

2024 UT BEEF & FORAGE CENTER

RESOURCE MANAGEMENT CALENDAR





The resources available in the calendar are combined as a systems approach that utilizes all resources available to optimize production and net income. This has been developed to assist you in formulating an overall management plan for your beef operation. Utilize the calendar to schedule various management practices and farm-related activities.

COORDINATING COMMITTEE

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INTRODUCTION

The following instructions will guide you through the process of customizing your Beef Integrated Resource Management Calendar. The University of Tennessee Extension publications referred to in this calendar are available at your local county UT Extension office and UTBEEF.COM.

KEYS TO MAXIMUM BENEFIT

Having a planned breeding/calving season and the availability of handling or working facilities are very important to getting the most from the Beef IRM Calendar. Neither is essential for using the calendar. Both a planned breeding/calving season and handling facilities would be good goals if they are lacking on your farm.

RECORD KEEPING FOR PROCESS VERIFICATION PROGRAM

To participate in Process Verification marketing programs, records must be maintained that show the birth dates of the first and last calf born in a calving group. Using the calendar to write the identification number of these calves on the appropriate date on the calendar should serve as the official record for the program. Although not required, it is recommended that the birth date and other appropriate information for each calf be kept on the record sheets in the back of this calendar.

SETTING GOALS AND FINDING LIMITING FACTORS

Although not necessary for customizing your Beef IRM Calendar, spending some time on the following will help to develop a stronger farm plan. As a result, the planning done on this calendar will be more focused on the specific areas that most need improvement.

- Set personal and business goals.
- Determine limitations to meeting your goals and getting the maximum benefit from your beef/forage operation. The following are some, but not all, areas to consider:
 - **Cattle limitations:** herd health, genetic potentials, nutritional status, reproductive status and marketing.
 - **Forage limitations:** soil type, fertility, land use, forage resources, hay quality, grazing system and match of forage resources to monthly animal needs.
 - **Financial and management limitations:** available credit, knowledge of financial position and management skills.

Cover Photo



Kim Koon
Cannon Co.



The Tennessee Master Beef Producer Program is designed to provide targeted educational presentations and hands-on demonstrations for a broad scope of topic areas in beef cattle production. Its objective is to provide Tennessee cattle producers with information and experience that can improve profitability while simultaneously making more efficient and sustainable use of natural resources.

UT Extension specialists in beef and forage production are currently working with the U.S. Roundtable for Sustainable Beef to help cattle producers evaluate how their current management practices impact their ability to continue profitable cattle farming for future generations. The goal of this partnership is to ensure that cow-calf producers have a voice in describing sustainability and are prepared for a beef market that rewards sustainably produced calves.

The Master Beef Producer Program provides training in the areas that need additional attention to improve economic, generational and natural resource sustainability.

Topics include beef product, economics and budgeting, facilities and cattle handling, forages, genetic selection, health, marketing and business management, nutrition, and reproduction. Benefits include networking opportunities with other producers, educators, researchers and industry representatives. The Tennessee Department of Agriculture supports the Master Beef Producer Program and uses it as the educational component of their Tennessee Agriculture Enhancement Cost-share Program. Upon completing the program requirements, graduates receive a farm sign, cap and certificate.

This county-based program is delivered by UT Extension agriculture and natural resources agents and is tailored to the specific needs of local environments within the state. Please contact your local UT Extension office for more information.

THE BULL DEVELOPMENT AND EVALUATION PROGRAM

The University of Tennessee Bull Development and Evaluation Program utilizes the Bull Test Station located at the Middle Tennessee AgResearch and Education Center in cooperation with UT Extension and TSU Cooperative Extension. Data on individual bulls will be available prior to the sale, and prospective buyers may view bulls at the annual Open House, as well as on a video that will be made available across the state during the sale so that prospective buyers need not travel to the Bull Test Station for the actual sale.

The purpose of the Bull Development and Evaluation Program is to provide a standard, impartial post-weaning gain test that will furnish records useful to the consignor in his or her breeding program, provide a source of and market for completely performance tested bulls, and serve as an educational tool to beef cattle improvement and promotion.

Contact: Kevin Thompson, Director, Middle Tennessee AgResearch and Education Center at Spring Hill, 931-486-2129, kthomp44@tennessee.edu

Contact: Troy Rowan, Assistant Professor-Beef Cattle Genomics, Department of Animal Science, 865-974-3190, trowan@utk.edu



The purpose of the Tennessee Beef Heifer Development Program is to incentivize the repopulation of the beef herd through custom heifer development. This will be accomplished through the implementation of management practices with access to more productive replacement females, allowing for a more rapid expansion of Tennessee's beef herd. This strategy will improve the longevity of these females, decreasing turnover and providing for exponential improvement in genetics and associated revenue generation. The program — a partnership of the University of Tennessee Institute of Agriculture, the Tennessee Department of Agriculture and the

Tennessee Farmer's Cooperative — is designed to:

- Increase the opportunity for custom replacement heifer development.
- Demonstrate proper replacement heifer development to beef cattle producers in Tennessee.
- Increase the implementation of heifer development practices that will result in optimum reproductive efficiency as mature cows.
- Demonstrate management techniques necessary for replacement heifers to reach target weights and breed successfully.
- Demonstrate methods of evaluating heifers for disposition, performance and reproductive traits.

Contact: Kevin Thompson, Director, Middle Tennessee AgResearch and Education Center at Spring Hill, 931-486-2129, kthomp44@tennessee.edu



GENERAL ASSUMPTIONS FOR RECOMMENDATIONS

Spring-calving cows are bred to calve beginning January 1, with first calf heifers beginning approximately 30 days earlier. Fall-calving cows are bred to calve beginning October 1. Local veterinarians should be consulted to develop appropriate health programs. All practices should be carried out according to label and Beef Quality Assurance (BQA) recommendations. Four general working opportunities should be considered: Pre-breeding, Pre-weaning, Weaning and Midsummer.

STEP 1. DEFINE THE CALVING PERIOD YOU EXPECT

These dates are based on the breeding season that you used last year:

- Write “Calving season begins” on calendar.
- Write “Calving season ends” on calendar.

STEP 2. DEFINE THE CALVING PERIOD

Define the desired calving period you want the current year. Find these “due dates” using the Gestation Table at the end of this calendar. For example, if you want your calves to begin coming on March 1, you will find this “due date” corresponds to a breeding date of May 22. Therefore, you should begin your breeding season on May 22. Some dates are included in the calendar itself for convenience. (Caution: You should not go from year-round to short-season calving in one year):

- Write “Put bulls with cows” on calendar.
- Write “Calving season begins” on calendar.
- Write “Remove bulls from cows” on calendar.
- Write “Calving season ends” on calendar.

STEP 3. TAKE CARE OF BULL/SEMEN NEEDS

At least 45 days prior to breeding season, purchase bulls (tested for breeding soundness) and/or ordersemen. Get a Breeding Soundness Evaluation on natural service sires:

- Write “Buy bull(s)” on calendar.
- Write “Order semen” on calendar.

Write “Breeding Soundness Evaluation for bulls” on calendar.

STEP 4. DECIDE HOW MANY TIMES AND WHEN TO WORK CATTLE

Suggest working periods:

- Pre-breeding or turn-out (most important working, but can be done at any time prior to putting the bulls with the cows).
- Mid-July (good time to deworm and implant).
- Pre-weaning* (usually done 3 to 4 weeks prior to weaning).
- Weaning* (unless you sell at weaning).
- Write the appropriate management practice on the calendar (e.g., reweaning working).

STEP 5. FORAGE MANAGEMENT PLANNING

Place appropriate forage-related information on calendar:

- “Soil test” (fall).
- “Apply fertilizer” (March/April or October/November, except for N for stockpiled fall pasture).
- “Nitrogen application for fall-stockpiled pasture” (late August to early September).
- “Sample hay for quality” (August to October).
- “Pasture renovation with clover” (February for frost-seeding or later if drilling).
- “Remove cattle from fields to be fall stockpiled” (late August to early September).
- “Take first cutting of alfalfa hay” and, “take first cutting of other hay” (first cutting of grasses and legumes usually should come in the first two weeks of May).
- “Take last cutting of alfalfa hay” (usually before mid-September).
- “Start feeding higher quality hay for last trimester” (November 1 for January-calving cows).



STEP 6. ECONOMIC PRACTICES

Place economic information on calendar:

- Inventory the beef herd (usually January).
- Estimate annual quantities of inputs (January).
- Arrange for line of credit (January-March). Have employees complete I-9 and W-4 forms on their first day of employment.

Beginning of business year:

- Arrange for a line of operating credit for the beef enterprise. A monthly cash flow estimate will be useful in determining the line of credit.
- Inventory the resources (land, labor, capital, management) available for the beef enterprise. Prepare a budget to determine the cost of producing a calf. This will assist in marketing the calves at a profitable level.
- Set goals that include financial and production aspects of the beef cow/calf enterprise. Keep financial records monthly to monitor profitability and cash flow.
- Determine the annual quantities of feed, medication and other inputs needed. Negotiate an annual price for each of the required inputs and then schedule different delivery dates prior to the time products are needed. Every month:
 - Record all cow purchases, sales, deaths and movements among pastures.

End of year:

- Prepare an income statement and balance sheet as of the last day of the business year. Determine if the financial and production goals set forth in the beginning of the year were met.
- Purchase insurance to protect assets against wind, fire, theft, flood, lightning, liability, collision, etc.

STEP 7. RECORD KEEPING

Complete the Individual Calf Record Forms located in the appendix pages of this calendar.

INDIVIDUAL CALF RECORD FORM

Cow ID Calf ID Sire ID Birth Date Birth WT Sex Wean WT
Remarks

631 801 AN31 15-Mar 85 B 550 Red White Face

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STEP 8. MARKETING TIPS

- Marketing of the calf crop begins at the time the cow is bred or when an animal is purchased for resale. When the calving season ends, producers should have a marketing plan including when (i.e., age of calf, weight of calf, date) and where (i.e., private treaty, auction market, special sale, retained ownership, etc.) they plan to market cattle. Producers purchasing cattle should have a plan at the time of purchase.
- The timing and place of sell should be revisited frequently to take advantage of what the market is offering. It is an acceptable practice to adjust the marketing plan. This may include early weaning, selling at weaning, preconditioning, and backgrounding, or retained ownership in the feedlot.
- Price risk management alternatives (i.e., futures, options, LRP, forward contracting, etc.) should be considered throughout the time of cattle ownership.
- **Bred heifer and bred cow marketing considerations:** Females should be bred to calve during common spring and fall calving seasons. Females should be 5+ months bred prior to marketing as bred females.
- **Slaughter cow marketing considerations:** Early weaning spring born calves to capitalize on higher slaughter cow prices prior to the end of August may be advantageous. The best window for higher prices tends to be between April and August.

STEP 9. TREATMENT RECORD KEEPING

- Consider using the treatment record keeping form to track your cattle/calves health and vaccination regimen.
- Keep all records for 2 years.
- Provide this form to your veterinarian(s).

JANUARY 2024

SPRING-CALVING HERD

Calving season begins:

- Supplement with magnesium mineral at least 30 days prior to calving.
- Increase feed to cows that have calves. Grain may be needed if you are feeding lower quality hay (3 to 4 pounds for mature cows and about 8 pounds for first-calf heifers).
- Have calving equipment, facilities and labor arranged prior to calving.
- Observe cows closely now since they should begin calving January 1. Expect calving difficulty and intervene if:
 - No progress after 90 minutes of labor.
 - Calf is backwards (only the calf's tail is visible, or the dew claws are pointed "up").
 - The calf's head and two feet are not visible.
- Identify calf with an ear tag, tattoo or both while it is young and easy to handle. Record dam ID and birth date. Commercial male calves should also be castrated and implanted according to product recommendations. Castration and dehorning are less stressful when performed on young animals. Registered calves should be weighed during the first 24 hours.
- Inform tax preparer of sales of unbred heifers in the breeding pool because they are considered breeding livestock by the IRS.
- Call artificial insemination (AI) technicians for spring breeding appointments.
- Start making bull selections. Place order for semen if needed.
- Record the identification number of the first calf born on the appropriate calendar date to serve as a record for the Process Verified Program (PVP).

CONSIDERATIONS FOR ALL CATTLE

- Feed hay in areas where mud is less of a problem.
- Increase feed provided as the temperature drops.
- Always provide clean water. Be aware of the hazards of frozen ponds.
- Begin looking for herd sire replacements that meet herd and farm goals. Yearling bull availability is best in late winter and spring.




FALL-CALVING HERD

Breeding season ends:

- Cows nursing calves need 25 to 30 pounds of good-quality hay, or its equivalent, throughout the breeding season.
- Remove bulls February 28 to end the breeding season for the last calves born by December 8.
- Consider creep-feeding or creep-grazing of small grain pastures to add extra pounds, since calves need more than just their dam's milk for maximum growth. Maintain high-quality forage for cows for good body condition, milk production and calf gains.
- Finish castrating, dehorning, and implanting.
- Provide clean windbreaks and shelter for young calves.

FORAGES

- Prepare for pasture renovation by purchasing seeds, inoculant, etc., and getting equipment ready.
- Determine the need for N fertilization of selected grass pasture fields for early spring growth.
- Access hay quality and inventory.
- Allocate hay feeding based on animal needs and hay quality.
- Determine varieties to be used for renovation.
- Plan pasture utilization strategy (fencing, water, shade).

NOTES	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	31 Due 10/10/24	1 Due 10/10/24	2 Due 10/11/24	3 Due 10/12/24	4 Due 10/13/24	5 Due 10/14/24	6 Due 10/15/24
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	7 Due 10/16/24	8 Due 10/17/24	9 Due 10/18/24	10 Due 10/19/24	11 Due 10/20/24	12 Due 10/21/24	13 Due 10/22/24
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	14 Due 10/23/24	15 Due 10/24/24	16 Due 10/25/24	17 Due 10/26/24	18 Due 10/27/24	19 Due 10/28/24	20 Due 10/29/24
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	21 Due 10/30/24	22 Due 10/31/24	23 Due 11/1/24	24 Due 11/2/24	25 Due 11/3/24	26 Due 11/4/24	27 Due 11/5/24
Economics and Marketing 	28 Due 11/6/24	29 Due 11/7/24	30 Due 11/8/24	31 Due 11/9/24	1 Due 11/10/24	2 Due 11/11/24	Profitable Forage Production 

FEBRUARY 2024

SPRING-CALVING HERD

Spring-calving continues:

- Identify calf with ear tag, tattoo or both while it is young and easy to handle. Record dam ID and birthdate. Commercial male calves should also be castrated and implanted according to product recommendations. Castrating and dehorning are less stressful when performed on young animals. Registered calves should be weighed during the first 24 hours.
- Watch for calf scours:
 - Give fluids to scouring calves that become dehydrated.
 - Consult your veterinarian for proper diagnosis and treatment.
 - Move cows that are approaching calving to a clean pasture.
 - Vaccinate calves (should be 12 weeks of age or older) for clostridial diseases (blackleg) according to label recommendations.
- Separate cows that have calves and increase their feed.
- Continue grass tetany prevention. Cows need 20 grams of magnesium daily or 4 ounces per day of a 15 percent magnesium mineral mix.
- Line up AI sires and/or purchase new bulls at least 30 days before the breeding season. Demand performance records and check health history including immunizations. Choose a breed and use EPDs plus visual observation to select the bull that best fits your production and
- Evaluate yearling replacement heifers for structural soundness, genetic value, and weight. Heifers should reach their target weight of 65 percent of expected mature weight by breeding season.

CONSIDERATIONS FOR ALL CATTLE

- Secure herd sire replacements that meet herd and farm goals. Yearling bull availability is best in late winter and spring.



FALL-CALVING HERD

- Breeding season begins:
- Breeding season should end February 28.
- Remove bulls and feed to regain “normal” weight and condition.
- If economical, provide creep for calves.
- Provide windbreaks or clean shelter for calves.
- Vaccinate heifer calves for Brucellosis according to your veterinarian’s recommendation (optional).
- Consult your veterinarian for proper deworming of the fall-calving herd.

FORAGES

- Soil test your hay fields and pastures. Apply phosphate, potash, and lime according to soil test recommendation to the species and management.
- Begin pasture renovation with legumes.
- Apply nitrogen fertilizer by mid- to late February to promote early grass growth.
- Plan pasture utilization strategy (fencing, water, shade).
- Consider herbicide options such as dormant applications for alfalfa.

NOTES	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	28 Due 11/6/24	29 Due 11/7/24	30 Due 11/8/24	31 Due 11/9/24	1 Due 11/10/24	2 Due 11/11/24	3 Due 11/12/24
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	4 Due 11/13/24	5 Due 11/14/24	6 Due 11/15/24	7 Due 11/16/24	8 Due 11/17/24	9 Due 11/18/24	10 Due 11/19/24
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	11 Due 11/20/24	12 Due 11/21/24	13 Due 11/22/24	14 Due 11/23/24	15 Due 11/24/24	16 Due 11/25/24	17 Due 11/26/24
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	18 Due 11/27/24	19 Due 11/28/24	20 Due 11/29/24	21 Due 11/30/24	22 Due 12/1/24	23 Due 12/2/24	24 Due 12/3/24
Breeding and Reproduction 	25 Due 12/4/24	26 Due 12/5/24	27 Due 12/6/24	28 Due 12/7/24	29 Due 12/8/24	1 Due 12/9/24	Genetics 

MARCH 2024

SPRING-CALVING HERD

Prepare for breeding season:

- Line up AI services and/or purchase replacement bulls at least 45 days prior to the start of the breeding season.
- Choose a breed and use EPDs, visual observation, and DNA marker analysis (if available) to select the bull that best fits your program's production and marketing goals.
- Have a veterinarian perform breeding soundness evaluations on bulls.
- If you are going to use artificial insemination and/or estrus synchronization, make plans now and order needed supplies and semen.
- Make final selection of heifer replacements based on weight and genetic merit.
- Spring or "turn-out" working is usually scheduled for late April or May. Consult your veterinarian about vaccines and health products your herd needs (see month of April for suggestions).
- Continue providing magnesium in the mineral mix until daytime temperatures are consistently above 60 F.
- Identify calf with an ear tag, tattoo or both while it is young and easy to handle.
- Record dam ID and birth date. Commercial male calves should also be castrated and implanted according to product recommendations. Castrating and dehorning are less stressful when performed on young animals. Registered calves should be weighed during the first 24 hours.
- Begin breeding replacement heifers for "head-start" calving. Mate to known easy-calving bulls.
- Record the identification number of the last calf born on the appropriate calendar date to serve as a record for the PVP Program.

CONSIDERATIONS FOR ALL CATTLE

- Repair fences, equipment, and handling facilities.
- Plan new working facilities, if needed.





FALL-CALVING HERD

Preweaning period:

- Consult your veterinarian about a preweaning working of the herd, which may include:
- Vaccinating calves for:
 - IBR-PI3-BVD-BRSV
 - Hemophilus somnus
 - Clostridial diseases (blackleg)
 - Deworming calves
 - Calves intended for feeders should be re-implanted.
- Consider the economics of creep-feeding calves with grain or high-quality forage.
- Marketing: Make an economic analysis of all marketing options for calves, including selling at auction barn, video, and private treaty. Another option is retained ownership, either by backgrounding or sending the calf to the feedlot.

FORAGES

- Soil test your hay fields and pastures. Apply phosphate, potash, and lime according to soil test recommendation to the species and management.
- Complete renovations by March 15.
- Smooth and reseed hay feeding areas and heavy traffic areas.
- Control competition from grasses with young clover plants by grazing or mowing as needed.
- Prepare for spring seeding.
- If growth permits, begin grazing.
- Plan and implement grazing system and rotation.
- Assess opportunity for weed control using recommended herbicides (always read and follow label recommendations).

NOTES	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	25 Due 12/4/24	26 Due 12/5/24	27 Due 12/6/24	28 Due 12/7/24	Soil Testing 	1 Due 12/9/24	2 Due 12/10/24
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	3 Due 12/11/24	4 Due 12/12/24	5 Due 12/13/24	6 Due 12/14/24	7 Due 12/15/24	8 Due 12/16/24	9 Due 12/17/24
Finished Beef 	10 Due 12/18/24	11 Due 12/19/24	12 Due 12/20/24	13 Due 12/21/24	14 Due 12/22/24	15 Due 12/23/24	16 Due 12/24/24
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	17 Due 12/25/24	18 Due 12/26/24	19 Due 12/27/24	20 Due 12/28/24	21 Due 12/29/24	22 Due 12/30/24	23 Due 12/31/24
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	24 Due 1/1/25	25 Due 1/2/25	26 Due 1/3/25	27 Due 1/4/25	28 Due 1/5/25	29 Due 1/6/25	30 Due 1/7/25
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	31 Due 1/8/25						

APRIL 2024



SPRING-CALVING HERD

Breeding season begins:

- Begin breeding cows no later than April 1, especially if they are on high- endophyte fescue. Use the best-quality pastures during the breeding season. If possible, avoid high-endophyte fescue pastures during breeding.
- Record inventory of all cows in each breeding pasture.
- Spring or “turn-out” working. Consult your veterinarian on the vaccines and health products for your herd. These may include:
 - Deworming calves.
 - Vaccinating cows for Vibrio, Lepto (5-way), IBR, BVD and Hemophilus somnus.
 - Vaccinating calves for Clostridial disease (blackleg) and Hemophilus somnus.
 - Dehorn, castrate and implant calves if not already completed.
- Continue supplying supplemental magnesium until daytime temperatures are consistently above 60 F.

CONSIDERATIONS FOR ALL CATTLE

- Continue supplemental feeding as needed.

FALL-CALVING HERD

Preweaning period:

- Pregnancy check: Consider selling open cows and heifers and those weaning poor calves. Inform tax preparer if the cows and heifers were raised or purchased.
- Finish vaccinations of calves (see March).
- Calves intended for feeders should be re-implanted.
- Marketing: Make an economic analysis of all marketing options for calves, including selling at auction barn, video, and private treaty. Another option is to retain ownership, either by backgrounding in a grazing program or sending the calf to the feedlot.
- Obtain cow and calf weights at weaning and see your UT Extension County Agent for information on record-keeping programs. Cull cows based on performance and pregnancy status and make initial heifer selections, keeping more than you intend to retain for the next breeding season.

FORAGES

- Determine need for supplemental summer forages such as millet or Sudan grass.
- Prepare for the start of hay harvest.
- Prepare fencing, and water for grazing season and begin grazing early pastures.
- Plant corn for silage and warm-season grasses if weather permits.

NOTES	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	24 Due 1/1/25	1 Due 1/9/25	2 Due 1/10/25	3 Due 1/11/25	4 Due 1/12/25	5 Due 1/13/25	6 Due 1/14/25
	31 Due 1/8/25						
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	7 Due 1/15/25	8 Due 1/16/25	9 Due 1/17/25	10 Due 1/18/25	11 Due 1/19/25	12 Due 1/20/25	13 Due 1/21/25
Forage Testing 	14 Due 1/22/25	15 Due 1/23/25	16 Due 1/24/25	17 Due 1/25/25	18 Due 1/26/25	19 Due 1/27/25	20 Due 1/28/25
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	21 Due 1/29/25	22 Due 1/30/25	23 Due 1/31/25	24 Due 2/1/25	25 Due 2/2/25	26 Due 2/3/25	27 Due 2/4/25
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	28 Due 2/5/25	29 Due 2/6/25	30 Due 2/7/25	1 Due 2/8/25	2 Due 2/9/25	Forage Seeding Guide 	4 Due 2/11/25

MAY 2024



SPRING-CALVING HERD

Breeding season continues:

- Utilize breeding pastures that do not contain high levels of endophyte if possible.
- Observe the performance of bulls during breeding season. If the number of cows returning to estrus is large, try to determine the cause and consider changing bulls.
- Always maintain mineral feeders. Provide a free-choice mineral mix containing adequate levels of phosphorus, vitamin A, selenium, copper, zinc, and other trace minerals.

CONSIDERATIONS FOR ALL CATTLE

- Don't start fly control until the population builds up.
- Consider vaccinating for pinkeye.

FALL-CALVING HERD

Weaning period:

- Give any necessary booster vaccinations to calves.
- Obtain cow and calf weights at weaning and see your UT Extension county agent for information on record keeping programs. Cull cows based on performance and pregnancy status. Make initial heifer selections, keeping more than you intend to retain for the next breeding season.
- Pregnancy test cows if not previously done.
- Creep graze calves or wean and put on best pasture. If calves are weaned, restrict pasture access for cows.
- Weaned calves can be conditioned by feeding a complete dry ration for a short period of time after vaccinating, deworming, and implanting.

FORAGES

- Start hay harvest to ensure adequate quality.
- Seed warm-season annuals for supplemental forage as needed.
- Seed warm-season perennial grasses.
- Clip seed heads to prevent seed head formation on fescue and to control weeds as needed. Consider herbicide options.
- Rotate pastures as needed.

NOTES	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>28</p> <p>Due 2/5/25</p>	<p>Forage Testing</p> 	<p>30</p> <p>Due 2/7/25</p>	<p>1</p> <p>Due 2/8/25</p>	<p>2</p> <p>Due 2/9/25</p>	<p>3</p> <p>Due 2/10/25</p>	<p>4</p> <p>Due 2/11/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>5</p> <p>Due 2/12/25</p>	<p>6</p> <p>Due 2/13/25</p>	<p>7</p> <p>Due 2/14/25</p>	<p>8</p> <p>Due 2/15/25</p>	<p>9</p> <p>Due 2/16/25</p>	<p>10</p> <p>Due 2/17/25</p>	<p>11</p> <p>Due 2/18/25</p>
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<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>19</p> <p>Due 2/26/25</p>	<p>20</p> <p>Due 2/27/25</p>	<p>21</p> <p>Due 2/28/25</p>	<p>22</p> <p>Due 3/1/25</p>	<p>23</p> <p>Due 3/2/25</p>	<p>24</p> <p>Due 3/3/25</p>	<p>25</p> <p>Due 3/4/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>26</p> <p>Due 3/5/25</p>	<p>27</p> <p>Due 3/6/25</p>	<p>28</p> <p>Due 3/7/25</p>	<p>29</p> <p>Due 3/8/25</p>	<p>30</p> <p>Due 3/9/25</p>	<p>31</p> <p>Due 3/10/25</p>	<p>Principles of Grazing Management</p> 

JUNE 2024

SPRING-CALVING HERD

Breeding season is almost over:

- Continue pasture rotation and avoid high-endophyte fescue during this month for best rebreeding performance.
- Remove bulls from the cow herd by the end of the month. This will eliminate summer-born calves and help prevent nursing heifer calves from becoming pregnant.
- Midsummer working opportunity (when the herd is gathered to remove bulls):
- To avoid heat stress, work cattle early in the morning.
- Consider deworming cows and calves (mid-July is optimal)
- Re-implant calves.
- Vaccinate calves for clostridial diseases (blackleg) if not done previously.
- Spray for flies while cattle are gathered (if not using other control methods).

CONSIDERATIONS FOR ALL CATTLE

- Prevent/control pinkeye:
 - Clip tall, mature grass.
 - Reduce flies with adequate fly control.
 - Treat problems quickly.
 - Consider vaccinating.
- Control flies. Methods may include:
 - Back rubbers, spray, dust bags, pour-ons.
 - Insecticide ear tags (two per animal).
 - Salt-mineral mix containing oral larvicide.
 - Maintain a clean water supply and check it routinely. Water is extremely important in hot weather.





FALL-CALVING HERD

Weaning period:

- Finish collecting cow and calf weights at weaning.
- Pregnancy test cows if not done previously.
- Consider selling open cows and heifers, cows weaning lightweight, poor- quality calves and problem cows. Inform tax preparer if the cows and heifers were raised or purchased.
- Make an initial selection of replacement heifers.

FORAGES

- Continue hay harvests.
- Clip pastures for weeds and seed heads as needed.
- Rotate pastures as needed.
- Protect round bales of hay from weather damage to minimize storage losses of yield and quality.

NOTES	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	26 Due 3/5/25	Health 	28 Due 3/7/25	29 Due 3/8/25	30 Due 3/9/25	Video: Calibrating Sprayers 	1 Due 3/11/25
	2 Due 3/12/25	3 Due 3/13/25	4 Due 3/14/25	5 Due 3/15/25	6 Due 3/16/25	7 Due 3/17/25	8 Due 3/18/25
	9 Due 3/19/25	10 Due 3/20/25	11 Due 3/21/25	12 Due 3/22/25	13 Due 3/23/25	14 Due 3/24/25	15 Due 3/25/25
	16 Due 3/26/25	17 Due 3/27/25	18 Due 3/28/25	19 Due 3/29/25	20 Due 3/30/25	21 Due 3/31/25	22 Due 4/1/25
	23 Due 4/2/25	24 Due 4/3/25	25 Due 4/4/25	26 Due 4/5/25	27 Due 4/6/25	28 Due 4/7/25	29 Due 4/8/25
	30 Due 4/9/25						

JULY 2024

SPRING-CALVING HERD

Breeding season ends:

- Bulls should be removed from the cow herd, grouped together in a pasture with good fence and allowed to regain “normal” weight and condition.
- Manage to minimize the effect of high-endophyte level in fescue. Pasture, other than fescue, can be beneficial this month.
- Watch pastures! If pasture is running short, start supplemental feeding.
- Check pastures for poisonous plants.
- Creep-graze or advance-graze calves, providing them with the best forages available.
- Repair and improve corrals for fall working and weaning.
- Consider limited creep-feeding during last summer.

CONSIDERATIONS FOR ALL CATTLE

- Continue to watch for pinkeye and treat if necessary.
- Minimize problems by clipping pastures, controlling face flies and providing shade.
- Check pastures for downed wild cherry trees after storms (wild cherry leaves can be toxic to cattle).
- Be sure that clean water is always available, especially in hot weather.

FALL-CALVING HERD

Dry period:

- Fall-calving cows should be dry and pregnant. Their nutrient needs are minimal, and they can be maintained on lower-quality pasture to avoid over conditioning.
- Always keep a good free-choice mineral mix available.
- Get ready for fall-calving and plan to have good pasture available for fall-calving.
- Replacement heifers should gain at an adequate rate to reach their “target” breeding weight (65 percent of mature size) by November 25.
- Consider deworming cows.




FORAGES

- Identify fescue pastures for accumulation of fall growth (stockpiling).
- Attend county, regional and state field days for timely information.
- Clip pastures as needed.
- Assess the need for weed control.
- Determine species and varieties to be seeded in fall.



Desiray Bacon
Washington Co.

NOTES	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>Video: Heat Stress</p> 	<p>1</p> <p>Due 4/10/25</p>	<p>2</p> <p>Due 4/11/25</p>	<p>3</p> <p>Due 4/12/25</p>	<p>4</p> <p>Due 4/13/25</p>	<p>5</p> <p>Due 4/14/25</p>	<p>6</p> <p>Due 4/15/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>7</p> <p>Due 4/16/25</p>	<p>8</p> <p>Due 4/17/25</p>	<p>9</p> <p>Due 4/18/25</p>	<p>10</p> <p>Due 4/19/25</p>	<p>11</p> <p>Due 4/20/25</p>	<p>12</p> <p>Due 4/21/25</p>	<p>13</p> <p>Due 4/22/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>14</p> <p>Due 4/23/25</p>	<p>15</p> <p>Due 4/24/25</p>	<p>16</p> <p>Due 4/25/25</p>	<p>17</p> <p>Due 4/26/25</p>	<p>18</p> <p>Due 4/27/25</p>	<p>19</p> <p>Due 4/28/25</p>	<p>20</p> <p>Due 4/29/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>21</p> <p>Due 4/30/25</p>	<p>22</p> <p>Due 5/1/25</p>	<p>23</p> <p>Due 5/2/25</p>	<p>24</p> <p>Due 5/3/25</p>	<p>25</p> <p>Due 5/4/25</p>	<p>26</p> <p>Due 5/5/25</p>	<p>27</p> <p>Due 5/6/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>28</p> <p>Due 5/7/25</p>	<p>29</p> <p>Due 5/8/25</p>	<p>30</p> <p>Due 5/9/25</p>	<p>31</p> <p>Due 5/10/25</p>	<p>1</p> <p>Due 5/11/25</p>	<p>Water Quality</p> 	<p>3</p> <p>Due 5/13/25</p>

AUGUST 2024

SPRING-CALVING HERD

- Manage to minimize the effect of high endophyte level in fescue. Pasture, other than fescue, can be beneficial this month.
- Watch pastures! If pasture is running short, start supplemental feeding.
- Watch for poisonous plants in pastures.
- Creep-graze or advance-graze calves, providing them with the best forages available.
- Repair and improve corrals for fall working and weaning.
- Consider limited crop-feed during late summer.

CONSIDERATIONS FOR ALL CATTLE

- Provide shade and water. Check water supply frequently as much as 20 gallons may be required by high-producing cows in very hot weather.
- Don't give up on fly control. Methods may need to be combined (i.e., spraying of "tagged" cattle) in late summer.
- Keep a good mineral mix available at all times. Provide a free-choice mineral mix containing adequate levels of phosphorus, vitamin A, selenium, copper, zinc, and other trace minerals.

FALL-CALVING HERD


Dry period:

- Fall-calving cows should be dry and pregnant. Their nutrient needs are minimal, and they can be maintained on lower-quality pasture to avoid over conditioning. Always keep a good free-choice mineral mix available.
- Get ready for fall-calving and plan to have good pasture available.
- Inform tax preparer of sales of unbred heifers in the breeding pool because they are considered breeding livestock by the IRS.
- Determine breed and type bull needed for next breeding season.



FORAGES

- Remove livestock and apply nitrogen to fescue pastures to be stockpiled.
- Plant perennial grasses at optimal rate, date, and depth.
- Harvest corn silage.

NOTES	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>Soil Testing</p> 	<p>29</p> <p>Due 5/8/25</p>	<p>Video: Understanding Fertilizer</p> 	<p>31</p> <p>Due 5/10/25</p>	<p>1</p> <p>Due 5/11/25</p>	<p>2</p> <p>Due 5/12/25</p>	<p>3</p> <p>Due 5/13/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>4</p> <p>Due 5/14/25</p>	<p>5</p> <p>Due 5/15/25</p>	<p>6</p> <p>Due 5/16/25</p>	<p>7</p> <p>Due 5/17/25</p>	<p>8</p> <p>Due 5/18/25</p>	<p>9</p> <p>Due 5/19/25</p>	<p>10</p> <p>Due 5/20/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>11</p> <p>Due 5/21/25</p>	<p>12</p> <p>Due 5/22/25</p>	<p>13</p> <p>Due 5/23/25</p>	<p>14</p> <p>Due 5/24/25</p>	<p>15</p> <p>Due 5/25/25</p>	<p>16</p> <p>Due 5/26/25</p>	<p>17</p> <p>Due 5/27/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>18</p> <p>Due 5/28/25</p>	<p>19</p> <p>Due 5/29/25</p>	<p>20</p> <p>Due 5/30/25</p>	<p>21</p> <p>Due 5/31/25</p>	<p>22</p> <p>Due 6/1/25</p>	<p>23</p> <p>Due 6/2/25</p>	<p>24</p> <p>Due 6/3/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>25</p> <p>Due 6/4/25</p>	<p>26</p> <p>Due 6/5/25</p>	<p>27</p> <p>Due 6/6/25</p>	<p>28</p> <p>Due 6/7/25</p>	<p>29</p> <p>Due 6/8/25</p>	<p>30</p> <p>Due 6/9/25</p>	<p>31</p> <p>Due 6/10/25</p>

SEPTEMBER 2024

SPRING-CALVING HERD

Preweaning working:

- Consult your veterinarian on the merits of a preweaning working of the herd, which may include:
 - Vaccinating calves for:
 - IBR-PI3-BVD-BRSV.
 - Hemophilus somnus.
 - Clostridial diseases (blackleg).
 - Pregnancy examination of the cows.
 - Treatment of cows for grubs and lice.
 - Deworm if retaining calves for more than 30 days.
 - Creep-feeding may give extra gain and prepare calves for eating dry feed at weaning.
 - **Marketing:** Make an economic analysis of limit feeding and of all marketing options for calves including selling at auction barn, video, and private treaty. Another option is to retain ownership, either by backgrounding or sending the calf to the feedlot.

CONSIDERATIONS FOR ALL CATTLE

- Don't give up on fly control. Methods may need to be combined (i.e., spraying of "tagged" cattle) in late summer.
- Keep a good mineral always mix available. Provide a free-choice mineral mix containing adequate levels of phosphorus, vitamin A, selenium, copper, zinc, and other trace minerals.

FALL-CALVING HERD

Prepare for calving:



- Pregnant cows should be moved to better pastures as calving approaches.
- Observe first-calf heifers closely now, since they should begin head-start calving by September 10. Expect calving difficulty and intervene if:
 - No progress after 90 minutes of labor.
 - Calf is backwards (only the calf's tail is visible, or the dewclaws are pointed "up").
 - Calf's head and two feet are not visible.



- Arrange for enough labor to assist during the calving period.
- Inform tax preparer of sales of unbred heifers in the breeding pool because they are considered breeding livestock by the IRS.
- Get equipment ready for calving season (may include):
 - Puller and chains, ear tags, record book and scales.
 - Determine breed and type bull needed for next breeding season.

FORAGES

- Continue taking soil samples for perennial crops and apply fertilizer as needed.
- Plant perennial grasses at optimal rate, date, and depth.
- Harvest hay as needed.
- Continue harvesting corn silage.
- Secure desired varieties for late-summer seeding.

NOTES	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	1 Due 6/11/25	2 Due 6/12/25	3 Due 6/13/25	4 Due 6/14/25	5 Due 6/15/25	6 Due 6/16/25	7 Due 6/17/25
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	8 Due 6/18/25	9 Due 6/19/25	10 Due 6/20/25	11 Due 6/21/25	12 Due 6/22/25	13 Due 6/23/25	14 Due 6/24/25
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	15 Due 6/25/25	16 Due 6/26/25	17 Due 6/27/25	18 Due 6/28/25	19 Due 6/29/25	20 Due 6/30/25	21 Due 7/1/25
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	22 Due 7/2/25	23 Due 7/3/25	24 Due 7/4/25	25 Due 7/5/25	26 Due 7/6/25	27 Due 7/7/25	28 Due 7/8/25
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	29 Due 7/9/25	30 Due 7/10/25	1 Due 7/11/25	2 Due 7/12/25	Forage Testing 	4 Due 7/14/25	Video: Drill Calibration 

OCTOBER 2024

SPRING-CALVING HERD

Wean the calves:

- Give any necessary booster vaccinations to calves.
- Consider selling open cows and heifers and weaning poor calves. Inform tax preparer if the cows and heifers were raised or purchased.
- Put thin cows (body condition score less than 5) on high-quality feed or pasture, such as accumulated tall fescue.
- Obtain cow and calf weights at weaning and see your UT Extension County Agent for information on record keeping programs. Cull cows based on performance and pregnancy status and make initial heifer selections, keeping at least 15 percent more than you intend to retain for the next breeding season.
- Keep back the best of the heifer calves born during the first half of the calving season as replacements.
- Plan your calf marketing program. Alternatives include:
 - Special feeder calf sales.
 - Weekly auction markets.
 - Private treaty sales to dealers or feeders.
 - Backgrounding the calves, yourself.
 - Retaining ownership through the feedlot.

CONSIDERATIONS FOR ALL CATTLE

- Treat calves for internal/external parasites.
- Remove fly-control ear tags.

FALL-CALVING HERD

Calving season begins:

- Cows should be moved to a clean, accessible pasture for calving.
- Identify calf with an ear tag, tattoo or both while it is young and easy to handle. Record dam ID and birth date. Commercial male calves should also be castrated and implanted according to product recommendations. Castration and dehorning are less stressful when performed on young animals. Registered calves should be weighed during the first 24 hours following birth.



- If applicable, schedule AI technicians. Record the identification number of the first calf born on the appropriate calendar date to serve as a record for the PVP program.

FORAGES

- Soil test your hay fields and pastures. Apply phosphate, potash, and lime according to soil test recommendation to the species and management.
- Do not harvest or graze alfalfa fields to replenish root reserves.

- Graze crop residues (beware of grazing restrictions on certain crop herbicides).
- Beware of prussic acid (cyanide) poisoning from grazing (sorghum x sudangrass and johnsongrass) following frost.
- Consider broadleaf weed control in grass pastures.

NOTES	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	Forage Testing 	30 Due 7/10/25	1 Due 7/11/25	2 Due 7/12/25	3 Due 7/13/25	4 Due 7/14/25	5 Due 7/15/25
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	6 Due 7/16/25	7 Due 7/17/25	8 Due 7/18/25	9 Due 7/19/25	10 Due 7/20/25	11 Due 7/21/25	12 Due 7/22/25
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	13 Due 7/23/25	14 Due 7/24/25	15 Due 7/25/25	16 Due 7/26/25	17 Due 7/27/25	18 Due 7/28/25	19 Due 7/29/25
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	20 Due 7/30/25	21 Due 7/31/25	22 Due 8/1/25	23 Due 8/2/25	24 Due 8/3/25	25 Due 8/4/25	26 Due 8/5/25
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	27 Due 8/6/25	28 Due 8/7/25	29 Due 8/8/25	30 Due 8/9/25	31 Due 8/10/25	1 Due 8/11/25	Winter Weed Management 

NOVEMBER 2024

SPRING-CALVING HERD

- Plan your winter-feeding program:
- Obtain cow and calf weights and see your UT Extension county agent for information on record-keeping programs. Cull cows based on performance and pregnancy status and make initial heifer selections, keeping more than you intend to retain for the next breeding season.
- Evaluate body condition (BCS) of cows after weaning their calves. Sort thin cows (BCS less than 5) away from the main cow herd so they can receive extra feed, if needed.
- Dry cows can utilize crop residues and poor-quality hay, but do not let them lose weight. Save higher-quality feeds until calving time.
- Replacement heifers should gain at an adequate rate to reach their “target” breeding weight (65 percent of mature weight) by March 1.
- Increase feed to cows 45-60 days prior to calving.

CONSIDERATIONS FOR ALL CATTLE

- Record all cow deaths, purchases, sales, and movements among pastures.
- This is a good time to freeze-brand replacement heifers for permanent identification.
- Evaluate the performance of calves and consider changes in your breeding program.

FALL-CALVING HERD

Fall-calving continues:

- Check calving pastures frequently.
- Identify calf with ear tag, tattoo or both while it is young and easy to handle. Record dam ID and birth date. Commercial male calves should also be castrated and implanted according to product recommendations. Castrating and dehorning are less stressful when performed on young animals. Registered calves should be weighed during the first 24 hours following birth.
- Move cows with young calves to the best stockpiled fescue pasture.



- Line up AI sires and/or purchase new bulls at least 30 days prior to breeding season. Choose a breed and use EPDs and visual observation to select the bull that best fits your program and budget.
- Have a veterinarian perform breeding soundness evaluations on bulls.
- Evaluate yearling replacement heifers for reproductive tract score and weight. Heifers should reach their target weight of 65 percent of expected mature weight by breeding season.

FORAGES

- Soil test your hay fields and pastures. Apply lime according to soil test recommendation to the species and management.
- Begin using stockpiled tall fescue.
- After November 1 or a killing frost, fall alfalfa can be grazed or mowed.
- Use crop residues as needed or available.
- Graze alfalfa after November 1 or let it freeze down (24 degrees for a few hours).
- Please continue inventory of hay supplies and needs.
- Continue testing hay for nutrient content.

NOTES	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>Forage Testing</p> 	<p>28</p> <p>Due 8/7/25</p>	<p>29</p> <p>Due 8/8/25</p>	<p>Forage Variety Trials</p> 	<p>31</p> <p>Due 8/10/25</p>	<p>1</p> <p>Due 8/11/25</p>	<p>2</p> <p>Due 8/12/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>3</p> <p>Due 8/13/25</p>	<p>4</p> <p>Due 8/14/25</p>	<p>5</p> <p>Due 8/15/25</p>	<p>6</p> <p>Due 8/15/25</p>	<p>7</p> <p>Due 8/16/25</p>	<p>8</p> <p>Due 8/17/25</p>	<p>9</p> <p>Due 8/18/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>10</p> <p>Due 8/19/25</p>	<p>11</p> <p>Due 8/20/25</p>	<p>12</p> <p>Due 8/21/25</p>	<p>13</p> <p>Due 8/22/25</p>	<p>14</p> <p>Due 8/23/25</p>	<p>15</p> <p>Due 8/24/25</p>	<p>16</p> <p>Due 8/25/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>17</p> <p>Due 8/26/25</p>	<p>18</p> <p>Due 8/27/25</p>	<p>19</p> <p>Due 8/28/25</p>	<p>20</p> <p>Due 8/29/25</p>	<p>21</p> <p>Due 8/30/25</p>	<p>22</p> <p>Due 8/1/25</p>	<p>23</p> <p>Due 9/2/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>24</p> <p>Due 9/3/25</p>	<p>25</p> <p>Due 9/4/25</p>	<p>26</p> <p>Due 9/5/25</p>	<p>27</p> <p>Due 9/6/25</p>	<p>28</p> <p>Due 9/7/25</p>	<p>29</p> <p>Due 9/8/25</p>	<p>30</p> <p>Due 9/9/25</p>

DECEMBER 2024

SPRING-CALVING HERD

Begin winter feeding:

- Divide the herd into groups for winter feeding, which may include:
 - Weaned calves.
 - First and second-calf heifers and thin cows.
 - The remainder of the dry cows are in good body condition.
 - Herd sires.
 - Feed the lowest quality forage to mature dry cows during early winter.
 - Be sure that weaned heifer calves are on “target” and being fed so that they weigh 65 percent of mature weight by 14 to 15 months of age.

Prepare for calving:

- Prepare a calving area and equipment:
 - Facilities to warm chilled calves (warming box, truck cab, heat lamp, etc.).
 - Puller and chains.
 - Ear tags and applicator.
 - Frozen colostrum or commercial colostrum supplement.
 - Oral calf feeder.
 - Iodine for calf’s navel.
 - Record book.
 - Scales (optional).
- Arrange for enough labor to assist during the calving period.
- Mature dry cow’s needs are minimal if they are in the desired body condition (BCS of 5).
- Keep replacement heifer calves gaining enough to reach their “target” weight (65 percent mature weight) by the start of the breeding season.

CONSIDERATIONS FOR ALL CATTLE

- Record all cow deaths, purchases, sales, and movements among pastures.
- Review this year’s calf crop and start plans for next year’s breeding program.
- Plan to attend Advanced Master Beef Producer and other educational meetings to update your knowledge of beef production.
- Develop criteria for bulls to be purchased and start attending bull sales.



FALL-CALVING HERD



Breeding season begins:

- Pre-breeding working. Consult your veterinarian about vaccines and health products your herd needs. These may include:
 - Deworming cows.
 - Vaccinating cows for Lepto (5-way), IBR, BVD and vibrio.
 - Vaccinating calves for clostridial diseases (blackleg) and IBR-PI3-BVD-BRSV.
 - Dehorn, castrate and implant and ID calves if not already completed.
- Cows must be fed when the pasture runs out. Cows with calves need 25 or 30 pounds of good quality hay or its equivalent. Supplement with grain, if needed.
- Start breeding cows by December 22 for fall-calving to begin in October.

- Observe the performance of bulls during breeding season. If the number of cows returning to estrus is large, try to determine the cause and consider changing bulls.
- At the beginning of breeding season, record inventory of all cows in each breeding pasture. Record the identification number of the last calf born on the appropriate calendar date to serve as a record for the PVP Program.

FORAGES

- Continue using stockpiled tall fescue and crop residues as available.
- Continue testing hay for nutrient content.
- Begin hay feeding, minimizing waste.
- Start inventory of hay supplies and needs and test hay quality.

NOTES	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>1</p> <p>Due 9/10/25</p>	<p>2</p> <p>Due 9/11/25</p>	<p>3</p> <p>Due 9/12/25</p>	<p>4</p> <p>Due 9/13/25</p>	<p>5</p> <p>Due 9/14/25</p>	<p>6</p> <p>Due 9/15/25</p>	<p>7</p> <p>Due 9/16/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>8</p> <p>Due 9/17/25</p>	<p>9</p> <p>Due 9/18/25</p>	<p>10</p> <p>Due 9/19/25</p>	<p>11</p> <p>Due 9/20/25</p>	<p>12</p> <p>Due 9/21/25</p>	<p>13</p> <p>Due 9/22/25</p>	<p>14</p> <p>Due 9/23/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>15</p> <p>Due 9/24/25</p>	<p>16</p> <p>Due 9/25/25</p>	<p>17</p> <p>Due 9/26/25</p>	<p>18</p> <p>Due 9/27/25</p>	<p>19</p> <p>Due 9/28/25</p>	<p>20</p> <p>Due 9/29/25</p>	<p>21</p> <p>Due 9/30/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>22</p> <p>Due 10/1/25</p>	<p>23</p> <p>Due 10/2/25</p>	<p>24</p> <p>Due 10/3/25</p>	<p>25</p> <p>Due 10/4/25</p>	<p>26</p> <p>Due 10/5/25</p>	<p>27</p> <p>Due 10/6/25</p>	<p>28</p> <p>Due 10/7/25</p>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>29</p> <p>Due 10/8/25</p>	<p>30</p> <p>Due 10/9/25</p>	<p>31</p> <p>Due 10/10/25</p>	<p>1</p> <p>Due 10/11/25</p>	<p>Forage Testing</p> 	<p>3</p> <p>Due 10/13/25</p>	<p>How to Read a Feed Tag</p> 

CALVING DUE DATES AND NEXT ESTRUS CYCLE

Date	Calving Date/Due	Next Estrus
1/1/2024	10/10/2024	1/22/2024
1/2/2024	10/11/2024	1/23/2024
1/3/2024	10/12/2024	1/24/2024
1/4/2024	10/13/2024	1/25/2024
1/5/2024	10/14/2024	1/26/2024
1/6/2024	10/15/2024	1/27/2024
1/7/2024	10/16/2024	1/28/2024
1/8/2024	10/17/2024	1/29/2024
1/9/2024	10/18/2024	1/30/2024
1/10/2024	10/19/2024	1/31/2024
1/11/2024	10/20/2024	2/1/2024
1/12/2024	10/21/2024	2/2/2024
1/13/2024	10/22/2024	2/3/2024
1/14/2024	10/23/2024	2/4/2024
1/15/2024	10/24/2024	2/5/2024
1/16/2024	10/25/2024	2/6/2024
1/17/2024	10/26/2024	2/7/2024
1/18/2024	10/27/2024	2/8/2024
1/19/2024	10/28/2024	2/9/2024
1/20/2024	10/29/2024	2/10/2024
1/21/2024	10/30/2024	2/11/2024
1/22/2024	10/31/2024	2/12/2024
1/23/2024	11/1/2024	2/13/2024
1/24/2024	11/2/2024	2/14/2024
1/25/2024	11/3/2024	2/15/2024
1/26/2024	11/4/2024	2/16/2024
1/27/2024	11/5/2024	2/17/2024
1/28/2024	11/6/2024	2/18/2024
1/29/2024	11/7/2024	2/19/2024
1/30/2024	11/8/2024	2/20/2024
1/31/2024	11/9/2024	2/21/2024
2/1/2024	11/10/2024	2/22/2024
2/2/2024	11/11/2024	2/23/2024
2/3/2024	11/12/2024	2/24/2024
2/4/2024	11/13/2024	2/25/2024
2/5/2024	11/14/2024	2/26/2024
2/6/2024	11/15/2024	2/27/2024
2/7/2024	11/16/2024	2/28/2024
2/8/2024	11/17/2024	2/29/2024
2/9/2024	11/18/2024	3/1/2024
2/10/2024	11/19/2024	3/2/2024
2/11/2024	11/20/2024	3/3/2024
2/12/2024	11/21/2024	3/4/2024
2/13/2024	11/22/2024	3/5/2024
2/14/2024	11/23/2024	3/6/2024

Date	Calving Date/Due	Next Estrus
2/15/2024	11/24/2024	3/7/2024
2/16/2024	11/25/2024	3/8/2024
2/17/2024	11/26/2024	3/9/2024
2/18/2024	11/27/2024	3/10/2024
2/19/2024	11/28/2024	3/11/2024
2/20/2024	11/29/2024	3/12/2024
2/21/2024	11/30/2024	3/13/2024
2/22/2024	12/1/2024	3/14/2024
2/23/2024	12/2/2024	3/15/2024
2/24/2024	12/3/2024	3/16/2024
2/25/2024	12/4/2024	3/17/2024
2/26/2024	12/5/2024	3/18/2024
2/27/2024	12/6/2024	3/19/2024
2/28/2024	12/7/2024	3/20/2024
2/29/2024	12/8/2024	3/21/2024
3/1/2024	12/9/2024	3/22/2024
3/2/2024	12/10/2024	3/23/2024
3/3/2024	12/11/2024	3/24/2024
3/4/2024	12/12/2024	3/25/2024
3/5/2024	12/13/2024	3/26/2024
3/6/2024	12/14/2024	3/27/2024
3/7/2024	12/15/2024	3/28/2024
3/8/2024	12/16/2024	3/29/2024
3/9/2024	12/17/2024	3/30/2024
3/10/2024	12/18/2024	3/31/2024
3/11/2024	12/19/2024	4/1/2024
3/12/2024	12/20/2024	4/2/2024
3/13/2024	12/21/2024	4/3/2024
3/14/2024	12/22/2024	4/4/2024
3/15/2024	12/23/2024	4/5/2024
3/16/2024	12/24/2024	4/6/2024
3/17/2024	12/25/2024	4/7/2024
3/18/2024	12/26/2024	4/8/2024
3/19/2024	12/27/2024	4/9/2024
3/20/2024	12/28/2024	4/10/2024
3/21/2024	12/29/2024	4/11/2024
3/22/2024	12/30/2024	4/12/2024
3/23/2024	12/31/2024	4/13/2024
3/24/2024	1/1/2025	4/14/2024
3/25/2024	1/2/2025	4/15/2024
3/26/2024	1/3/2025	4/16/2024
3/27/2024	1/4/2025	4/17/2024
3/28/2024	1/5/2025	4/18/2024
3/29/2024	1/6/2025	4/19/2024
3/30/2024	1/7/2025	4/20/2024

Date	Calving Date/Due	Next Estrus
3/31/2024	1/8/2025	4/21/2024
4/1/2024	1/9/2025	4/22/2024
4/2/2024	1/10/2025	4/23/2024
4/3/2024	1/11/2025	4/24/2024
4/4/2024	1/12/2025	4/25/2024
4/5/2024	1/13/2025	4/26/2024
4/6/2024	1/14/2025	4/27/2024
4/7/2024	1/15/2025	4/28/2024
4/8/2024	1/16/2025	4/29/2024
4/9/2024	1/17/2025	4/30/2024
4/10/2024	1/18/2025	5/1/2024
4/11/2024	1/19/2025	5/2/2024
4/12/2024	1/20/2025	5/3/2024
4/13/2024	1/21/2025	5/4/2024
4/14/2024	1/22/2025	5/5/2024
4/15/2024	1/23/2025	5/6/2024
4/16/2024	1/24/2025	5/7/2024
4/17/2024	1/25/2025	5/8/2024
4/18/2024	1/26/2025	5/9/2024
4/19/2024	1/27/2025	5/10/2024
4/20/2024	1/28/2025	5/11/2024
4/21/2024	1/29/2025	5/12/2024
4/22/2024	1/30/2025	5/13/2024
4/23/2024	1/31/2025	5/14/2024
4/24/2024	2/1/2025	5/15/2024
4/25/2024	2/2/2025	5/16/2024
4/26/2024	2/3/2025	5/17/2024
4/27/2024	2/4/2025	5/18/2024
4/28/2024	2/5/2025	5/19/2024
4/29/2024	2/6/2025	5/20/2024
4/30/2024	2/7/2025	5/21/2024
5/1/2024	2/8/2025	5/22/2024
5/2/2024	2/9/2025	5/23/2024
5/3/2024	2/10/2025	5/24/2024
5/4/2024	2/11/2025	5/25/2024
5/5/2024	2/12/2025	5/26/2024
5/6/2024	2/13/2025	5/27/2024
5/7/2024	2/14/2025	5/28/2024
5/8/2024	2/15/2025	5/29/2024
5/9/2024	2/16/2025	5/30/2024
5/10/2024	2/17/2025	5/31/2024
5/11/2024	2/18/2025	6/1/2024
5/12/2024	2/19/2025	6/2/2024
5/13/2024	2/20/2025	6/3/2024
5/14/2024	2/21/2025	6/4/2024

Date	Calving Date/Due	Next Estrus
5/15/2024	2/22/2025	6/5/2024
5/16/2024	2/23/2025	6/6/2024
5/17/2024	2/24/2025	6/7/2024
5/18/2024	2/25/2025	6/8/2024
5/19/2024	2/26/2025	6/9/2024
5/20/2024	2/27/2025	6/10/2024
5/21/2024	2/28/2025	6/11/2024
5/22/2024	3/1/2025	6/12/2024
5/23/2024	3/2/2025	6/13/2024
5/24/2024	3/3/2025	6/14/2024
5/25/2024	3/4/2025	6/15/2024
5/26/2024	3/5/2025	6/16/2024
5/27/2024	3/6/2025	6/17/2024
5/28/2024	3/7/2025	6/18/2024
5/29/2024	3/8/2025	6/19/2024
5/30/2024	3/9/2025	6/20/2024
5/31/2024	3/10/2025	6/21/2024
6/1/2024	3/11/2025	6/22/2024
6/2/2024	3/12/2025	6/23/2024
6/3/2024	3/13/2025	6/24/2024
6/4/2024	3/14/2025	6/25/2024
6/5/2024	3/15/2025	6/26/2024
6/6/2024	3/16/2025	6/27/2024
6/7/2024	3/17/2025	6/28/2024
6/8/2024	3/18/2025	6/29/2024
6/9/2024	3/19/2025	6/30/2024
6/10/2024	3/20/2025	7/1/2024
6/11/2024	3/21/2025	7/2/2024
6/12/2024	3/22/2025	7/3/2024
6/13/2024	3/23/2025	7/4/2024
6/14/2024	3/24/2025	7/5/2024
6/15/2024	3/25/2025	7/6/2024
6/16/2024	3/26/2025	7/7/2024
6/17/2024	3/27/2025	7/8/2024
6/18/2024	3/28/2025	7/9/2024
6/19/2024	3/29/2025	7/10/2024
6/20/2024	3/30/2025	7/11/2024
6/21/2024	3/31/2025	7/12/2024
6/22/2024	4/1/2025	7/13/2024
6/23/2024	4/2/2025	7/14/2024
6/24/2024	4/3/2025	7/15/2024
6/25/2024	4/4/2025	7/16/2024
6/26/2024	4/5/2025	7/17/2024
6/27/2024	4/6/2025	7/18/2024
6/28/2024	4/7/2025	7/19/2024

Date	Calving Date/Due	Next Estrus
6/29/2024	4/8/2025	7/20/2024
6/30/2024	4/9/2025	7/21/2024
7/1/2024	4/10/2025	7/22/2024
7/2/2024	4/11/2025	7/23/2024
7/3/2024	4/12/2025	7/24/2024
7/4/2024	4/13/2025	7/25/2024
7/5/2024	4/14/2025	7/26/2024
7/6/2024	4/15/2025	7/27/2024
7/7/2024	4/16/2025	7/28/2024
7/8/2024	4/17/2025	7/29/2024
7/9/2024	4/18/2025	7/30/2024
7/10/2024	4/19/2025	7/31/2024
7/11/2024	4/20/2025	8/1/2024
7/12/2024	4/21/2025	8/2/2024
7/13/2024	4/22/2025	8/3/2024
7/14/2024	4/23/2025	8/4/2024
7/15/2024	4/24/2025	8/5/2024
7/16/2024	4/25/2025	8/6/2024
7/17/2024	4/26/2025	8/7/2024
7/18/2024	4/27/2025	8/8/2024
7/19/2024	4/28/2025	8/9/2024
7/20/2024	4/29/2025	8/10/2024
7/21/2024	4/30/2025	8/11/2024
7/22/2024	5/1/2025	8/12/2024
7/23/2024	5/2/2025	8/13/2024
7/24/2024	5/3/2025	8/14/2024
7/25/2024	5/4/2025	8/15/2024
7/26/2024	5/5/2025	8/16/2024
7/27/2024	5/6/2025	8/17/2024
7/28/2024	5/7/2025	8/18/2024
7/29/2024	5/8/2025	8/19/2024
7/30/2024	5/9/2025	8/20/2024
7/31/2024	5/10/2025	8/21/2024
8/1/2024	5/11/2025	8/22/2024
8/2/2024	5/12/2025	8/23/2024
8/3/2024	5/13/2025	8/24/2024
8/4/2024	5/14/2025	8/25/2024
8/5/2024	5/15/2025	8/26/2024
8/6/2024	5/16/2025	8/27/2024
8/7/2024	5/17/2025	8/28/2024
8/8/2024	5/18/2025	8/29/2024
8/9/2024	5/19/2025	8/30/2024
8/10/2024	5/20/2025	8/31/2024
8/11/2024	5/21/2025	9/1/2024
8/12/2024	5/22/2025	9/2/2024
8/13/2024	5/23/2025	9/3/2024
8/14/2024	5/24/2025	9/4/2024
8/15/2024	5/25/2025	9/5/2024

Date	Calving Date/Due	Next Estrus
8/16/2024	5/26/2025	9/6/2024
8/17/2024	5/27/2025	9/7/2024
8/18/2024	5/28/2025	9/8/2024
8/19/2024	5/29/2025	9/9/2024
8/20/2024	5/30/2025	9/10/2024
8/21/2024	5/31/2025	9/11/2024
8/22/2024	6/1/2025	9/12/2024
8/23/2024	6/2/2025	9/13/2024
8/24/2024	6/3/2025	9/14/2024
8/25/2024	6/4/2025	9/15/2024
8/26/2024	6/5/2025	9/16/2024
8/27/2024	6/6/2025	9/17/2024
8/28/2024	6/7/2025	9/18/2024
8/29/2024	6/8/2025	9/19/2024
8/30/2024	6/9/2025	9/20/2024
8/31/2024	6/10/2025	9/21/2024
9/1/2024	6/11/2025	9/22/2024
9/2/2024	6/12/2025	9/23/2024
9/3/2024	6/13/2025	9/24/2024
9/4/2024	6/14/2025	9/25/2024
9/5/2024	6/15/2025	9/26/2024
9/6/2024	6/16/2025	9/27/2024
9/7/2024	6/17/2025	9/28/2024
9/8/2024	6/18/2025	9/29/2024
9/9/2024	6/19/2025	9/30/2024
9/10/2024	6/20/2025	10/1/2024
9/11/2024	6/21/2025	10/2/2024
9/12/2024	6/22/2025	10/3/2024
9/13/2024	6/23/2025	10/4/2024
9/14/2024	6/24/2025	10/5/2024
9/15/2024	6/25/2025	10/6/2024
9/16/2024	6/26/2025	10/7/2024
9/17/2024	6/27/2025	10/8/2024
9/18/2024	6/28/2025	10/9/2024
9/19/2024	6/29/2025	10/10/2024
9/20/2024	6/30/2025	10/11/2024
9/21/2024	7/1/2025	10/12/2024
9/22/2024	7/2/2025	10/13/2024
9/23/2024	7/3/2025	10/14/2024
9/24/2024	7/4/2025	10/15/2024
9/25/2024	7/5/2025	10/16/2024
9/26/2024	7/6/2025	10/17/2024
9/27/2024	7/7/2025	10/18/2024
9/28/2024	7/8/2025	10/19/2024
9/29/2024	7/9/2025	10/20/2024
9/30/2024	7/10/2025	10/21/2024
10/1/2024	7/11/2025	10/22/2024
10/2/2024	7/12/2025	10/23/2024

Date	Calving Date/Due	Next Estrus
10/3/2024	7/13/2025	10/24/2024
10/4/2024	7/14/2025	10/25/2024
10/5/2024	7/15/2025	10/26/2024
10/6/2024	7/16/2025	10/27/2024
10/7/2024	7/17/2025	10/28/2024
10/8/2024	7/18/2025	10/29/2024
10/9/2024	7/19/2025	10/30/2024
10/10/2024	7/20/2025	10/31/2024
10/11/2024	7/21/2025	11/1/2024
10/12/2024	7/22/2025	11/2/2024
10/13/2024	7/23/2025	11/3/2024
10/14/2024	7/24/2025	11/4/2024
10/15/2024	7/25/2025	11/5/2024
10/16/2024	7/26/2025	11/6/2024
10/17/2024	7/27/2025	11/7/2024
10/18/2024	7/28/2025	11/8/2024
10/19/2024	7/29/2025	11/9/2024
10/20/2024	7/30/2025	11/10/2024
10/21/2024	7/31/2025	11/11/2024
10/22/2024	8/1/2025	11/12/2024
10/23/2024	8/2/2025	11/13/2024
10/24/2024	8/3/2025	11/14/2024
10/25/2024	8/4/2025	11/15/2024
10/26/2024	8/5/2025	11/16/2024
10/27/2024	8/6/2025	11/17/2024
10/28/2024	8/7/2025	11/18/2024
10/29/2024	8/8/2025	11/19/2024
10/30/2024	8/9/2025	11/20/2024
10/31/2024	8/10/2025	11/21/2024
11/1/2024	8/11/2025	11/22/2024
11/2/2024	8/12/2025	11/23/2024
11/3/2024	8/13/2025	11/24/2024
11/4/2024	8/14/2025	11/25/2024
11/5/2024	8/15/2025	11/26/2024
11/6/2024	8/16/2025	11/27/2024
11/7/2024	8/17/2025	11/28/2024
11/8/2024	8/18/2025	11/29/2024
11/9/2024	8/19/2025	11/30/2024
11/10/2024	8/20/2025	12/1/2024
11/11/2024	8/21/2025	12/2/2024
11/12/2024	8/22/2025	12/3/2024
11/13/2024	8/23/2025	12/4/2024
11/14/2024	8/24/2025	12/5/2024
11/15/2024	8/25/2025	12/6/2024
11/16/2024	8/26/2025	12/7/2024
11/17/2024	8/27/2025	12/8/2024
11/18/2024	8/28/2025	12/9/2024

Date	Calving Date/Due	Next Estrus
11/19/2024	8/29/2025	12/10/2024
11/20/2024	8/30/2025	12/11/2024
11/21/2024	8/31/2025	12/12/2024
11/22/2024	9/1/2025	12/13/2024
11/23/2024	9/2/2025	12/14/2024
11/24/2024	9/3/2025	12/15/2024
11/25/2024	9/4/2025	12/16/2024
11/26/2024	9/5/2025	12/17/2024
11/27/2024	9/6/2025	12/18/2024
11/28/2024	9/7/2025	12/19/2024
11/29/2024	9/8/2025	12/20/2024
11/30/2024	9/9/2025	12/21/2024
12/1/2024	9/10/2025	12/22/2024
12/2/2024	9/11/2025	12/23/2024
12/3/2024	9/12/2025	12/24/2024
12/4/2024	9/13/2025	12/25/2024
12/5/2024	9/14/2025	12/26/2024
12/6/2024	9/15/2025	12/27/2024
12/7/2024	9/16/2025	12/28/2024
12/8/2024	9/17/2025	12/29/2024
12/9/2024	9/18/2025	12/30/2024
12/10/2024	9/19/2025	12/31/2024
12/11/2024	9/20/2025	1/1/2025
12/12/2024	9/21/2025	1/2/2025
12/13/2024	9/22/2025	1/3/2025
12/14/2024	9/23/2025	1/4/2025
12/15/2024	9/24/2025	1/5/2025
12/16/2024	9/25/2025	1/6/2025
12/17/2024	9/26/2025	1/7/2025
12/18/2024	9/27/2025	1/8/2025
12/19/2024	9/28/2025	1/9/2025
12/20/2024	9/29/2025	1/10/2025
12/21/2024	9/30/2025	1/11/2025
12/22/2024	10/1/2025	1/12/2025
12/23/2024	10/2/2025	1/13/2025
12/24/2024	10/3/2025	1/14/2025
12/25/2024	10/4/2025	1/15/2025
12/26/2024	10/5/2025	1/16/2025
12/27/2024	10/6/2025	1/17/2025
12/28/2024	10/7/2025	1/18/2025
12/29/2024	10/8/2025	1/19/2025
12/30/2024	10/9/2025	1/20/2025
12/31/2024	10/10/2025	1/21/2025



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