DMAP Harvest Summary

Date: 08/13/2025 *** Stoneville WMA *** Club ID: 7824

Season: 2024 Acres: 2664

Location: Washington County, MS

Soil Region: Delta

Biologist: Brad Holder

Years on DMAP: 29

% Data Collected: 89

Table 1. Harvest Summary

	Number Harvested	Acres Per Deer Harvested						
Bucks	10	266						
Does	18	148						
Totals	28	95						

Table 2. Harvest History

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	RG 2023	Club Avg
Acres	2664	2664	N/A	N/A	N/A	N/A	N/A	N/A	2500	2500	412736	2582
Total Deer	28	31	13	N/A	16	13	17	22	17	7	2157	41
Buck	10	13	5	N/A	9	10	8	7	8	4	778	18
Doe	18	18	8	N/A	7	3	9	15	9	3	1379	22
Acres/Deer	95	86	N/A	N/A	N/A	N/A	N/A	N/A	147	357	191	63
Acres/Buck	266	205	N/A	N/A	N/A	N/A	N/A	N/A	312	625	531	140
Acres/Doe	148	148	N/A	N/A	N/A	N/A	N/A	N/A	278	833	299	115

Table 3. Age Distribution

	Bu	cks	Does		Managem	ent Bucks	Criteria Bucks		
Age	#	%	#	%	#	%	#	%	
0.5	0	0	3	17	0	0	0	0	
1.5	0	0	6	33	0	0	0	0	
2.5	4	57	6	33	0	0	4	57	
3.5	3	43	3	17	0	0	3	43	
4.5	0	0	0	0	0	0	0	0	
5.5	0	0	0	0	0	0	0	0	
6.5	0	0	0	0	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	3	76	0
1.5	6	114	17
2.5	6	132	50
3.5	3	127	33
4.5	0	0	0
5.5	0	0	0
6.5	0	0	0
7.5	0	0	0
8.5	0	0	0
Totals	18	112	

Table 5. Doe Harvest History

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	RG 2023	Club Avg	
Total Does	18	17	8	0	7	3	9	15	9	3	2012	9	
Acres/Doe	148	157	N/A	N/A	N/A	N/A	N/A	N/A	278	833	205	116	
% Harvest By	% Harvest By Age												
% 0.5	17	12	0	0	29	0	33	47	0	0	6	19	
% 1.5	33	12	25	0	0	67	44	13	33	33	21	25	
% 2.5	33	47	12	0	14	0	11	33	22	33	23	28	
% 3.5+	17	29	62	0	57	33	11	7	44	33	48	28	
Average Weig	ht												
0.5	76	75	0	0	88	0	88	85	0	0	69	84	
1.5	114	100	135	0	0	125	108	130	104	90	101	113	
2.5	132	123	124	0	127	0	139	138	114	120	114	128	
3.5+	127	120	130	0	130	0	160	167	138	135	121	128	
% Lactation													
% 1.5	17	50	0	0	0	0	0	0	0	0	9	10	
% 2.5	50	17	100	0	0	0	100	40	50	0	49	39	
% 2.5+	44	11	40	0	0	0	50	33	67	0	58	32	
% 3.5+	33	0	25	0	0	0	0	0	75	0	62	24	

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Table 6. Statistics for Yearling Bucks

	Number	Percent	Avg. Live Weight	Average Points
Spikes	0	0	0	0
Forks	0	0	0	0
Totals	0			

Table 7. Buck Statistics

	Live V	Veight	Points		Ва	ise	Ler	ngth	Spread		
Age	Number	Average									
0.5	0	0	0	N/A	0	N/A	0	N/A	0	N/A	
1.5	0	0	0	N/A	0	N/A	0	N/A	0	N/A	
2.5	3	202	3	7.3	4	4.2	4	16.8	3	14.2	
3.5	3	208	3	8	3	5.3	3	20.7	3	17.2	
4.5	0	0	0	N/A	0	N/A	0	N/A	0	N/A	
5.5	0	0	0	N/A	0	N/A	0	N/A	0	N/A	
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	7	11	5	0	8	10	8	7	8	4	1068	7
Acres/Buck	381	242	N/A	N/A	N/A	N/A	N/A	N/A	312	625	387	152
% .5 Bucks	0	0	0	0	0	0	0	0	0	0	3	0
# .5 Bucks	0	0	0	0	0	0	0	0	0	0	27	0
Avg Weight	0	0	0	0	0	0	0	0	0	0	71	0
% 1.5 Bucks	0	27	40	0	12	10	0	43	0	25	8	16
# 1.5 Bucks	0	3	2	0	1	1	0	3	0	1	89	2.75
% Spikes	0	33	50	0	100	100	0	0	0	0	60	36
Avg Weight	0	157	120	0	140	145	0	155	0	148	114	146
Avg Points	0	4.33	3.5	0	2	2	0	6	0	6	2	4
Avg Base	0	2.8	2.2	0	0	2.0	0	1.7	0	3.2	2.0	2.4
Avg Length	0	10.5	12.1	0	0	10.0	0	13.8	0	12.8	5.3	11.9
Avg Spread	0	10.5	8.0	0	0	8.0	0	12.7	0	13.0	6.3	10.9
% 2.5 Bucks	57	55	20	0	38	20	62	14	62	75	15	44
# 2.5 Bucks	4	6	1	0	3	2	5	1	5	3	156	7.5
Avg Weight	202	181	210	0	159	152	168	200	171	182	172	177
Avg Points	7.33	8.17	13	0	7.67	7	7.6	8	7.8	7	7	8
Avg Base	4.9	3.6	0	0	3.3	3.1	3.0	0	3.8	3.8	3.6	3.6
Avg Length	16.8	16.2	0	0	15.9	14.7	17.8	12.6	18.2	17.6	16.4	16.7
Avg Spread	14.2	14.5	15.5	0	13.5	13.2	13.7	15.8	14.1	14.5	14.0	14.2
% 3.5 Bucks	43	18	20	0	38	50	38	43	12	0	28	31
# 3.5 Bucks	3	2	1	0	3	5	3	3	1	0	301	5.25
Avg Weight	208	205	205	0	176	175	197	212	191	0	190	194
Avg Points	8	9	10	0	8.33	6.6	9.33	9	8	0	8	9
Avg Base	5.3	4.5	4.0	0	3.6	3.3	4.1	2.9	3.8	0	4.1	3.9
Avg Length	20.7	19.4	18.6	0	17.4	16.5	20.5	18.5	19.0	0	18.6	18.6
Avg Spread	17.2	15.5	15.5	0	15.3	13.2	16.8	15.3	17.0	0	15.6	15.4
% 4.5 + Bucks	0	0	20	0	12	20	0	0	25	0	44	9
# 4.5 + Bucks	0	0	1	0	1	2	0	0	2	0	194	1.5
Avg Weight	0	0	180	0	170	196	0	0	216	0	202	196
Avg Points	0	0	6	0	7	10	0	0	8	0	8	8
Avg Base	0	0	1.5	0	3.0	3.9	0	0	4.4	0	4.6	4.6
Avg Length	0	0	19.0	0	16.8	20.7	0	0	21.2	0	20.7	19.9
Avg Spread	0	0	16.0	0	14.0	16.5	0	0	17.4	0	16.7	16.3

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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	7	11	5	0	8	10	8	7	8	4	967	7
Acres/Buck	381	242	N/A	N/A	N/A	N/A	N/A	N/A	312	625	427	152
% .5 Bucks	0	0	0	0	0	0	0	0	0	0	2	0
# .5 Bucks	0	0	0	0	0	0	0	0	0	0	23	0
Avg Weight	0	0	0	0	0	0	0	0	0	0	72	0
% 1.5 Bucks	0	27	40	0	12	10	0	43	0	25	6	16
# 1.5 Bucks	0	3	2	0	1	1	0	3	0	1	57	2.75
% Spikes	0	33	50	0	100	100	0	0	0	0	42	36
Avg Weight	0	157	120	0	140	145	0	155	0	148	112	146
Avg Points	0	4.33	3.5	0	2	2	0	6	0	6	2	4
Avg Base	0	2.8	2.2	0	0	2.0	0	1.7	0	3.2	2.0	2.4
Avg Length	0	10.5	12.1	0	0	10.0	0	13.8	0	12.8	6.5	11.9
Avg Spread	0	10.5	8.0	0	0	8.0	0	12.7	0	13.0	6.7	10.9
% 2.5 Bucks	57	55	20	0	38	20	62	14	62	75	15	44
# 2.5 Bucks	4	6	1	0	3	2	5	1	5	3	145	7.5
Avg Weight	202	181	210	0	159	152	168	200	171	182	173	177
Avg Points	7.33	8.17	13	0	7.67	7	7.6	8	7.8	7	7	8
Avg Base	4.9	3.6	0	0	3.3	3.1	3.0	0	3.8	3.8	3.6	3.6
Avg Length	16.8	16.2	0	0	15.9	14.7	17.8	12.6	18.2	17.6	16.5	16.7
Avg Spread	14.2	14.5	15.5	0	13.5	13.2	13.7	15.8	14.1	14.5	14.1	14.2
% 3.5 Bucks	43	18	20	0	38	50	38	43	12	0	28	31
# 3.5 Bucks	3	2	1	0	3	5	3	3	1	0	271	5.25
Avg Weight	208	205	205	0	176	175	197	212	191	0	191	194
Avg Points	8	9	10	0	8.33	6.6	9.33	9	8	0	8	9
Avg Base	5.3	4.5	4.0	0	3.6	3.3	4.1	2.9	3.8	0	4.1	3.9
Avg Length	20.7	19.4	18.6	0	17.4	16.5	20.5	18.5	19.0	0	18.8	18.6
Avg Spread	17.2	15.5	15.5	0	15.3	13.2	16.8	15.3	17.0	0	15.6	15.4
% 4.5 + Bucks	0	0	20	0	12	20	0	0	25	0	46	9
# 4.5 + Bucks	0	0	1	0	1	2	0	0	2	0	183	1.5
Avg Weight	0	0	180	0	170	196	0	0	216	0	202	196
Avg Points	0	0	6	0	7	10	0	0	8	0	8	8
Avg Base	0	0	1.5	0	3.0	3.9	0	0	4.4	0	4.6	4.6
Avg Length	0	0	19.0	0	16.8	20.7	0	0	21.2	0	20.7	19.9
Avg Spread	0	0	16.0	0	14.0	16.5	0	0	17.4	0	16.7	16.3

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.

<u>Soil Region Average</u> (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.

<u>Criteria Buck</u> 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.

<u>Lactation Index</u> – 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.

<u>Dressed Weights</u> - 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).

<u>Fawn Recruitment</u> – 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.

<u>Adult Sex Ratio</u> – 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.