

ANNUAL HARVEST SUMMARY REPORT

DEER MANAGEMENT ASSISTANCE PROGRAM

Sunflower WMA

2024-2025 Season



The goal for this club/cooperator based on the most recent Annual DMAP Application completed is as follows:

A description of this goal, as well as other deer herd management goals may be found in Section 8 of the Annual DMAP Application. To view your Annual DMAP Application contact your DMAP Biologist or visit <https://xnet2.mdwfp.com/NRIS/>.

DMAP VISION

To put the landowner/cooperator in a better position to manage their lands for a healthy deer herd, while maintaining habitat integrity.



DMAP REPORT

For more information, visit our website
www.mdwfp.com/dmap



DMAP Harvest Summary

Date: 08/21/2025

*** Sunflower WMA ***

Club ID: 7006

Season: 2024	Acres: 60000
Location: Sharkey County, MS	Years on DMAP: 29
Soil Region: Delta	Biologist: Taylor Gibson
	% Data Collected: 96

Table 1. Harvest Summary

	Number Harvested	Acres Per Deer Harvested
Bucks	96	625
Does	32	1875
Totals	128	469

Table 2. Harvest History

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	RG 2023	Club Avg
Acres	60000	60000	60000	60000	60000	60000	60000	60000	60000	60000	412736	60000
Total Deer	128	167	77	92	106	49	90	125	177	170	2157	118
Buck	96	106	45	50	72	39	75	118	127	82	778	81
Doe	32	61	32	42	34	10	15	7	50	88	1379	37
Acres/Deer	469	359	779	652	566	1224	667	480	339	353	191	508
Acres/Buck	625	566	1333	1200	833	1538	800	508	472	732	531	741
Acres/Doe	1875	984	1875	1429	1765	6000	4000	8571	1200	682	299	1617

Table 3. Age Distribution

	Bucks		Does		Management Bucks		Criteria Bucks	
Age	#	%	#	%	#	%	#	%
0.5	0	0	2	7	0	0	0	0
1.5	6	6	6	21	0	0	6	6
2.5	37	39	9	31	0	0	37	39
3.5	37	39	5	17	0	0	37	39
4.5	10	11	3	10	0	0	10	11
5.5	4	4	3	10	0	0	4	4
6.5	0	0	1	3	0	0	0	0
7.5	0	0	0	0	0	0	0	0
8.5	0	0	0	0	0	0	0	0

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Table 4. Statistics for Doe Harvest

Age	Number Harvested	Avg Live Weight	Percent Lactating
0.5	2	80	0
1.5	6	122	17
2.5	9	106	38
3.5	5	111	0
4.5	3	111	33
5.5	3	123	0
6.5	1	130	100
7.5	0	0	0
8.5	0	0	0
Totals	29	112	

Table 5. Doe Harvest History

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	RG 2023	Club Avg
Total Does	29	61	32	43	33	10	15	7	50	84	2012	36
Acres/Doe	2069	984	1875	1395	1818	6000	4000	8571	1200	714	205	1648
% Harvest By Age												
% 0.5	7	7	9	19	21	0	33	0	12	13	6	13
% 1.5	21	25	19	28	3	40	7	29	16	20	21	20
% 2.5	31	21	31	12	30	10	13	57	24	14	23	21
% 3.5+	41	48	41	42	45	50	47	14	48	52	48	46
Average Weight												
0.5	80	55	69	68	70	0	79	0	68	68	69	69
1.5	122	96	108	105	100	101	100	95	106	115	101	107
2.5	106	115	109	116	110	114	112	102	114	117	114	112
3.5+	116	118	121	120	130	114	109	115	121	124	121	112
% Lactation												
% 1.5	17	8	33	10	0	0	0	0	0	18	9	12
% 2.5	38	30	40	0	40	0	50	0	50	33	49	34
% 2.5+	26	30	48	36	38	17	56	20	44	25	58	34
% 3.5+	18	30	54	47	36	20	57	100	42	23	62	34

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Table 6. Statistics for Yearling Bucks

	Number	Percent	Avg. Live Weight	Average Points
Spikes	2	33	134	2
Forks	2	33	123	4
Totals	6			

Table 7. Buck Statistics

	Live Weight		Points		Base		Length		Spread	
Age	Number	Average	Number	Average	Number	Average	Number	Average	Number	Average
0.5	0	0	0	N/A	0	N/A	0	N/A	0	N/A
1.5	6	126	4	3.2	3	1.4	3	8.1	2	8.2
2.5	34	165	36	7.1	34	3.5	34	15.8	34	13.3
3.5	34	190	36	7.6	34	4.2	36	17.1	34	14.7
4.5	9	211	10	8.9	9	4.7	10	19.5	10	16.7
5.5	4	186	4	7.5	4	3.5	4	19.4	4	16.8
6.5	0	0	0	N/A	0	N/A	0	N/A	0	N/A
7.5	0	0	0	N/A	0	N/A	0	N/A	0	N/A
8.5	0	0	0	N/A	0	N/A	0	N/A	0	N/A

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Table 8. Buck Harvest History (All Bucks)

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	RG 2023	Club Avg
Bucks	94	106	45	50	73	38	75	116	121	76	1068	79
Acres/Buck	638	566	1333	1200	822	1579	800	517	496	789	387	756
% .5 Bucks	0	1	0	0	3	0	1	0	0	1	3	1
# .5 Bucks	0	1	0	0	2	0	1	0	0	1	27	5
Avg Weight	0	70	0	0	65	0	60	0	0	55	71	63
% 1.5 Bucks	6	7	4	6	0	5	11	14	8	14	8	8
# 1.5 Bucks	6	7	2	3	0	2	8	16	10	11	89	6.5
% Spikes	33	14	100	67	0	100	50	25	60	27	60	40
Avg Weight	126	102	118	112	0	98	127	129	134	137	114	125
Avg Points	3.25	3.5	2	2	0	2	3.5	4.44	2.8	4.09	2	3
Avg Base	1.4	1.8	1.4	1.3	0	1.0	2.9	2.6	2.5	2.5	2.0	2.4
Avg Length	8.1	6.0	5.2	5.4	0	1.6	7.2	8.4	6.9	8.5	5.3	7.4
Avg Spread	8.2	6.7	5.5	4.7	0	3.9	8.0	7.7	8.2	8.5	6.3	7.6
% 2.5 Bucks	39	20	29	6	5	13	19	28	17	11	15	20
# 2.5 Bucks	37	21	13	3	4	5	14	32	20	8	156	15.7
Avg Weight	165	170	168	181	214	170	169	169	164	155	172	168
Avg Points	7.08	7.75	7.46	7.5	8.5	6.2	7	7	6.85	5.88	7	7
Avg Base	3.4	3.6	3.5	3.5	4.3	3.4	3.3	3.7	4.6	3.3	3.6	3.7
Avg Length	15.8	17.2	16.0	15.1	18.8	15.2	15.5	16.2	15.6	15.6	16.4	16.1
Avg Spread	13.3	13.9	13.4	14.2	15.6	11.8	14.3	13.7	14.7	14.2	14.0	13.8
% 3.5 Bucks	39	42	31	42	45	45	44	42	25	18	28	37
# 3.5 Bucks	37	45	14	21	33	17	33	49	30	14	301	29.3
Avg Weight	190	185	183	199	184	174	188	184	176	162	190	184
Avg Points	7.61	7.73	8	8.1	7.94	7.06	8.28	7.94	7.6	6.93	8	8
Avg Base	4.1	3.8	3.7	3.8	4.1	4.0	4.0	4.2	3.8	3.4	4.1	3.9
Avg Length	17.1	17.5	18.3	18.0	18.4	15.9	17.8	18.9	17.1	16.5	18.6	17.7
Avg Spread	14.7	14.9	15.1	15.1	14.9	14.4	15.4	15.3	14.2	14.1	15.6	14.9
% 4.5 + Bucks	15	30	36	46	47	37	25	16	50	55	44	35
# 4.5 + Bucks	14	32	16	23	34	14	19	19	61	42	194	27.4
Avg Weight	204	192	205	208	197	197	204	205	188	181	202	195
Avg Points	8.5	8	8.4	8.42	8.06	7.92	8.26	8	8.05	7.95	8	8
Avg Base	4.4	4.2	4.2	4.5	4.2	3.9	4.5	4.9	4.7	4.8	4.6	4.6
Avg Length	19.5	18.7	19.8	20.1	18.1	18.7	19.8	20.8	18.8	17.8	20.7	18.9
Avg Spread	16.7	15.8	16.8	16.5	16.1	14.8	16.0	15.6	16.4	15.7	16.7	16.1

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Table 9. Criteria Buck Harvest History

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	RG 2023	Club Avg
Bucks	94	106	45	50	73	38	75	116	121	76	967	79
Acres/Buck	638	566	1333	1200	822	1579	800	517	496	789	427	756
% .5 Bucks	0	1	0	0	3	0	1	0	0	1	2	1
# .5 Bucks	0	1	0	0	2	0	1	0	0	1	23	5
Avg Weight	0	70	0	0	65	0	60	0	0	55	72	63
% 1.5 Bucks	6	7	4	6	0	5	11	14	8	14	6	8
# 1.5 Bucks	6	7	2	3	0	2	8	16	10	11	57	6.5
% Spikes	33	14	100	67	0	100	50	25	60	27	42	40
Avg Weight	126	102	118	112	0	98	127	129	134	137	112	125
Avg Points	3.25	3.5	2	2	0	2	3.5	4.44	2.8	4.09	2	3
Avg Base	1.4	1.8	1.4	1.3	0	1.0	2.9	2.6	2.5	2.5	2.0	2.4
Avg Length	8.1	6.0	5.2	5.4	0	1.6	7.2	8.4	6.9	8.5	6.5	7.4
Avg Spread	8.2	6.7	5.5	4.7	0	3.9	8.0	7.7	8.2	8.5	6.7	7.6
% 2.5 Bucks	39	20	29	6	5	13	19	28	17	11	15	20
# 2.5 Bucks	37	21	13	3	4	5	14	32	20	8	145	15.7
Avg Weight	165	170	168	181	214	170	169	169	164	155	173	168
Avg Points	7.08	7.75	7.46	7.5	8.5	6.2	7	7	6.85	5.88	7	7
Avg Base	3.4	3.6	3.5	3.5	4.3	3.4	3.3	3.7	4.6	3.3	3.6	3.7
Avg Length	15.8	17.2	16.0	15.1	18.8	15.2	15.5	16.2	15.6	15.6	16.5	16.1
Avg Spread	13.3	13.9	13.4	14.2	15.6	11.8	14.3	13.7	14.7	14.2	14.1	13.8
% 3.5 Bucks	39	42	31	42	45	45	44	42	25	18	28	37
# 3.5 Bucks	37	45	14	21	33	17	33	49	30	14	271	29.3
Avg Weight	190	185	183	199	184	174	188	184	176	162	191	184
Avg Points	7.61	7.73	8	8.1	7.94	7.06	8.28	7.94	7.6	6.93	8	8
Avg Base	4.1	3.8	3.7	3.8	4.1	4.0	4.0	4.2	3.8	3.4	4.1	3.9
Avg Length	17.1	17.5	18.3	18.0	18.4	15.9	17.8	18.9	17.1	16.5	18.8	17.7
Avg Spread	14.7	14.9	15.1	15.1	14.9	14.4	15.4	15.3	14.2	14.1	15.6	14.9
% 4.5 + Bucks	15	30	36	46	47	37	25	16	50	55	46	35
# 4.5 + Bucks	14	32	16	23	34	14	19	19	61	42	183	27.4
Avg Weight	204	192	205	208	197	197	204	205	188	181	202	195
Avg Points	8.5	8	8.4	8.42	8.06	7.92	8.26	8	8.05	7.95	8	8
Avg Base	4.4	4.2	4.2	4.5	4.2	3.9	4.5	4.9	4.7	4.8	4.6	4.6
Avg Length	19.5	18.7	19.8	20.1	18.1	18.7	19.8	20.8	18.8	17.8	20.7	18.9
Avg Spread	16.7	15.8	16.8	16.5	16.1	14.8	16.0	15.6	16.4	15.7	16.7	16.1

DMAP Harvest Summary

Date: 08/21/2025

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Club ID: 7006

Table 10. Management Buck Harvest History

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Description of the Data and Glossary of Terms

This report is based on data MDWFP receives from DMAP clubs. The club/cooperator information in the heading, including acres under management and soil region, is based on the Annual DMAP Application. Please contact your DMAP Biologist if any of the information in the heading is incorrect. The “% Data Collected” field is the percentage of deer reported on the DMAP datasheet for which jawbones were received. Harvest totals in Tables 1 and 2 are based on deer harvest reported on the DMAP datasheet (regardless of whether a jawbone was received). All other tables are based on submitted jawbones in adequate condition to age using the tooth wear and replacement technique. For all tables including Soil Region Average data, the regional data column is labeled “RG20xx.” For all tables, Criteria Buck and Management Buck are defined below. Buck designations are made by the DMAP Biologist. If no designations are made, all bucks are classified as Criteria. If you have questions about Management and Criteria bucks, please contact your DMAP Biologist.

Soil Region Average (e.g., Regional Average or RG20xx) – the average of all deer in a specified parameter (i.e., harvest total, lactation, weight, etc.) reported for the year in question is used as an indicator of overall deer herd health by comparing club averages to other DMAP clubs in the same soil region.

Criteria Buck or perhaps a “trophy buck” – a buck deemed to have antler characteristics that satisfy the club’s goals for antler quality. This determination is generally made by the DMAP biologist in collaboration with the DMAP club and considers buck age, antler characteristics, soil region averages, and the goals of the DMAP club.

Management Buck or perhaps a “cull buck” – a harvested buck deemed to have below average antler characteristics compared to other bucks in the same age class and soil region. As with Criteria bucks, this determination is generally made by the DMAP biologist in collaboration with the DMAP club.

Lactation Index – the percentage of does for which a DMAP club recorded “detecting lactation” on the datasheet. Where sample sizes are sufficient, this index is used to determine the number of adult does that successfully raised fawns and is used to help estimate fawn recruitment. These data may be highly variable based on the timing of doe harvest in the annual cycle, as well as how thoroughly club members check for lactation. Generally, a favorable lactation index would be 60% or greater for adult does. A low lactation index (with adequate sample size) may indicate poor habitat, overpopulation, or a significant predation influence. Doe harvest early in the season (Oct- Dec) is generally better in estimating fawn recruitment vs late season harvest (after does finish lactating). For this report, lactation index is adjusted to account for late-season harvest.

Dressed Weights - average weight to the nearest pound of a dressed animal. A dressed animal should have both the forward (heart and lungs and rear (intestines) viscera removed but not any part of the remaining carcass. Comparing club average body weights from year to year or to the coordinating soil region average can be an indicator of overall herd health. Typically, doe carcass condition is a more reliable indicator of herd health than that of bucks due to the drastic fluctuation of buck body weights during the rut. Significant annual changes in carcass condition may indicate changes in habitat, mast crop, herd density, disease influence, or even severe weather conditions.

Age Distribution of Harvest – an estimate of age structure of the population, though generally only the doe segment is assessed, as buck harvest is often biased. Balanced deer herds typically show some harvest across all age classes. However, an age structure with more older animals (>40% 3 years old or greater) may indicate a stockpile of older animals which could signal an overabundant deer herd. Age distribution data is generally best considered in context with other harvest data (i.e., lactation index, doe body weights), as well as observation data (i.e., adult sex ratio, fawn recruitment) and even camera survey data (i.e., deer density, buck age structure).

Fawn Recruitment – a measurement of the number of fawns per adult doe that survive to at least 4-6 months of age. Recruitment tends to improve with increased harvest due to freeing up available resources. Generally fawn recruitment is measured using hunter observation data or camera surveys.

Adult Sex Ratio – ratio of the total number of does to total number of bucks in a deer herd. Typically, adult sex ratio is measured using observation data or camera surveys. Deer are born at nearly a 1:1 ratio of does to bucks. Thus, adult sex ratios closer to 1:1 are ideal. In trophy management scenarios adult sex ratio may be skewed towards more bucks, but most deer herds range from 1.5:1 to 3:1.

Important DMAP Reminders for Each Season

- For more information, visit www.mdwfp.com/DMAP and check out the Deer Managers Toolkit.
- If club acreages are incorrect, they should be updated on your DMAP Application. Contact your DMAP Biologist for help updating your DMAP Application.
- Calibrate your body weight scale(s) each year, especially if your club has multiple scales.
- Don't forget to retrieve jawbones from taxidermy bucks. The mature bucks are the most important to have aged.
- Do your best to collect all data completely. Check udders thoroughly for lactation.
- Hunter observation data can provide useful information, especially in clubs with small harvest data sets. Ask your biologist about hunter observation books.