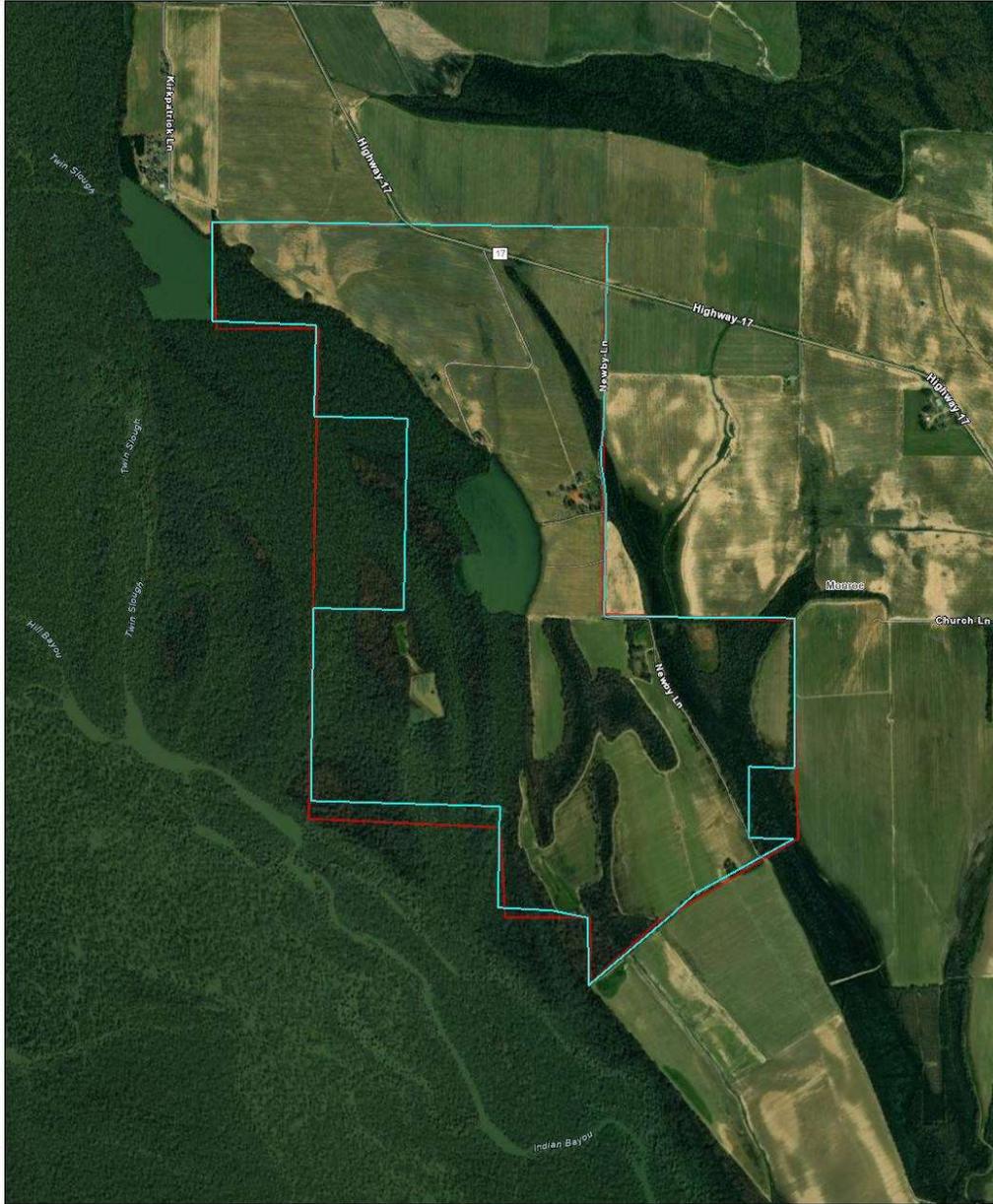




2024 ANNUAL CLUB REPORT

Simp Son's Farms - Monroe County - DMAP #5377 - 944 acres



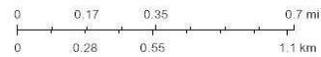
8/11/2023, 1:49:29 PM

DMAP_Clubs_Active_Status

Yes

Arkansas Counties

1:18,056



Esri Community Maps Contributors, Arkansas GIS Office, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Maxar

Arkansas Game and Fish Commission
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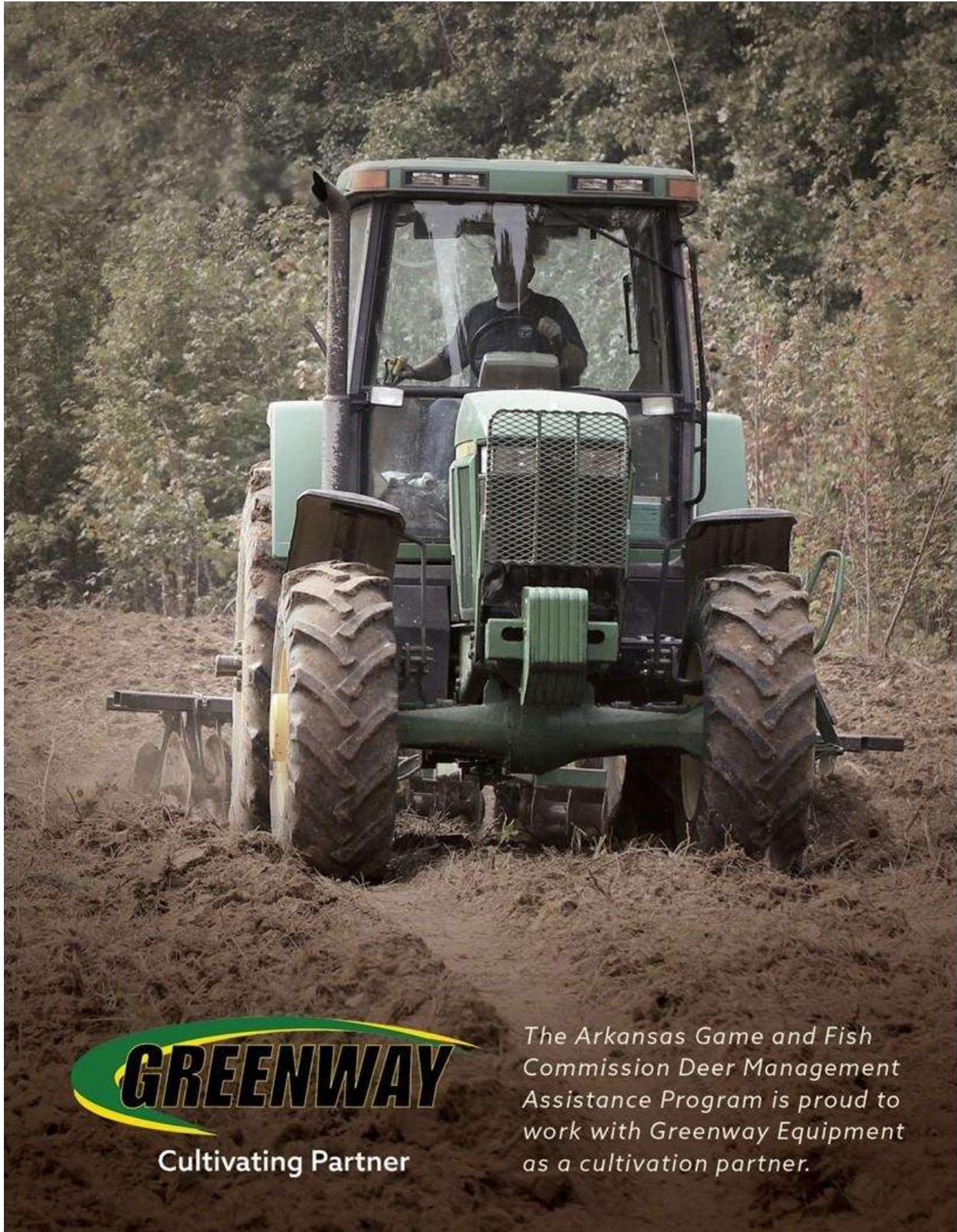


AGFC Deer Management
Assistance Program (DMAP)



Cultivating Partner

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Cultivating Partner

*The Arkansas Game and Fish
Commission Deer Management
Assistance Program is proud to
work with Greenway Equipment
as a cultivation partner.*

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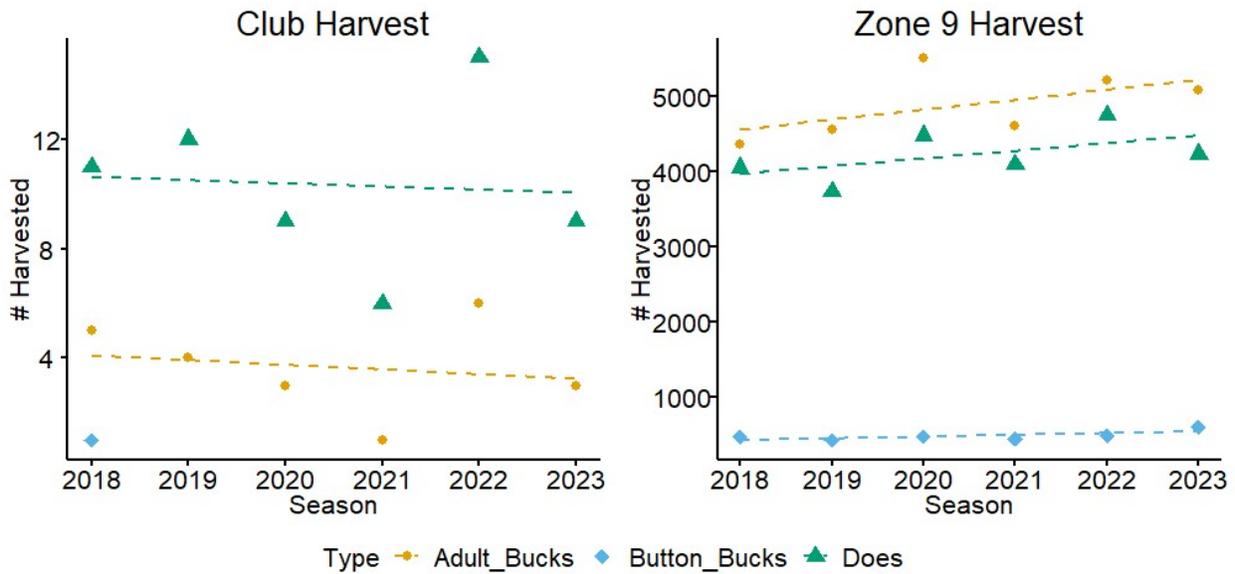


2024 ANNUAL CLUB REPORT

DMAP#: 5377 Club Name: Simp-Son's DMAP Level: 2
Acres: 1000 DMU: MAV Deer Zone: 9 County: Monroe

Section 1: 2023-2024 Harvest

| Age | # Bucks | # Does | # Unknown Sex |
|-------------|---------|--------|---------------|
| 0.5 | 0 | 2 | 0 |
| 1.5 | 0 | 1 | 0 |
| 2.5 | 1 | 1 | 0 |
| 3.5 | 2 | 2 | 0 |
| 4.5 | 0 | 1 | 0 |
| 5.5+ | 0 | 2 | 0 |
| Unknown Age | 0 | 0 | 0 |
| Total | 3 | 9 | |



Summary and Recommendations

Your club harvested **1 buck/333 acres** (includes all bucks harvested) and **1 doe/111 acres**. The figures above show the trends of harvest observed by your club in comparison to Zone 9.

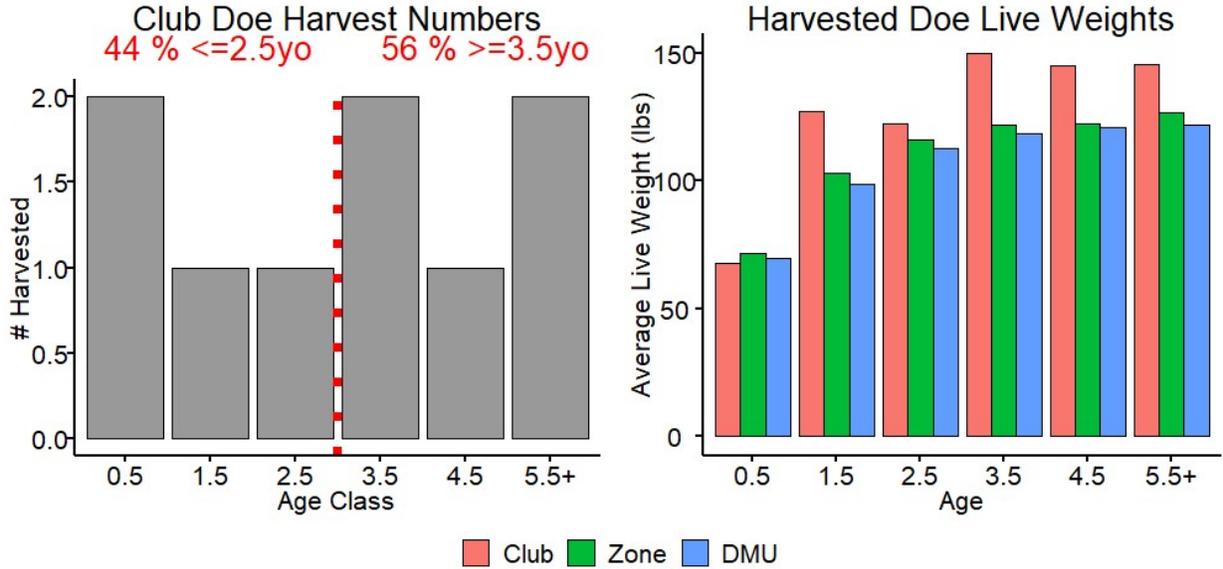
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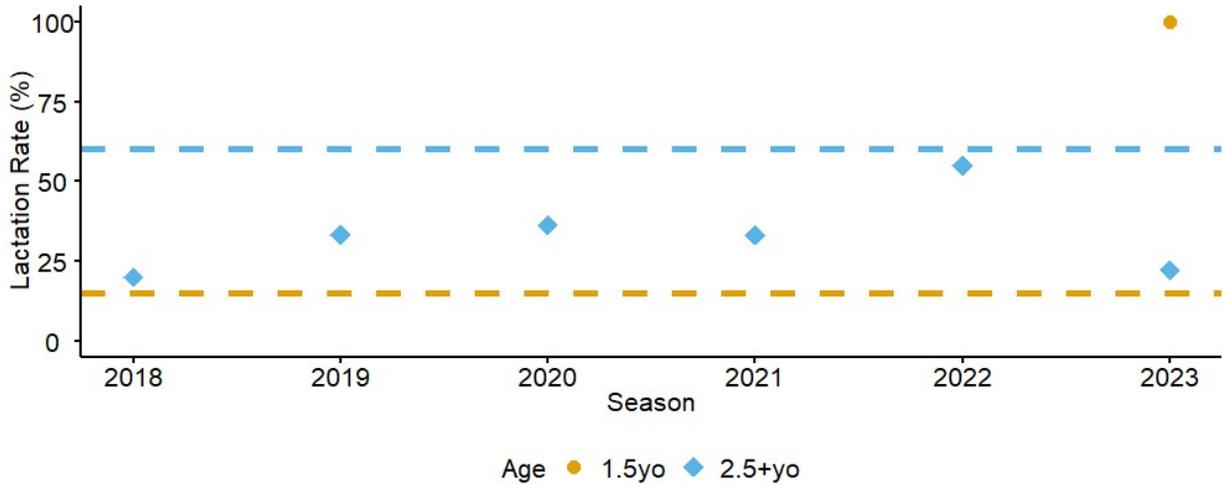


2024 ANNUAL CLUB REPORT

Section 2: Doe Harvest



Sept.-Nov. Club Lactation Rates
 Horizontal Lines = Target Rates



| | Sept.-Nov. Lactation Rate 1.5 yr old | Sept.-Nov. Lactation Rate 2.5+ yr old |
|-----------------------|---|--|
| Simp-Son's | 100 % | 40 % |
| Zone 9 | 21 % | 52 % |
| DMU MAV | 16 % | 58 % |
| Target Lactation Rate | 15-20% | >=60% |

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2024 ANNUAL CLUB REPORT

Summary and Recommendations

Managing the doe segment of the deer herd is just as important as managing the bucks. By managing does, the total population and population growth of the herd can be controlled which creates a healthier herd. This healthier herd is what will consistently allow the club to produce higher quality bucks and more productive does annually. There are three criteria we look at to assess the condition of the doe herd which also helps us to make recommendations for the upcoming season. These are doe harvest rate, lactation rate, and percent of does harvested that are 3.5 years of age and older. This past season your club was advised to harvest 9 - 13 does. Your club's total doe harvest was 9 does or 1 doe per 111 acres.

High lactation rates correlate to breeding success, which should in turn indicate good fawn recruitment if habitat and environmental conditions are favorable. Lactation rates for your club were 100% for 1.5 year old does ($n = 1$) and 40% for adult does ($2.5+$, $n = 6$). The lactation rate observed for the club this past season is above the MAV target levels.

Your data also shows that 56% of the does that your club harvested were 3.5 years old or older. A higher percentage ($\geq 45\%$) of 3.5+ year old does in the harvest usually represents a doe population with a low turn-over rate and skewed sex ratios. A low percentage ($\leq 35\%$) is an indication of over-harvest in the doe population. We typically like to see the percentage of harvested does 3.5+ year old between approximately 35-45%.

Doe biodata characteristics for your club appear to be above average for weights, above average for 1.5 year old doe lactation, below average lactation rate for adult does (≥ 2.5 years old) when compared to Deer Zone 9, and below average lactation rate for adult does when compared to the rest of the MAV.

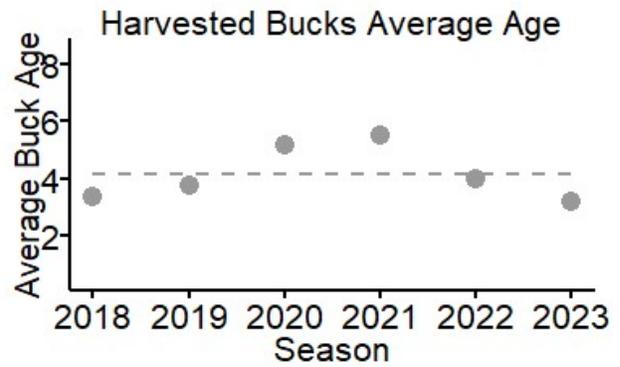
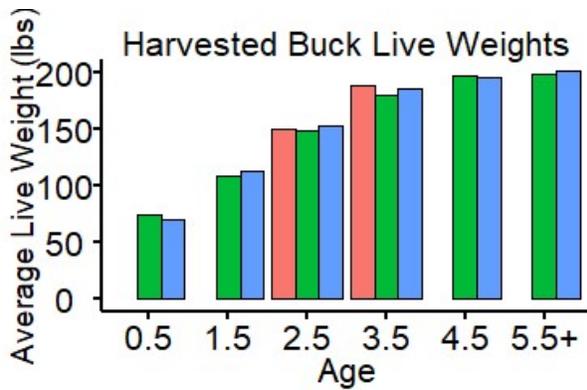
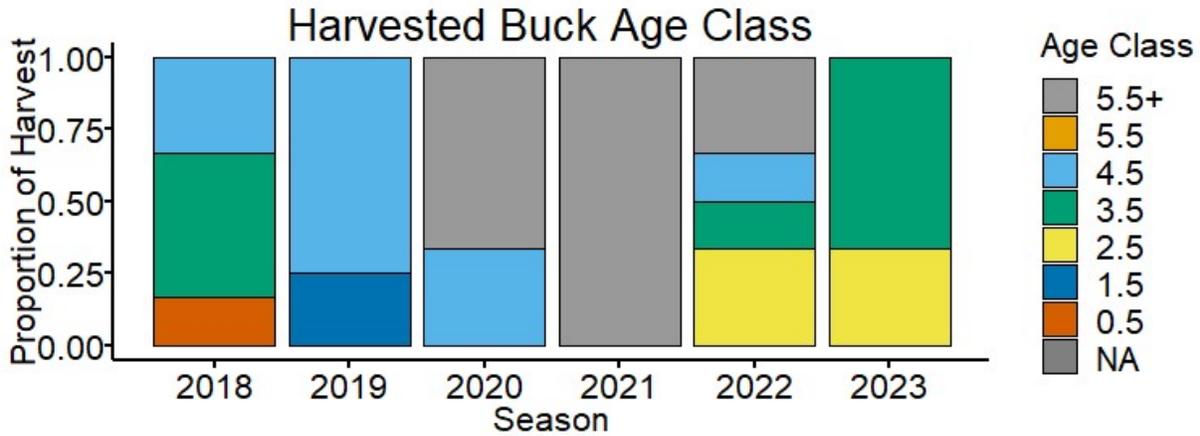
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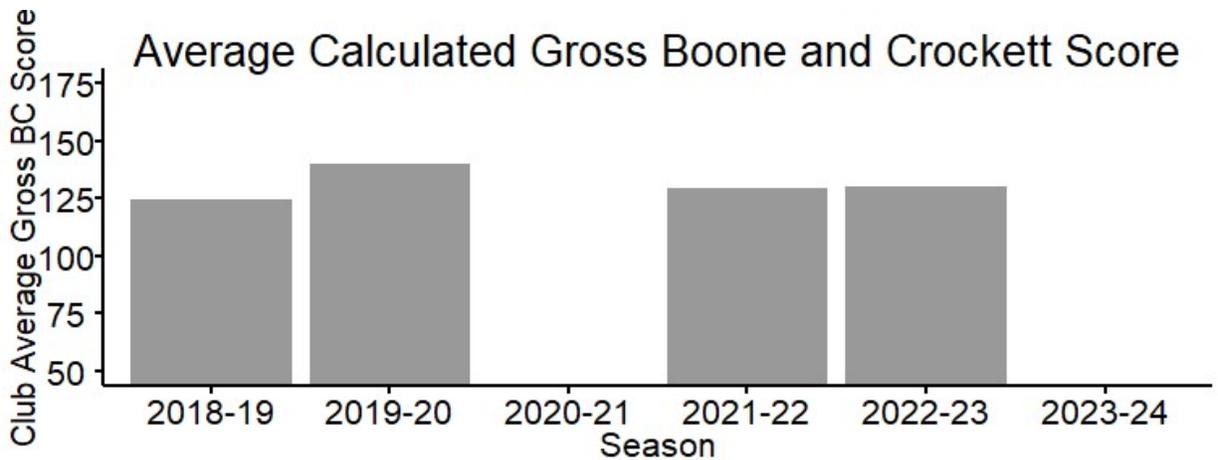


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Section 3: Buck Harvest



Club Zone DMU



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2024 ANNUAL CLUB REPORT

| -- | Age | AVG # Points | AVG Inside Spread | AVG Main Beam Length | AVG Main Beam Circum. | AVG Calc. Gross Boone and Crockett Score |
|-------------------|------|--------------|-------------------|----------------------|-----------------------|--|
| Simp-Son's | | | | | | |
| | 2.5 | 7 | 13 | NaN | NaN | NaN |
| | 3.5 | 9 | 17.5 | NaN | NaN | NaN |
| | 4.5 | NaN | NaN | NaN | NaN | NaN |
| | 5.5+ | NaN | NaN | NaN | NaN | NaN |
| Zone 9 | | | | | | |
| | 2.5 | 7.9 | 13.1 | 15.5 | 3.3 | 94.2 |
| | 3.5 | 8.8 | 15 | 18 | 4 | 113.7 |
| | 4.5 | 9.3 | 16.5 | 19.9 | 4.4 | 127 |
| | 5.5+ | 9.3 | 16.6 | 21.1 | 4.8 | 133.9 |
| DMU MAV | | | | | | |
| | 2.5 | 7.2 | 12.9 | 15.6 | 3.4 | 91.9 |
| | 3.5 | 8 | 15.1 | 18.9 | 4 | 113.8 |
| | 4.5 | 8.6 | 16.2 | 20.5 | 4.4 | 125.3 |
| | 5.5+ | 8.5 | 16.6 | 21.3 | 4.6 | 129.8 |

Summary and Recommendations

Simp-Son's participates as a level 2 club in the DMAP program. The goal of buck management in DMAP level 2 is harvesting bucks at 3.5+ years of age. This will allow for the bucks to reach at least 75% of their potential. The three main criteria we assess for the buck segment of the population at your club level are buck harvest rate, the percent of harvest bucks over 3.5+ years old, and average calculated gross Boone and Crockett (GBC) score trends.

A total of 3 bucks were recorded for this season or 1 buck per 333 acres, which was what was recommended. Your club harvested 67 % of bucks ≥ age 3.5. The target level for DMAP Level 2 clubs is > 75%. In order to continue providing good recruitment into older age classes, we recommend harvesting no more than 1 buck per 350 acres or continue focusing buck harvest in the 3.5+ age classes. Buck biodata characteristic averages for your club appear to be above average when compared to the rest of the MAV and Deer Zone 9.

We track the average calculated GBC scores over the years which should trend up as the club better manages its deer herd year after year. These scores are calculated using a scoring system developed by Mississippi State University (MSU) that estimates Boone and Crockett scores using the antler measurements collected on the DMAP data ledger. There are various factors that could potentially

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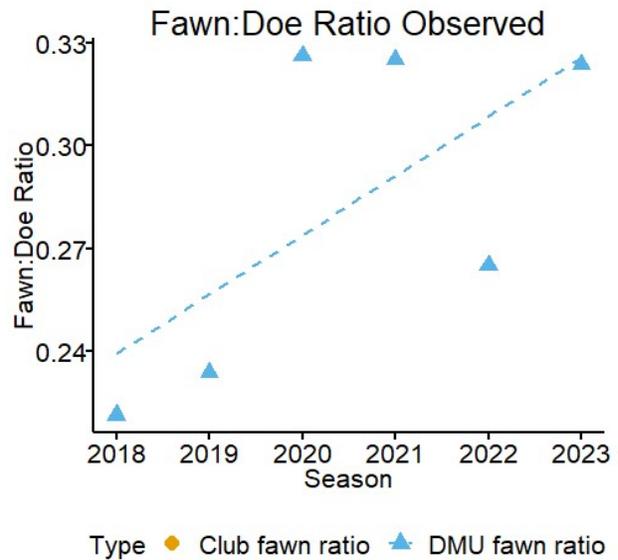
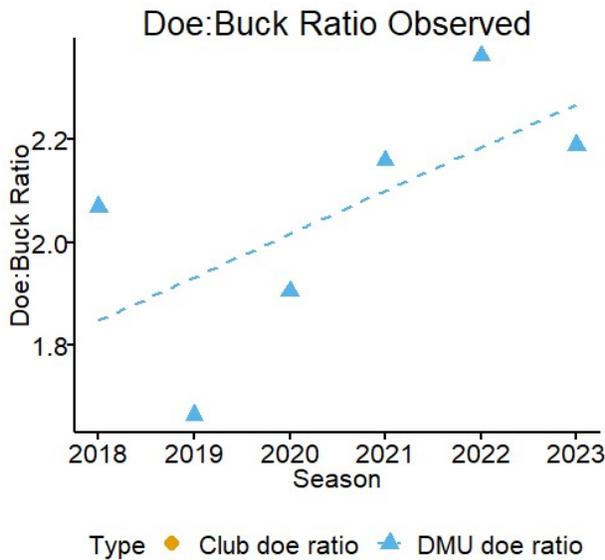
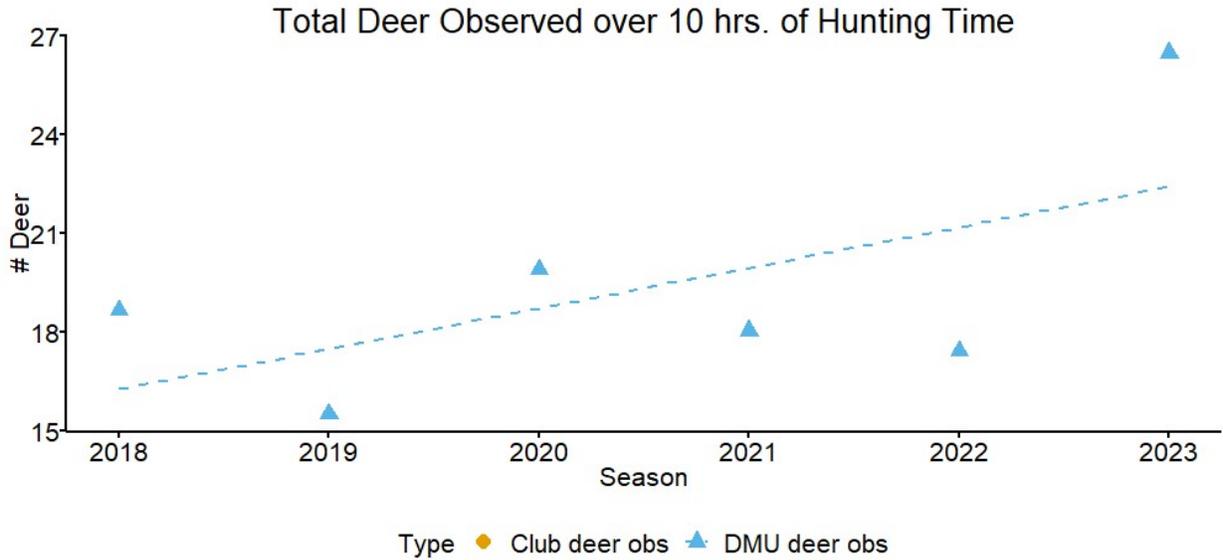




2024 ANNUAL CLUB REPORT

impact the calculated GBC score for bucks each year, but using the average GBC over time helps to assess progress. Your average calculated GBC scores has remained stable over the last 6 years. **Be sure to collect all antler measurements listed on the biodata ledger.**

Section 4: Observation Data



Summary and Recommendations

Your club did not collect any observation data this past season. I highly recommend that your club collect observation data while hunting this coming deer season. I have included a copy of this year's observation datasheet. I suggest making copies, distributing them to each of your members, collecting them at the end of season, and returning them to me along with your biodata ledger and deer

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AGFC Deer Management
Assistance Program (DMAP)



2024 ANNUAL CLUB REPORT

jawbones. Try to collect as many records as possible and encourage your hunters to accurately report their time spent hunting and their deer sightings while conducting those hunts. Observation data provides supporting evidence of herd balance, herd condition, and reproductive success by providing insight into relative abundance, doe:buck ratios, and fawn:doe ratios.

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2024 ANNUAL CLUB REPORT

Section 5: Management Plan for Upcoming Season

Goal

Quality deer management with a moderate level of buck harvest and a relatively higher harvest of does to encourage mature bucks

Objectives

- A. Buck:doe Ratio of 1:3 or better. This ratio must be derived from: 1) Hunter Observation Data, 2) Spotlight Counts, 3) Motion-detecting camera census, or a combination of all of these.
- B. Lactation rates should be 15-20% for 1.5 age class does and $\geq 60\%$ for 2.5+ age class does.
- C. Fawn:doe Ratio should be no less than 0.5 to assure adequate fawn recruitment. This information can be determined from the hunter observation data.
- D. Buck harvest will peak in the 3.5 age class.
- E. Allow bucks to reach 75-100% of their potential antler growth.

Strategies

- A. Quality bucks harvested should meet the antler criteria described in the tag issuance letter.
- B. Early season doe harvest will ensure the proper number of does can be harvested and reduces stress levels on bucks.
- C. The club may utilize doe tags included with their license or DMAP tags to harvest does on club property.
- D. Complete and accurate biological data collection on ALL harvested deer from the clubs property is required.
- E. Observation data collection is strongly encouraged to help provide data on buck:doe and fawn:doe ratios.
- F. Data ledgers and unused tags will be submitted by March 15th, 2025 to:

ATTN: Christin Moeller
1201 HWY 49 North
Brinkley, AR 72021

G. The club will be responsible for following all regulations set by the AGFC including guidelines set by DMAP. Failure to comply with all AGFC regulations and permit criteria will result in loss of privileges.

H. The DMAP tag issuance letter (Appendix 2) must be signed by the club representative and posted so that all members are fully aware of the details and guidelines of this plan.

Safety

During any firearms hunt for deer, hunters will be required to wear a hunter orange garment. The colored areas of the garment must total at least 400 square inches above the waist. In addition, a hunter orange head garment must be worn. While shooting does with weapons other than archery equipment outside the modern gun season, hunter orange must be worn at all times.

Zone Closures

DMAP tags may not be used when there has been a flood prone zone closure, deer zone closure, or any other AGFC deer season closure that occurs within the normal season framework.

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2024 ANNUAL CLUB REPORT

Harvest Recommendations

Below is our total harvest recommendations for Simp-Son's. These harvest recommendations should be met by a combination of regular hunting license deer tags and the authorized DMAP tags being issued to your camp.

A. We recommend harvesting 9-13 does total, which is 1 doe per 110-75 acres and then reassessing the need to harvest additional doe.

B. We recommend harvesting 3-6 bucks total, which is 1 buck per 300-150 acres and continue focusing buck harvest in the 3.5+ age classes. Please note the DMAP tags cannot be used on any antlered bucks harvested from your club's property. Therefore, all bucks harvested will require the use of the hunter's normal licensed deer tag.

DMAP Tags

Your camp will be issued a total of 15 DMAP tags for the 2024-25 deer season to help meet the harvest recommendations above. Please refer to the DMAP tag issuance letter (Appendix 2) for details on how those DMAP tags may be lawfully utilized.

Data Collection

A. The club's data recording appears to be acceptable. Measure all antler measurements to the nearest 1/8" and record them clearly on the data ledger. Please make sure to indicate if you have used your DMAP tag on the data ledger. This will help with properly identifying if a management buck tag was used (or not) and which tags were used on a particular deer that was harvested.

B. Remember that detecting lactation is often dependent on the timing of doe harvest. Presence of milk can be hard to determine after around November 15th if udders are not cut. To ensure accuracy of this data please cut into all udders and if any milk substance is present, the deer is considered lactating. Does harvested earlier in the season provide an easier and more reliable detection of milk.

C. Please ensure that all jawbones are pulled from all deer harvested and properly labeled with the jawbone tags provided. The age of the deer is the most critical piece of information that you are collecting. If we don't get the age of that deer then we have incomplete data. Incomplete data equal incomplete management.

Parting Thoughts

This year I will need you to deliver or send your club's deer jawbones, data ledger, and observation forms to the address above by March 15th, 2025. Although the jawbones and data can be submitted sooner if your club is done hunting for the year.

We appreciate the effort that your club has exhibited in regards to collecting biological data this past season. The interest that your club has in DMAP is what makes this program a success. Our goal is to help your club members maximize the effectiveness of quality deer management, ultimately leading to the consistent harvest of healthy animals and the experience of quality hunts. If your club would like a presentation of the enclosed summary or would like any clarification of the recommendations provided, please contact me as soon as possible in order to book a convenient date and time.

Lastly, we would like to encourage you to help out the Arkansas Hunters Feeding the Hungry (AHFH) Program by donating all or part of the venison from your legally harvested deer. You can find the most up to date list of participating meat processors at www.arkansashunters.org or contact Ronnie Ritter at 501-282-0006 for more details. Donating is simple, you can take your legally tagged, field-dressed deer

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2024 ANNUAL CLUB REPORT

to a participating meat processor to donate and AHFH will pay for processing the donated meat or you can contribute all or part of the cost. Your charitable donations are tax-deductible. Good luck during the upcoming season, and feel free to contact me if you have any questions.

Sincerely,

Christin Moeller

(501)414-5754

christin@deerassociation.com

Section 6: Chronic Wasting Disease (CWD) Management Information

| County | Deer Harvest | CWD Samples | CWD Positives | CWD Zone | CWD Tier |
|--------|--------------|-------------|---------------|----------|----------|
| Monroe | 1,507 | 20 | 0 | No | |

Chronic Wasting Disease has not been detected in your county by AGFC sampling protocols. Please review the AGFC’s informational booklet entitled ‘CWD: A Private Landowners Guide to White-tailed Deer Management’ for ways to help fight the spread of CWD in Arkansas.

The AGFC offers avenues for hunters to have deer or elk tested for CWD in every county and CWD testing is provided free of charge. The following table contains information on CWD testing drop off locations in the county your club is located in. For up-to-date information on CWD in Arkansas, more CWD sample submission options, and to view your CWD test results please visit: www.agfc.com/cwd.

| County | CWD Drop Off Location | Address | Times |
|--------|-------------------------------|--------------------------------------|----------|
| Monroe | AGFC Brinkley Regional Office | 1201 Hwy 49 North Brinkley, AR 72021 | 24 hours |

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2024 ANNUAL CLUB REPORT

Appendix 1: Club Data Collected

| Jawbone Number | Hunter Name | Harvest Date | Sex | Age | Live Wt | Lactation | Total Points | Inside Spread | Avg Beam Length | Avg Beam Circ. | Cal. BC Score |
|----------------|-----------------|--------------|-----|------|---------|-----------|--------------|---------------|-----------------|----------------|---------------|
| 1 | John Lawson | 2023-10-30 | F | 5.5+ | 136 | Y | | | | | |
| 2 | John Lawson | 2023-10-30 | F | 1.5 | 127 | Y | | | | | |
| 3 | Lee Smart | 2023-11-05 | F | 0.5 | 65 | N | | | | | |
| 4 | Hallie Lawson | 2023-11-05 | F | 2.5 | 122 | N | | | | | |
| 5 | John Lawson | 2023-11-11 | F | 5.5+ | 155 | Y | | | | | |
| 6 | Zack Taliaferro | 2023-11-11 | F | 4.5 | 145 | N | | | | | |
| 7 | Hallie Lawson | 2023-11-24 | F | 3.5 | 135 | N | | | | | |
| 8 | Michael Smith | 2023-11-25 | M | 2.5 | 150 | | 7 | 13.0 | | | |
| 9 | Jason Nickelson | 2023-12-02 | M | 3.5 | 185 | | 10 | 17.5 | | | |
| 10 | John Lawson | 2023-12-16 | F | 3.5 | 165 | Y | | | | | |
| 11 | Hallie Lawson | 2023-12-28 | F | 0.5 | 70 | N | | | | | |
| 12 | Hallie Lawson | 2023-12-28 | M | 3.5 | 190 | | 8 | 17.5 | | | |

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2024 ANNUAL CLUB REPORT

Appendix 2: DMAP Tag Issuance Letter for the 2024-2025 Deer Season

DMAP#: 5377 **Club Name:** Simp-Son's **DMAP Level:** 2
Acres: 1000 **DMU:** MAV **Deer Zone:** 9 **County:** Monroe

Harvest Recommendations

Does: 9-13 using a combination of the hunter's license deer tags and the unrestricted weapons DMAP tags issued to the club.

Unrestricted Weapons DMAP Tags Valid Dates: 9/28/2024-2/28/2025

Quality Bucks: 3-6 using the hunter's license deer tags only.

*All harvested bucks must be checked using a normal licensed deer tag

**DMAP tags are not allowed on bucks for your club

Buck Harvest Criteria

Quality Bucks: Should be ≥ 3.5 years old (preferably older); and bucks must meet two of the three criteria below:

- 1) Inside Spread ≥ 15 inches
- 2) Main Beam Length ≥ 18 inches
- 3) Beam Circumference ≥ 3.5 inches

Miscellaneous

All deer harvested must be checked by calling 833-289-2469, online at www.agfc.com, or on the AGFC mobile app. Complete and accurate biological data collection on ALL harvested deer from the club's property is required. Record lactation for all does harvested. Securely attach the jawbone tag to the deer's extracted jawbone with the zip-ties provided and ensure the jawbone number on the tag matches the jawbone number labeled on the biodata ledger. The biodata ledger along with this tag issuance letter must be openly displayed at the club's centralized location and readily accessible for any wildlife officer upon request.

Signature of Camp Designee and Date

Christin Moeller

Aug 27, 2024

Signature of DMAP Biologist and Date

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