 2WD TRUCK	2012	DODGE RAM 1500 1/2T 2WD TRUCK	CURTIS BISHOP	Agriculture	G-60844	61,924	0	Y	
W	CHEVY SILVERADO 2500 3/4T 4WD TRUCK	2012	CHEVY SILVERADO 2500 3/4T 4WD TRUCK	DON COOK	Research	G-61471	27,297	0	Y	
W	NISSAN XTERRA 4X4	2012	NISSAN XTERRA 4X4	BROWN	Research	G-60557	178,678	0	Y	
W	FORD F350 1T TRUCK	2012	FORD F350 1T TRUCK	TOM ALLEN	Agriculture	G-03753	45,041	0	Y	
W	FORD F800 8T TRUCK	1997	FORD F800 8T TRUCK	EDDIE STEVENS	Agriculture	G-62927	75,303	0	Y	
P	FORD F150 1/2T TRUCK	2013	FORD F150 1/2T TRUCK	SEAN HORTON	Passenger	G-63891	54,664	0	Y	
W	DODGE RAM 2500 3/4T TRUCK	2012	DODGE RAM 2500 3/4T TRUCK	Dhillon	Agriculture	G-63481	58,411	0	Y	
P	NISSAN FRONTIER SV 1/4T TRUCK	2013	NISSAN FRONTIER SV 1/4T TRUCK	VARCO	Passenger	G-64106	14,962	0	Y	
W	FORD 2T TRANSPORT TRUCK	1978	FORD 2T TRANSPORT TRUCK	DAVID WISE	Cargo	9999999	309,656	0	Y	
W	FORD F350 1T TRUCK	2014	FORD F350 1T TRUCK	BELL	Agriculture	G-67284	23,999	0	Y	
W	FORD F150 1/2T TRUCK	2014	FORD F150 1/2T TRUCK	BI	Agriculture	G-66383	35,259	0	Y	
W	CHEVROLET SILVERADO 1/2 T TRUCK	2014	CHEVROLET SILVERADO 1/2 T TRUCK	MICHAEL SMITH	Agriculture	G-66382	89,267	0	Y	
P	FORD EXPLORER SUV	2014	FORD EXPLORER SUV	ERICKA BAZZILL	Passenger	G-66161	57,918	0	Y	

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W	DODGE RAM 1500ST 1/2T TRUCK	2014	DODGE RAM 1500ST 1/2T TRUCK	KEITH DANIELS	Agriculture	G-66542	72,387	0	Y	
W	DODGE RAM 1500ST 1/2T TRUCK	2014	DODGE RAM 1500ST 1/2T TRUCK	KEITH DANIELS	Agriculture	G-66539	70,894	0	Y	
W	FORD F350 1T TRUCK	2014	FORD F350 1T TRUCK	BYRD	Agriculture	G-66815	116,494	0	Y	
P	FORD F250 3/4T 4WD TRUCK	1998	FORD F250 3/4T 4WD TRUCK	SCOTTY COFFMAN	Passenger	G-05657	177,368	0	Y	
W	DODGE TRUCK 1/2T RAM 1500	2014	DODGE TRUCK 1/2T RAM 1500	REDONA	Agriculture	G-68520	47,686	0	Y	
W	DODGE TRUCK 1/2T RAM 1500	2014	DODGE TRUCK 1/2T RAM 1500	REDONA	Agriculture	G-68519	59,783	0	Y	
W	DODGE TRUCK 1/2T RAM 1500	2014	DODGE TRUCK 1/2T RAM 1500	DAVID WISE	Agriculture	G-68478	40,240	0	Y	
W	DODGE TRUCK 1/2T RAM 1500	2014	DODGE TRUCK 1/2T RAM 1500	WISE	Agriculture	G-68518	55,260	0	Y	
W	CHEVY SILVERADO 1/2T TRUCK	2001	CHEVY SILVERADO 1/2T TRUCK	BRYANT HOWARD	Agriculture	G-68605	18,903	0	Y	
P	FORD F150 1/2T TRUCK	2014	FORD F150 1/2T TRUCK	LAICHE	Passenger	G-67278	80,310	0	Y	
W	FORD F250 3/4T TRUCK	2015	FORD F250 3/4T TRUCK	JIMMY PEEPLES	Agriculture	G-72148	14,085	0	Y	
W	FORD F250 3/4T TRUCK	2015	FORD F250 3/4T TRUCK	ROBERT DOBBS	Agriculture	G-67633	50,209	0	Y	
W	FORD F150 1/2T TRUCK	2015	FORD F150 1/2T TRUCK	MARK SHANKLE	Agriculture	G-67632	38,318	0	Y	
W	FORD F350 1T TRUCK	2014	FORD F350 1T TRUCK	DAVID WISE	Agriculture	G-70367	32,967	0	Y	
P	TRUCK NISSAN FRONTIER 1/4T	2014	TRUCK NISSAN FRONTIER 1/4T	MARK HARRISON	Passenger	G-67827	48,921	0	Y	
W	FORD F450 1/2T TRUCK	2015	FORD F450 1/2T TRUCK	RUTLAND	Agriculture	G-72152	24,712	0	Y	

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W	DODGE RAM 1500 TRUCK 1/2T	2014	DODGE RAM 1500 TRUCK 1/2T	JASON BOND	Agriculture	G-68316	57,335	886	Y	
W	DODGE RAM 1500 TRUCK 1/2T	2014	DODGE RAM 1500 TRUCK 1/2T	BELL	Agriculture	G-68417	62,012	0	Y	
W	DODGE RAM 2500 3/4T TRUCK	2015	DODGE RAM 2500 3/4T TRUCK	BOND	Agriculture	G-68753	22,745	0	Y	
W	FORD F350 1T 4WD TRUCK	2001	FORD F350 1T 4WD TRUCK	JOHN UNDERWOOD	Agriculture	G-16755	265,546	0	Y	
P	DODGE RAM 2500 3/4T TRUCK	2015	DODGE RAM 2500 3/4T TRUCK	KENNETH GRAVES	Passenger	G-69905	93,680	0	Y	
P	DODGE RAM 3500 1T TRUCK	2015	DODGE RAM 3500 1T TRUCK	ASHLEY GLENN	Passenger	G-69909	107,608	0	Y	
W	DODGE RAM 1500 1/2T TRUCK	2015	DODGE RAM 1500 1/2T TRUCK	BRIAN RUDE	Research	G-70153	20,081	0	Y	
W	DODGE RAM 4500 1T TRUCK	2015	DODGE RAM 4500 1T TRUCK	WISE	Agriculture	G-69904	14,090	620	Y	
W	CHEVY SILVERADO 3500 1T TRUCK	2015	CHEVY SILVERADO 3500 1T TRUCK	REYNOLDS	Agriculture	G-70133	39,699	0	Y	
W	TRUCK F-150 1/2T TRUCK	2015	TRUCK F-150 1/2T TRUCK	MARTIN	Agriculture	G-72156	73,185	465	Y	
W	DODGE RAM 1500 1/2T TRUCK	2015	DODGE RAM 1500 1/2T TRUCK	DANIEL RIVERA	Agriculture	G-70365	62,334	0	Y	
P	FORD F150 1/2TON PICKUP TRUCK	2015	FORD F150 1/2TON PICKUP TRUCK	DAVID WISE	Passenger	G-72157	14,048	0	Y	
W	JEEP GRAND CHEROKEE SUV 3.6L V6	2015	JEEP GRAND CHEROKEE SUV 3.6L V6	GORE	Agriculture	G-71745	117,493	0	Y	
W	FORD F-350 1T TRUCK	2016	FORD F-350 1T TRUCK	KEITH DANIELS	Agriculture	G-71699	50,830	0	Y	
W	FORD F250XL 3/4T TRUCK	2016	FORD F250XL 3/4T TRUCK	SEAN HORTON/Russell	Agriculture	G-71772	53,838	0	Y	

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W	FORD F350XL 1T TRUCK	2016	FORD F350XL 1T TRUCK	Charles Smith(pool)	Agriculture	G-71770	24,515	0	Y	
W	FORD F150 XL 1/2T TRUCK	2016	FORD F150 XL 1/2T TRUCK	PATTON	Agriculture	G-71771	42,768	0	Y	
W	FORD F150 XL 1/2T TRUCK	2016	FORD F150 XL 1/2T TRUCK	KEITH DANIELS	Agriculture	G-72353	67,304	0	Y	
P	FORD F250XL 3/4T 4WD TRUCK	2016	FORD F250XL 3/4T 4WD TRUCK	LIBBY DURST	Passenger	G-72894	33,788	0	Y	
W	FORD F 150 XL 1/2T TRUCK	2016	FORD F 150 XL 1/2T TRUCK	CLAY CHERONI	Agriculture	G-70383	32,698	0	Y	
W	FORD F-350 CREW CAB DRW 4X4 XL	2016	FORD F-350 CREW CAB DRW 4X4 XL	BISOONDAT MACOON	ADMINISTRATION	G-73764	57,054	0	Y	
W	FORD F150 1/2T TRUCK	2016	FORD F150 1/2T TRUCK	ERICKA BAZZILL	ADMINISTRATION	G-73515	35,053	0	Y	
W	FORD F-150 1/2T TRUCK	2016	FORD F-150 1/2T TRUCK	BROWN	ADMINISTRATION	G-73810	122,047	0	Y	
W	CHEVY SILVERADO 3500 1T TRUCK	2016	CHEVY SILVERADO 3500 1T TRUCK	BYRD	ADMINISTRATION	G-74780	64,739	0	Y	
W	FORD TRUCK F150 1/2T	2017	FORD TRUCK F150 1/2T	PATRICIA KNIGHT	ADMINISTRATION	G-75732	26,963	0	Y	
W	DODGE RAM 2500ST 3/4T PICKUP	2017	DODGE RAM 2500ST 3/4T PICKUP	BRAD BURGESS	Agriculture	G-76410	93,455	0	Y	
W	DODGE RAM 550 1/2T TRUCK	2017	DODGE RAM 550 1/2T TRUCK	BRAD BURGESS	ADMINISTRATION	G-76713	50,037	0	Y	
W	FORD F150 1/2T TRUCK	1998	FORD F150 1/2T TRUCK	SCOTT LANGLOIS	Agriculture	G-05656	134,713	0	Y	
W	INTERNATIONAL TRUCK	1990	INTERNATIONAL TRUCK	Zack Ivy	Agriculture	G-79592	194,710	144	Y	
W	INTERNATIONAL TRUCK	2001	INTERNATIONAL TRUCK	JUSTIN MCCOY	Agriculture	G-79593	76,517	0	Y	
W	FORD F150 XL 1/2T TRUCK	2018	FORD F150 XL 1/2T TRUCK	RIGGINS	Agriculture	G-79243	15,144	697		Y
W	DODGE RAM 2500 3/4T 4WD TRUCK	2001	DODGE RAM 2500 3/4T 4WD TRUCK	ROBERT DOBBS	Facilities Management	G-17655	104,597	76	Y	

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W	FORD F350 1T TRUCK	2018	FORD F350 1T TRUCK	DANIEL RIVERA	ADMINISTRATION	G-79927	18,829	0		Y
W	FORD F150 XL 1/2T TRUCK	2017	FORD F150 XL 1/2T TRUCK	REYNOLDS	Agriculture	G-79573	22,622	0	Y	
W	FORD F150 1/2T 4WD TRUCK	1996	FORD F150 1/2T 4WD TRUCK	SAMMY JONES	Agriculture	S-16270	180,030	642	Y	
W	DODGE RAM 2500 3/4T TRUCK	2018	DODGE RAM 2500 3/4T TRUCK	FERGUSON	ADMINISTRATION	G-81657	38,672	0		Y
W	DODGE RAM 3500 TRUCK 1T TRUCK	2019	DODGE RAM 3500 TRUCK 1T TRUCK	JEFFREY GORE	Research	G-82431	16,704	0		
W	DODGE RAM 3500 1T TRUCK	2018	DODGE RAM 3500 1T TRUCK	BRAD BURGESS	ADMINISTRATION	G-82637	13,812	0		Y
W	DODGE RAM 2500 3/4T TRUCK	2018	DODGE RAM 2500 3/4T TRUCK	MARK WOODREY	ADMINISTRATION	G-82696	11,784	0		Y
W	DODGE RAM 2500 3/4T TRUCK	2018	DODGE RAM 2500 3/4T TRUCK	MARK WOODREY	ADMINISTRATION	G-82697	7,293	0		Y
W	FORD F350 1T TRUCK	2019	FORD F350 1T TRUCK	WHITE	ADMINISTRATION	G-83270	16,714	0		
W	FORD F250 TRUCK PICKUP 3/4T	2019	FORD F250 TRUCK PICKUP 3/4T	LO	Research	G-84076	4,356	0		
W	DODGE RAM 1500 TRUCK CREW CAB	2019	DODGE RAM 1500 TRUCK CREW CAB	SINGH	ADMINISTRATION	G-84493	8,814	0		
W	DODGE RAM 1500 TRUCK CREW CAB	2019	DODGE RAM 1500 TRUCK CREW CAB	KAUR	ADMINISTRATION	G-84495	6,128	0		
W	DODGE RAM 1500 TRUCK CREW CAB	2019	DODGE RAM 1500 TRUCK CREW CAB	SMITH	ADMINISTRATION	G-84494	2,149	0		
W	DODGE RAM 1500ST PICKUP TRUCK	2019	DODGE RAM 1500ST PICKUP TRUCK	CASEY BARICKMAN	ADMINISTRATION	G-84830	4,727	404		
W	DODGE RAM 1500 CREW CAB TRUCK	2019	DODGE RAM 1500 CREW CAB TRUCK	COOK	Agriculture	G-85334	11,740	0		

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

**VEHICLE INVENTORY  
AS OF JUNE 30, 2021**

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 6-30-2021	Average Miles per Year	Replacement Proposed	
									FY2022	FY2023
W	DODGE RAM 1500 CREW CAB TRUCK	2019	DODGE RAM 1500 CREW CAB TRUCK	LI	Agriculture	G-85333	4,072	0		
W	DODGE RAM 1500ST PICKUP TRUCK	2019	DODGE RAM 1500ST PICKUP TRUCK	FERGUSON	Agriculture	G-84608	23,222	0		
W	DODGE RAM 1500 CREW CAB TRUCK	2019	DODGE RAM 1500 CREW CAB TRUCK	GARRETT STREET	ADMINISTRATION	G-85624	11,584	0		
W	FORD F250 CREW CAB 3/4T TRUCK	2019	FORD F250 CREW CAB 3/4T TRUCK	BALDWIN	ADMINISTRATION	G-84779	5,667	0		
W	DODGE RAM 1500ST CREW CAB TRUCK	2019	DODGE RAM 1500ST CREW CAB TRUCK	DANIEL CHESSER	ADMINISTRATION	G-85653	4,990	0		
P	NISSAN SENTRA S 4DR SEDAN	2019	NISSAN SENTRA S 4DR SEDAN	DEAN	ADMINISTRATION	G-85772	2,076	0		
W	DODGE RAM 1500 TRUCK CREW CAB	2019	DODGE RAM 1500 TRUCK CREW CAB	SAM CHANG	ADMINISTRATION	G-85489	6,160	0		
W	FORD F150 4X4 EXT CAB PICKUP	2014	FORD F150 4X4 EXT CAB PICKUP	THOMAS HORGAN	ADMINISTRATION	G-86719	184,760	0	Y	
W	FORD F250 CREW CAB 4X4 PICKUP	2020	FORD F250 CREW CAB 4X4 PICKUP	JUSTIN MCCOY	ADMINISTRATION	G-86041	10,013	0		
W	NISSAN FRONTIER SV CREW CAB PICKUP	2019	NISSAN FRONTIER SV CREW CAB PICKUP	MARK WOODREY	ADMINISTRATION	G-85378	8,494	0		
W	AMERICAN GENERAL TRUCK TRACTOR M9151A	1999	AMERICAN GENERAL TRUCK TRACTOR M9151A	TREVOR GARRETT	Agriculture	9999999	500	465	Y	
W	TOYOTA TACOMA 4WD PICKUP	2018	TOYOTA TACOMA 4WD PICKUP	RHONDA VANN	Agriculture	G-85488	26,526	0		Y
W	TRUCK FULLSIZE PICKUP	2020	TRUCK FULLSIZE PICKUP	MUSSER	Research	G-87380	969	957		

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

**VEHICLE INVENTORY  
AS OF JUNE 30, 2021**

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 6-30-2021	Average Miles per Year	Replacement Proposed	
									FY2022	FY2023
W	TRUCK, FULLSIZE PICKUP	2020	TRUCK, FULLSIZE PICKUP	CLAY CHERONI	Research	G-87161	3,538	0		
W	TRUCK, FULLSIZE PICKUP	2020	TRUCK, FULLSIZE PICKUP	COOK	Research	9999999	1,551	0		
W	TRUCK, FULLSIZE PICKUP	2020	TRUCK, FULLSIZE PICKUP	KELSEY SCHUBACH	Agriculture	G-87591	4,645	0		
W	CAT CT660 TANDEM STRAIGHT TRUCK	2014	CAT CT660 TANDEM STRAIGHT TRUCK	RUTLAND	ADMINISTRATION	9999999	552,728	0	Y	
W	CHEVROLET EXPRESS PASSENGER VAN	2019	CHEVROLET EXPRESS PASSENGER VAN	JANE PARISH	Research	G-88133	38,554	0		
W	MACK CH600 TRUCK	2003	MACK CH600 TRUCK	Zack Ivy	Research	9999999	854,945	27	Y	
W	DODGE RAM 2500 3/4T TRUCK	2021	DODGE RAM 2500 3/4T TRUCK	Zack Ivy	Agriculture	G-89101	2,679	0		
W	DODGE RAM 1500 CREW CAB 1/2T TRUCK	2021	DODGE RAM 1500 CREW CAB 1/2T TRUCK	GORE	ADMINISTRATION	9999999	14	0		
W	DODGE RAM 1500 1/2T TRUCK	2021	DODGE RAM 1500 1/2T TRUCK	JOVONN HILL	ADMINISTRATION	G-89644	2,578	0		

**VEHICLE POOL MEMBER LIST**  
**2023 BUDGET REQUEST**

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

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Name of Agency

**PRIORITY OF DECISION UNITS  
FISCAL YEAR 2023**

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

Name of Agency

Program	Decision Unit	Object	Amount
<b>Priority # 1</b>			
	Program # 1: Plant Systems		
	SREB: IHL Initiative to reach Median	Salaries	585,873
		<b>Totals</b>	585,873
		General Funds	585,873
	Brown Loam Branch Experiment Station Re-purposing	Salaries	66,240
		Travel	1,500
		Contractual	1,000
		Commodities	15,000
		<b>Totals</b>	83,740
		General Funds	83,740
	Critical Operating Support	Travel	825
		Contractual	218,785
		Commodities	154,293
		<b>Totals</b>	373,903
		General Funds	373,903
	Position Refocusing	Salaries	173,190
		Travel	2,000
		<b>Totals</b>	175,190
		General Funds	175,190
	Program # 2: Animal Systems		
	SREB: IHL Initiative to reach Median	Salaries	208,659
		<b>Totals</b>	208,659
		General Funds	208,659
	Brown Loam Branch Experiment Station Re-purposing	Salaries	66,240
		Travel	1,500
		Contractual	10,000
		Commodities	35,000
		<b>Totals</b>	112,740
		General Funds	112,740
	Coastal Seafood Initiative	Salaries	61,410
		Travel	1,500
		Contractual	30,000
		Commodities	20,000
		<b>Totals</b>	112,910



**PRIORITY OF DECISION UNITS  
FISCAL YEAR 2023**

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

Name of Agency

Program	Decision Unit	Object	Amount
		General Funds	112,910
	Critical Operating Support		
		Travel	123
		Contractual	38,534
		Commodities	22,964
		<b>Totals</b>	61,621
		General Funds	61,621
	Position Refocusing		
		Salaries	121,992
		Travel	1,500
		<b>Totals</b>	123,492
		General Funds	123,492
Program # 3: Health & Sustainable Communities			
	SREB: IHL Salary Initiative		
		Salaries	293,897
		<b>Totals</b>	293,897
		General Funds	293,897
	Coastal Seafood Initiative		
		Salaries	30,705
		Travel	500
		Contractual	5,000
		Commodities	10,000
		<b>Totals</b>	46,205
		General Funds	46,205
	Critical Operating Support		
		Travel	52
		Contractual	18,235
		Commodities	9,743
		<b>Totals</b>	28,030
		General Funds	28,030
	Position Refocusing		
		Salaries	72,864
		Travel	500
		<b>Totals</b>	73,364
		General Funds	73,364

## 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 6-30-21	Last Payment Date	Interest Rate	Amount of Each Payment			Total of Payments To Be Made					
						Actual FY 2021			Estimated FY 2022			Requested FY 2023		
						Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total

**Summary of 3% General Fund Program Reduction to FY 2022 Appropriated Funding by Major Object**

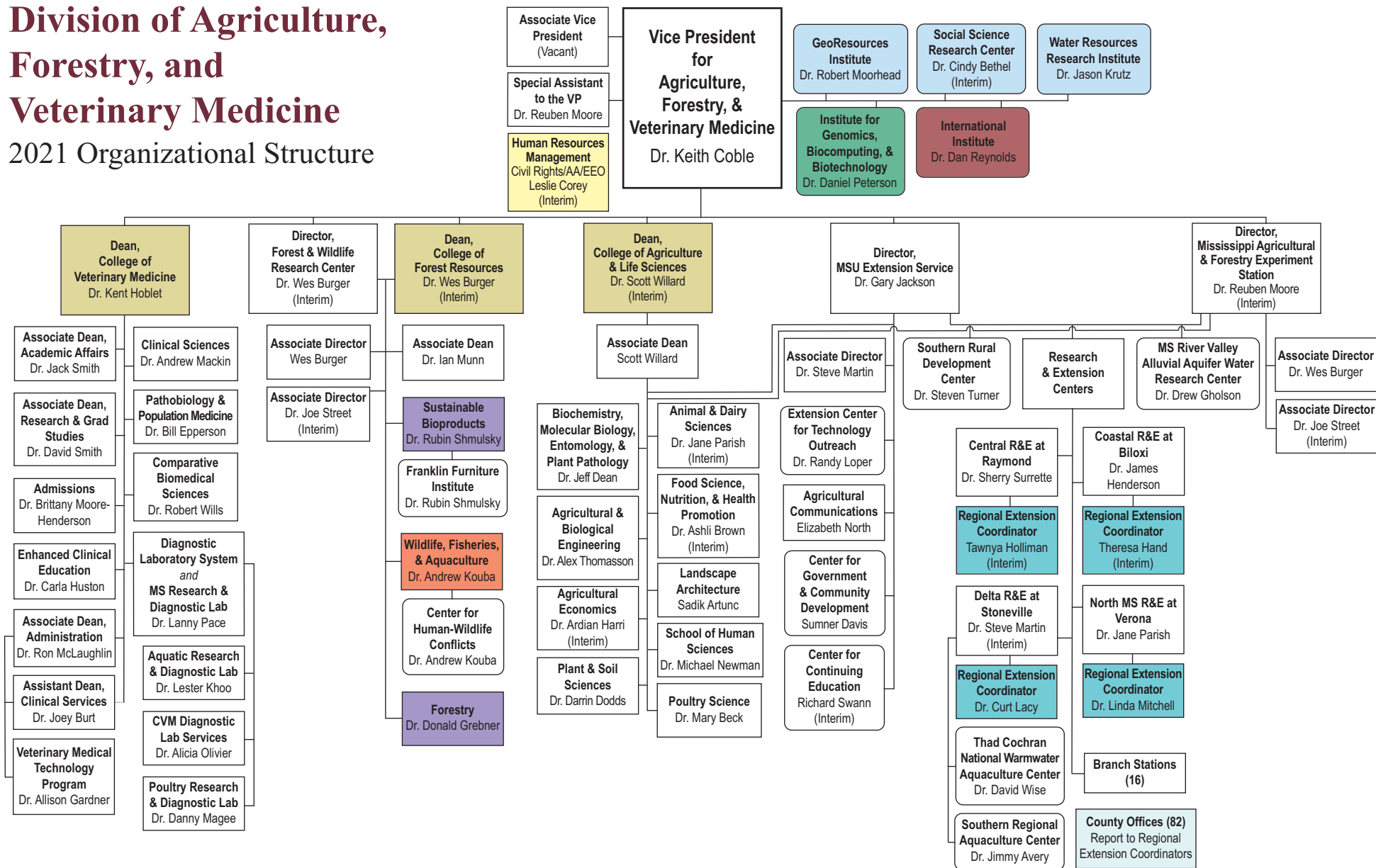
MS State Univ - Agricultural &amp; Forestry Experiment Station (422-00)

Name of Agency

<b>Major Object</b>	<b>FY2022 General Fund Reduction</b>	<b>EFFECT ON FY2022 STATE SUPPORT SPECIAL FUNDS</b>	<b>EFFECT ON FY2022 FEDERAL FUNDS</b>	<b>EFFECT ON FY2022 OTHER SPECIAL FUNDS</b>	<b>TOTAL 3% REDUCTIONS</b>
<b>SALARIES, WAGES, FRINGE</b>	(460,611)				(460,611)
<b>TRAVEL</b>	(6,656)				(6,656)
<b>CONTRACTUAL</b>	(129,278)				(129,278)
<b>COMMODITIES</b>	(55,366)				(55,366)
<b>OTHER THAN EQUIPMENT</b>					
<b>EQUIPMENT</b>	(317)				(317)
<b>VEHICLES</b>					
<b>WIRELESS COMM. DEVS.</b>					
<b>SUBSIDIES, LOANS, ETC</b>					
<b>TOTALS</b>	<b>(652,228)</b>				<b>(652,228)</b>

# Division of Agriculture, Forestry, and Veterinary Medicine

## 2021 Organizational Structure



Centers and Institutes

Reports jointly to the VP for Agriculture, Forestry, and Veterinary Medicine and the VP for Research and Economic Development

Reports jointly to the VP for Agriculture, Forestry, and Veterinary Medicine, the VP for Research and Economic Development, and the Provost and Executive VP

Reports jointly to the Dean of the College of Forest Resources and the FWRC and Extension Directors

Reports only to MSU Extension

Chief Human Resources Officer has University responsibility for equal employment, affirmative action, and civil rights compliance

Reports jointly to the VP for Agriculture, Forestry, and Veterinary Medicine, the Dean of the College of Veterinary Medicine, the Director of the Mississippi Agricultural and Forestry Experiment Station, and the VP for Research and Economic Development

Reports jointly to the VP for Agriculture, Forestry, and Veterinary Medicine and the Provost and Executive VP

Reports jointly to the Dean of the College of Forest Resources and the FWRC, Extension, and MAFES Directors

County offices report to MSU Extension Regional Coordinators by region

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-21		Estimated Expenses FY Ending 30-Jun-22		Required for FY Ending 30-Jun-23	
	FTE	Dollars	FTE	Dollars	FTE	Dollars
Current Positions:						
1100- Exec., Admin, & Managerial	1.62	324,050	1.19	256,911	1.19	256,911
1200- Faculty						
9 month	23.82	2,602,765	29.73	2,701,826	29.73	2,701,826
12 month	41.71	4,623,220	44.43	6,342,510	44.43	6,342,510
Total Faculty	65.53	7,225,986	74.16	9,044,336	74.16	9,044,336
1300- Professional Non- Faculty	67.39	3,589,139	64.18	3,577,039	64.18	3,577,039
1400-Technical & Paraprofessional	10.34	372,033	11.38	570,580	11.38	570,580
1500- Clerical &Secretarial	25.52	950,287	24.95	942,129	24.95	942,129
1600-Skilled Crafts	7.57	288,949	6.84	282,697	6.84	282,697
1700- Services/Maintenance	41.84	1,371,998	40.80	1,357,426	40.80	1,357,426
1800-Students	54.10	1,843,955	25.25	1,114,896	25.25	1,114,896
TOTAL	273.90	15,966,397	248.74	17,146,014	248.74	17,146,014
NEW POSITIONS REQUIRED FOR FY 2023:					FTE	Dollars
1100- Exec., Admin, & Managerial					0.00	-
1200- Faculty						
9 month					3.75	281,250
12 month					0.00	-
1300- Professional Non- Faculty					0.00	-
1400-Technical & Paraprofessional					1.50	52,500
1500- Clerical &Secretarial					0.70	21,700
1600-Skilled Crafts					0.00	-
1700- Services/Maintenance					0.00	-
1800-Students					2.00	74,000
TOTAL					7.95	429,450
PROMOTIONS, REALIGNMENTS, RECLASSIFICATIONS FOR FY 2022:						Dollars
1100- Exec., Admin, & Managerial						13,888
1200- Faculty						
9 month						146,049
12 month						342,855
1300- Professional Non- Faculty						193,362
1400-Technical & Paraprofessional						30,843
1500- Clerical &Secretarial						50,928
1600-Skilled Crafts						15,282
1700- Services/Maintenance						73,377
1800-Students						-
TOTAL						866,584
GRAND TOTAL Salaries & Wages	273.90	15,966,397	248.74	17,146,014	256.69	18,442,048

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-21	Estimated Expenses FY Ending 30-Jun-22	Required for FY Ending 30-Jun-23
Current Positions:			
3910- Employees' Retirement Matching	2,456,399	2,789,415	2,789,415
3920- FICA Matching	1,022,640	1,226,381	1,226,381
3930- Workers' Compensation	53,540	54,000	54,000
3940- Health Insurance Contribution	997,254	1,043,256	1,043,256
3950- Group Life Insurance	16,459	17,000	17,000
3960-Civil Service (Agricultural Units)	-	-	-
3970- Unemployment Tax	10,544	11,000	11,000
3980- Remission of Fees	300,340	271,768	271,768
TOTAL Fringe Benefits for Continuing Employee	4,857,175	5,412,820	5,412,820
ESTIMATED FRINGE BENEFITS REQUIRED FOR NEW POSITIONS FOR FY 2022:			
3910- Employees' Retirement Matching			82,724
3920- FICA Matching			36,606
3930- Workers' Compensation			2,000
3940- Health Insurance Contribution			37,111
3950- Group Life Insurance			750
3960-Civil Service (Agricultural Units)			-
3970- Unemployment Tax			1,000
3980- Remission of Fees			3,000
TOTAL Fringe Benefits for Continuing Employee			163,191
FRINGE BENEFITS FOR PROMOTIONS, REALIGNMENTS, RECLASSIFICATIONS FOR FY 2022:			
3910- Employees' Retirement Matching			153,551
3920- FICA Matching			66,294
3930- Workers' Compensation			2,000
3940- Health Insurance Contribution			-
3950- Group Life Insurance			-
3960-Civil Service (Agricultural Units)			-
3970- Unemployment Tax			-
3980- Remission of Fees			-
TOTAL Fringe Benefits for Promotions, etc.			221,845
GRAND TOTAL Fringe Benefits	4,857,175	5,412,820	5,797,856
SUBTOTAL SALARIES, WAGES, & FRINGE BENEFITS	20,823,571	22,558,834	24,239,904
LESS VACANCY RATE	NA	-	-
TOTAL SALARIES, WAGES, & FRINGE BENEFITS	20,823,571	22,558,834	24,239,904

And SB 2387, 2016 Legislative Session

Budget Year	FY 2021
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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	
BP Settlement Fund	
Gulf Coast Restoration Fund	
SSSF new 1	
SSSF new 2	
SSSF new 3	
SSSF new 4	
SSSF new 5	

Federal Funds	Amount Received	Action or results promised in order to receive funds
Hatch (Regular)	3,147,875	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 indisp
Hatch (Multistate)	733,147	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
Animal Health	63,961	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		

*Copy Entire Section to Add New Item*

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