

# NORTH CENTRAL FARM MANAGEMENT EXTENSION COMMITTEE



Pasture Rental  
Arrangements  
For Your Farm

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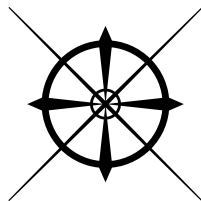
**NCFMEC-03**

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# Pasture Rental Arrangements

The purpose of this publication is to help tenants and landlords make sound decisions and develop workable pasture rental arrangements. The publication demonstrates how to determine the landowner and livestock owner contributions to livestock production and how to use that to arrive at agreeable leasing arrangements. A sample lease form is included at the end of this publication.

Although beef cattle examples are used in this publication, the principles and worksheets outlined apply to grazing dairy cattle, sheep, goats, horses, and other roughage-consuming livestock.





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## Why Seek Equitable Lease Arrangements?

Determining rental rates is not an exact science. Local demand and supply conditions, anticipated market conditions and even long standing working relationships can have some bearing on rental rate negotiations. It is in the best interests of both land owners and renters to establish and record rental agreements that are equitable.

The success of the lease depends on meeting the needs of all parties. Both the land owner and livestock owner legitimately seek to recover their direct and opportunity costs. The “Contributions Approach” is a method to estimate the annual costs to own and operate a pasture enterprise. Once the ownership and operating expenses are budgeted, these values can be used to estimate an equitable division of receipts.

This document illustrates the contributions approach using a Missouri beef stocker example. The principles and worksheets outlined apply to grazing dairy cattle, sheep, goats, horses, and other roughage-consuming livestock. Examples using other species or geographic regions can be obtained from the NCFMC Lease website at: <http://AgLease101.org/>. The site also contains additional leasing resources and Extension contact information.

A sample lease form is included at the end of this publication.

## Stocking Rates

Other than the lease rate, perhaps the most important aspect of any pasture lease is the stocking rate. Clearly specifying the stocking rate in the lease agreement helps

avoid disagreements between both parties and maintains the quality of the grass stand.

Stocking rates can be stated in number of animals or as “animal units.” When establishing stocking rate by number of head, it is important to designate the type (e.g. bull, cow, yearling, etc.) of livestock and weight of livestock to be grazed. Stocking by animal units is useful for stocking animals that are not necessarily for weight gain such as dairy heifers, beef cow/calf, and horses. Animal units are described in the footnote.<sup>1</sup> Because the definition of animal unit has changed over time, it is recommended that any pasture lease agreements specify the definition being used.

Setting pasture rent on a per-acre basis or a share of gain basis gives an incentive to the livestock owner to stock heavily. The landowner, on the other hand, may desire light stocking rates in order to preserve pasture quality. It is in the interest of both parties to develop a lease agreement that achieves maximum economic returns to all resources while maintaining the grass stand and quality.

Several ways of expressing stocking rates exists. Stocking rates can be expressed as the average during the lease period since numbers may vary as animals are born or die and weight will vary with time. Alternatively, the rent can be established on the basis of animal-days or animal unit-days to account for the changing number and size of animals grazing at different times during the grazing season. Stocking rates can have a maximum set so that it never exceeds a particular rate at any one time.

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<sup>1</sup>An animal unit (au), historically been described as a 1,000-pound beef cow with or without a calf less than three months of age. It is assumed that a cow of this size consumes 26 pounds of dry matter per day, or 780 pounds per month. However, since 1991 the official definition by the “Terminology for Grazing Lands and Grazing Animals” defines an animal unit as the consumption of 17.6 pounds of dry matter per day, or 528 pounds of dry matter in 30 day month. Either method is appropriate to calculate stocking rates, since they are based on available pounds of dry matter per acre and the expected rate of removal by the livestock pastured.



## Establishing Landowner and Livestock Owner Contributions

The landowner's cost and livestock owner's net return are two financial estimates used to establish pasture leases. By completing Worksheets 1 and 2 of this publication, information necessary to compute various lease rates can be computed.

### Landowners' Cost Estimate

The major task in estimating the landowner's cost is to establish reasonable values for the resources provided to the livestock owner and to clearly estimate annual costs. The valuation process is outlined in the following discussion and in Worksheet 1.

*Land:* Land is valued at its current fair-market value for agricultural purposes. The influence of location near cities and other nonagricultural influences on value is disregarded.

*Interest on land:* The land value multiplied by an opportunity interest rate is a method of estimating the annual land charge. A practical starting point for negotiating the return to land is the rent-to-value ratio in the region (cash rent divided by market value), as this reflects the "opportunity cost" of not renting the land on a cash basis. The USDA NASS reports the rent-to-value ratios for average cropland in the various regions in the U.S. The rent-to-value ratios vary considerably from region to region. Additionally, the ratios have been trending down in some regions (Northern Plains,

#### Example Worksheet 1. Landowner Cost Estimate

| Land and Facility Investments             | Agricultural Value | Acres | Useful life |
|-------------------------------------------|--------------------|-------|-------------|
| Land value                                | \$ 240,000         | 160   |             |
| Fences                                    | \$ 10,000          |       | 25 yrs      |
| Corrals                                   | \$ 0               |       | 25 yrs      |
| Other Investments                         | \$ 0               |       | 25 yrs      |
| Stocking Rate (acres/head or animal unit) | 4                  |       |             |

| Item                                                     | Valuation  | Rate  | Annual Charge |
|----------------------------------------------------------|------------|-------|---------------|
| <b>Land Charges</b>                                      |            |       |               |
| Interest                                                 | \$ 240,000 | 1 %   | \$ 2,400      |
| Land Taxes                                               | \$ 240,000 | 0.5 % | \$ 1,200      |
| Annual Land Development Costs                            |            |       | \$ 0          |
| <b>Facility Charges</b>                                  |            |       |               |
| Depreciation                                             |            |       | \$ 400        |
| Interest                                                 | \$ 10,000  | 5 %   | \$ 250        |
| Repairs                                                  | \$ 10,000  | 1.0 % | \$ 50         |
| Taxes                                                    | \$ 10,000  | 0.5 % | \$ 25         |
| Insurance                                                | \$ 10,000  | 0 %   | \$ 0          |
| <b>Other Contributions</b>                               |            |       |               |
| Fertilizer                                               |            |       | \$            |
| Labor and Management                                     |            |       | \$            |
| <b>Total Pasture Ownership Charges</b>                   |            |       | \$ 4,325      |
| <b>Landowner's Contribution (\$/head or animal unit)</b> |            |       | \$ 108.13     |
| <b>Landowner's Contribution (\$/acre)</b>                |            |       | \$ 27.03      |



Delta, and Southern Plains regions) and thus using a longer term historical average value may not be appropriate.

*Real estate taxes:* Actual real estate taxes paid on the land and improvements are a contribution of the landowner.

*Land development:* The average dollars spent annually by the landowner for land improvements, including conservation practices, are a contribution of the landowner.

*Building or facility investment:* A fair-market value should be placed on the fences, buildings, ponds, wells, and handling facilities used by the livestock owner. Those facilities that provide no benefit to the livestock owner should not be considered a contribution of the landowner. Ownership costs on these provided resources include depreciation, interest, repairs, taxes, and insurance (the “DIRTI five”).

1. **Depreciation:** Depreciation is calculated from the estimated useful life of the asset. Since a fair-market value (not the purchase price) of the buildings and facilities are used, estimate the remaining useful life to calculate depreciation. Do not use depreciation allowance in tax law since this does not always conform to useful life.
2. **Interest:** Interest on facilities is included to reflect the capital tied up in facilities as opposed to actual interest paid on facility loans. It can be calculated as the current interest rate on operating loans multiplied by the average facility value. Average facility value is usually assumed to be  $\frac{1}{2}$  the total investment value because the investments are expected to have zero salvage value.
3. **Repairs, taxes, and insurance:** Facility repairs usually vary from 1 to 3 percent of the average investment value. The charge for both taxes and insurance usually are about 0.25 to 1 percent of the average investment value.

*Other costs:* Other costs that landowners may incur include annual fertilizer expense, tree removal, and weed control.

*Labor and Management:* Any labor or management that the landowner contributes to the livestock owner is a cost that the landowner can claim in determining rent.

Worksheet 1 illustrates ownership costs for 160 acres of pasture. As outlined by the example, the per-acre ownership cost of \$27.03 establishes an asking lease price for one acre of pasture land. Rent per head or per animal unit is determined by dividing the total ownership costs by the stocking rate of the pasture.

## Livestock Owner’s Net Returns Estimate

Livestock production budgets that estimate net returns can be obtained from local and state Extension offices or websites. These budgets are helpful in insuring that all the costs of production are considered when entering into a lease. When using budgets prepared by others to estimate net returns, be careful to include only the income and costs associated with the livestock owner for this estimate.

Worksheet 2 provides a simplified budget format that can be used to determine the livestock owner’s net returns. The livestock owner’s net return is calculated on a per head basis since that is the unit used for marketing livestock. The final estimate of dollars per head will be used to gauge the relative contributions of the pasture owner and the livestock owner.

Net returns to grazing (\$/head) is the final value of the animal, less the initial value (purchase cost) of the animal and the operating costs incurred during the lease term. The livestock owner has an investment in the animal put on the land. This investment incurs the ownership costs of interest, taxes, and insurance. If the animals are stockers intended for weight gain,



depreciation is not a cost but the value of the animals themselves is a cost. Interest is the opportunity cost of owning the animals and is charged even if no loans were used to purchase the animals. Interest is only for the length of the time the animals are grazing. For example, if the animals on are the pasture 6 months, interest would be charged for ½ year. Taxes and insurance are the amount actually paid while the animals are on pasture. Other costs such as veterinary and medicine, labor, marketing, transportation and supplemental feed should be listed. Accounting for death loss is important to accurately calculate the cost of raising livestock. Cost due to death loss is the estimated percentage of animals that die times their purchase price.

The calculation of net return is more complex for breeding animals and milk cows and recreational livestock such as horses. It is recommended that you start with a complete

budget from your Extension economist and modify it to determine the net income. The revenue will be calculated as the value of the calf or milk produced during the lease period. In addition to the other expenses mentioned for feeder livestock, pastured breeding animals will incur a depreciation expense or cow replacement costs. Bull cost or artificial insemination charges are also common.

The Worksheet 2 example where a 580-pound calf is pastured, the livestock owner can afford to pay \$60.91 per head or a per-acre rent of \$15.23 if 4 acres of pasture are needed per head.

## Establishing Lease Rates

A final lease rate value acceptable to both the tenant and landowner can be arrived at via several methods presented in this publication. Negotiation provides a

### Example Worksheet 2. Livestock Owner Cost Estimate

|                         | Weight<br>(lbs./animal) | Value<br>(\$/cwt) | Value<br>(\$/animal) |
|-------------------------|-------------------------|-------------------|----------------------|
| Final Value of Animal   | 800                     | \$ 110.00         | \$ 880.00            |
| Initial Value of Animal | 580                     | \$ 120.00         | \$ 696.00            |
| Value of Gain           |                         |                   | \$ 184.00            |

|                                                      | Units | Rate     | Cost<br>(\$/animal) |
|------------------------------------------------------|-------|----------|---------------------|
| Livestock Owner's Contribution                       |       |          |                     |
| Time on pasture (months/year)                        | 4     |          |                     |
| Interest                                             |       | 6.5 %    | \$ 15.08            |
| Taxes, vet, insurance, miscellaneous                 |       |          | \$ 18.50            |
| Marketing, hauling                                   |       | %        | \$ 17.05            |
| Death loss                                           |       | 1 %      | \$ 6.96             |
| Supplemental Feed                                    |       |          | \$ 39.00            |
| Labor                                                | 1.5   | \$ 11.00 | \$ 16.50            |
| Management                                           |       |          | \$ 10.00            |
| Livestock Owner's Contribution (\$/head)             |       |          | \$ 123.09           |
| Livestock Operating Cost and Initial Value (\$/head) |       |          | \$ 819.09           |
| Net Returns to Grazing (\$/head)                     |       |          | \$ 60.91            |
| Stocking Rate (acres/head)                           | 4     |          |                     |
| Livestock Owner Net Returns to Pasture (\$/acre)     |       |          | \$ 15.23            |





means of arriving at a rate that is acceptable to both, and it is an opportunity for both parties to understand the other's point of view. As negotiations progress, the landowner and livestock owner can identify areas of agreement and differences based on the values each party has independently developed in the above worksheets.

### Cash Lease

Using Worksheets 1 and 2 as examples of the landowner and livestock owner contributions, the landowner would like to receive \$21.54 per acre (or \$86.18 per head) based on his contribution of pasture and other productive resources. In turn, Worksheet 2 shows that the tenant would like to only pay \$19.68 per acre (or \$78.74 per head) in order to have a positive net return. Our example shows the landowner wanting more for pasture rent than the livestock owner wants to pay. The eventual pasture lease rate will be negotiated as each party makes the case for his or her position. Eventually one or both parties will need to reduce their return on investment desired in order to come to an agreeable lease rate, or walk away from the lease.

### Share of Gain

One way of negotiating a pasture lease is to divide the value of the livestock gain between the landowner and livestock owner based on their relative contributions. Worksheet 3 uses estimates from Worksheets 1 and 2 to illustrate how to divide the

value of livestock gain. The landowner's dollar contribution per head or animal unit pastured is recorded along with the livestock owner's contribution per head or animal unit. Care needs to be taken to insure that both the landowner's and livestock owner's contributions are in the same unit (number of head or number of animal units). These contributions are used to calculate the percentage of the total contribution of each party. Room for negotiation still exists as the parties seek to assert the value of their contributions.

At the end of the lease the value of gain is calculated by subtracting the beginning value of the animal from the ending value of the animal (see Worksheet 2). This value of gain is divided between the landowner and livestock owner in the percentages computed earlier looking at their contributions.

The actual rental rate that will be paid to the landowner is unknown until the end of the lease. Provisions might be made for a portion of the rent to be paid earlier in the lease period with the final amount paid at the end when the value of gain is known.

### Variable Rates

A lease arrangement also can be developed that would shift some of the risk, and the probability of additional profit (or loss), to the landowner. The two most common sources or uncertainty in livestock production are the actual livestock prices received and the actual weight gain. Weight gain is influenced by the

#### Example Worksheet 3. Share of Gain

|                                                          | Landowner | Livestock Owner | Total     |
|----------------------------------------------------------|-----------|-----------------|-----------|
| Value of Gain (\$/head from Worksheet 2)                 |           |                 | \$ 184.00 |
| Estimated Contribution (\$/head from Worksheets 1 and 2) | \$ 108.13 | \$ 123.09       | \$ 231.22 |
| Percent contribution                                     | 47 %      | 53 %            | 100 %     |
| Net Return Allocation (\$/head)                          | \$ 86.05  | \$ 97.95        |           |
| Stocking Rate (acres/head or animal unit)                |           |                 | 4.00      |
| Implied Cash Rental Rate (\$/acre)                       | \$ 21.51  |                 |           |



quality of the pasture which is influenced by weather conditions during the growing season.

The risk due to productivity could be effectively shifted by charging a fixed amount per pound of gain. To illustrate this type of lease arrangement, the pasture rent for a yearling steer could be set at \$25.00 per month. The total lease charge would be \$100.00 for a 4 month grazing season (\$25.00/month × 4 months). During the days on pasture, a 220-pound gain per animal would be a reasonable expectation. The cost of gain is \$0.45 per pound (\$100.00 ÷ 220 pounds) under these circumstances.

Instead of charging \$25.00 per head per month, the landowner could set a lease rate of \$0.45 per pound of gain. If the total gain turned out to be excellent, say 300 pounds, the landowner would receive \$135.00 (300 pounds of gain × \$0.45/pound of gain) for the season instead of \$100.00. Yet, if the amount of grass was short and the gain per animal was only 175 pounds, the landowner would receive only \$78.75 (175 pounds of gain × \$0.45/pound of gain). Pasture owners may be unwilling to assume this kind of risk unless, on the average, a higher base rent (\$/pound gained) is charged.

The risk due to market price changes can be shifted to the landowner by utilizing a flexible rent formula. One way to accomplish this is to tie the base rental rate (dollars per head) to the long term average price for good-choice steer calves during the months of October and November at a terminal market. Each year, the rental rate would increase or decrease as the price of calves varied in relation to the long-run average price. The formula for such a method would be as follows:

$$\text{Adjusted rent} = \text{Base rate} \times \frac{\text{Current Oct - Nov Price of steer calves}}{\text{Long term average Oct - Nov Price of steer calves}}$$

For example, a base rental rate of \$100 per head would be multiplied by 1.25 to arrive at a rental rate of \$125 per head. The 1.25 adjustment reflects that the sales price received for steer calves was 1.25 times the average price received for steer calves.

$$\text{Adjusted rent} = \$125/\text{head} = \$100/\text{head} \times \frac{\$100/\text{cwt}}{\$80/\text{cwt}}$$

## Other Factors Affecting Lease Rates

Pasture rental rates should reflect productivity. Poor pastures rent for less per acre than highly productive pastures. But other characteristics of a pasture affect its value to a livestock producer. Lease negotiations may be influenced by market rates, the value of location, water and landowner services. While the value of these factors may be difficult to quantify, they do enter into the amount a livestock producer is willing and able to pay for leasing pasture.

While each of the previously discussed methods may be used to establish pasture rental rates, the market rate cannot be ignored. The market rate is the going price for pasture rental resulting from negotiations between multiple landowners and livestock owners within the region. Previous years' rates are published by state crop and livestock reporting services or university Extension economists. Estimated livestock inventories, price, and weather conditions for the current year are needed to estimate and negotiate the current year's rates from previous year's rental rates. Market rates should be carefully scrutinized because they report dollars per head or per acre without specifying other factors that influence pasture value to a livestock owner.

*Location:* The pasture location is important if the livestock owner is caring for the livestock. Nearby pastures are more valuable than distant pastures. The value of location can be estimated by multiplying



the number of trips to the pasture per season by the number of miles and the cost per mile. The number of trips should consider checking the cattle for count, health, minerals, and water supply as well as hauling or driving the cattle to and from the pasture.

*Water:* Good quality water in proper locations improves gain. If the water supplies go dry in mid-season, provisions must be made for hauling water or removing the animals. The lease agreement should establish the party responsible for these costs.

*Landowner services:* Landowner services vary from mere rent collection to taking complete care of the livestock during the growing season. In most cases, the value of such services is included in the rental rate.

*Whole-tract rentals* are when land rentals contain both crop and pasture land. The parcel is rented as a whole with the landowner charging a flat fee and not distinguishing between crop and pasture land. Oftentimes the cropland is the primary concern of the tenant and less attention is paid to the pasture. However, whole-tract rentals should still specify key pasture rental provisions, such as stocking rate and limitations on subleasing, so that the pasture quality is maintained.

### Improved Pastures

Improved pastures refer to grass planted on land that has been previously tilled, or pasture that is fertilized or irrigated. Generally, management of improved pastures includes the application of annual fertilizer and possibly mowing or spraying for weed control. Some improved pastures may be hayed rather than grazed.

In addition to the stocking rate decision discussed above, leasing improved pastures introduces the question of fertilization. If the landowner is responsible for purchasing and applying fertilizer, the livestock owner will likely want relatively heavy

rates of fertilizer applied in order to obtain the maximum production per acre. The landowner, in turn, will want to apply only enough fertilizer to maintain the stand of grass. The lease agreement should specify the fertilizer plan so that the livestock owner understands how the landowner plans on managing the land. Alternatively, the livestock owner can be responsible for the costs and amount of fertilizer applied. In this case, it might be wise to again specify in the lease agreement any minimum that the landowner considers necessary for maintaining the pasture. Whichever party pays for the fertilizer, it should be recognized as their contribution on Worksheets 1 and 2.

### Putting the Agreement in Writing

A copy of the pasture lease form is included in this publication. Some of the advantages of a written lease agreement are:

1. It encourages a detailed statement of the agreement, which assures a better understanding by both parties.
2. It serves as a reminder of the terms originally agreed upon.
3. It provides a valuable guide for the heirs if either the tenant or landowner dies.

The agreement should be carefully reviewed annually to ensure the terms are still applicable and desirable.

Every lease should include certain items. These are the names of the parties involved, an accurate description of the property being rented, the beginning and ending dates of the agreement, the amount of rent to be paid, a statement of how and when the rent is to be paid, and the signatures of the parties involved.

These minimal provisions alone, however, do not meet all the requirements of a good lease. Additional provisions should provide guidance on how the land is to be used and outline possible problem areas and solutions.



A good lease should clearly identify the property being rented. If the landowner wishes to reserve the use of certain improvements on the land, these reservations should be clearly stated in the lease.

Absent a statutory or constitutional limitation, the duration of the lease can be any length of time agreed upon by the parties. Many leases are for at least one full year but pasture leases may specify portions of the year that livestock are allowed to graze. Operators sometimes request leases for more than one year, particularly if they must invest additional capital in equipment or make improvements on the farm being rented. Either party should communicate a desire to end or modify a lease agreement far enough in advance for the other party to make needed adjustments, seek other rented land, or seek a new operator. When a lease is terminated, provisions should be made to reimburse the operator for unrecovered investments to the land. Because state laws and customs vary so much on lease termination, it is suggested that competent legal advice be obtained.

In general, most transactions involving real estate require a contract in writing to be enforceable. In most states, though, oral leases for not more than a year are valid.

Landowners, as well as operators, should enter into long-term leases only after very careful consideration. Remember that the lease is a contract – a contract that “marries” the parties to favorable and unfavorable terms alike. Long-term leases commit both parties to each other for the length of the lease. Often it is better to include an automatic renewal clause and a provision for compensation for unexhausted improvements made by the operator.

Long-term leases specifying a fixed cash rent are particularly risky because of unpredictable commodity prices and uncertain costs of operation. Landowners and operators should agree to adjust rental rates from time to time when economic conditions change, either in advance or after the fact.

Generally, it is desirable to set the dates for paying the cash rent to coincide with sales of

livestock. Paying more than one installment also may be desirable. For example, one-half the lease payment may be due at the time the lease agreement is signed and the other one-half payment at the time livestock are sold. Several smaller payments can help the operator from a cash-flow standpoint while better meeting the needs of the landowner who may be dependent on the farm rental income for family living expenses.

The sample lease provides for most concerns of both the tenant and landowner. The parties can cross out or omit unwanted provisions. Both parties must initial these lease changes. Before provisions are eliminated, the landowner and tenant should remember that one of the functions of a written lease is to anticipate possible developments and to state how to handle such problems if they actually do develop. Sections of a lease that deserve special attention are mentioned below.

*Stocking rate:* This section is perhaps the most important section of the lease form if disagreements are to be avoided between the parties and the grass stand and quality is to be maintained.

*Operation and maintenance:* The lease form specifies which party performs the most common operation and maintenance practices. Additional provisions should specify what happens in the event of water or grass failure. Will the landowner provide feed and water? Will the livestock owner remove the cattle? What adjustments in rent are needed if these events should occur? What happens if the responsible party fails to meet their responsibility? Each situation is different; however, one of the purposes of a written lease is to consider these possible situations and include them in the lease.

*Payment schedule:* The lease form provides space for three different methods of payment. Method 1 specifies that pasture rent is on a per-acre basis. Method 2 specifies that pasture rent is on a per animal basis with comprehensive descriptions of the animals to be pastured included. Provisions for share of gain or variable rates can be described in Method 3. Complete the section for the method to be used.

**For additional references, see the North Central Farm Management Extension Committee Website at: <http://AgLease101.org/>**

**Worksheet 1. Landowner Cost Estimate**

| Land and Facility Investments             | Agricultural Value | Acres | Useful life |
|-------------------------------------------|--------------------|-------|-------------|
| Land value                                | \$ _____           | _____ |             |
| Fences                                    | \$ _____           |       | ____ yrs    |
| Corrals                                   | \$ _____           |       | ____ yrs    |
| Other Investments                         | \$ _____           |       | ____ yrs    |
| Stocking Rate (acres/head or animal unit) | _____              |       |             |

| Item                                              | Valuation | Rate    | Annual Charge |
|---------------------------------------------------|-----------|---------|---------------|
| <b>Land Charges</b>                               |           |         |               |
| Interest                                          | \$ _____  | _____ % | \$ _____      |
| Land Taxes                                        | \$ _____  | _____ % | \$ _____      |
| Annual Land Development Costs                     |           |         | \$ _____      |
| <b>Facility Charges</b>                           |           |         |               |
| Depreciation                                      |           |         | \$ _____      |
| Interest                                          | \$ _____  | _____ % | \$ _____      |
| Repairs                                           | \$ _____  | _____ % | \$ _____      |
| Taxes                                             | \$ _____  | _____ % | \$ _____      |
| Insurance                                         | \$ _____  | _____ % | \$ _____      |
| <b>Other Contributions</b>                        |           |         |               |
| Fertilizer                                        |           |         | \$ _____      |
| Labor and Management                              |           |         | \$ _____      |
| Total Pasture Ownership Charges                   |           |         | \$ _____      |
| Landowner's Contribution (\$/head or animal unit) |           |         | \$ _____      |
| Landowner's Contribution (\$/acre)                |           |         | \$ _____      |

**Worksheet 2. Livestock Owner Cost Estimate**

|                         | Weight<br>(lbs./animal) | Value<br>(\$/cwt) | Value<br>(\$/animal) |
|-------------------------|-------------------------|-------------------|----------------------|
| Final Value of Animal   | _____                   | \$ _____          | \$ _____             |
| Initial Value of Animal | _____                   | \$ _____          | \$ _____             |
| Value of Gain           |                         |                   | \$ _____             |

| Livestock Owner's Contribution                       | Units | Rate     | Cost<br>(\$/animal) |
|------------------------------------------------------|-------|----------|---------------------|
| Time on pasture (months/year)                        | _____ |          |                     |
| Interest                                             |       | _____ %  | \$ _____            |
| Taxes, vet, insurance, miscellaneous                 |       | _____ %  | \$ _____            |
| Marketing, hauling                                   |       | _____ %  | \$ _____            |
| Death loss                                           |       | _____ %  | \$ _____            |
| Supplemental Feed                                    |       | _____ %  | \$ _____            |
| Labor                                                | _____ | \$ _____ | \$ _____            |
| Management                                           |       |          | \$ _____            |
| Livestock Owner's Contribution (\$/head)             |       |          | \$ _____            |
| Livestock Operating Cost and Initial Value (\$/head) |       |          | \$ _____            |
| Net Returns to Grazing (\$/head)                     |       |          | \$ _____            |
| Stocking Rate (acres/head)                           | _____ |          |                     |
| Livestock Owner Net Returns to Pasture (\$/acre)     |       |          | \$ _____            |

**Worksheet 3. Share of Gain**

|                                                          | Landowner | Livestock Owner | Total    |
|----------------------------------------------------------|-----------|-----------------|----------|
| Value of Gain (\$/head from Worksheet 2)                 |           |                 | \$ _____ |
| Estimated Contribution (\$/head from Worksheets 1 and 2) | \$ _____  | \$ _____        | \$ _____ |
| Percent contribution                                     | _____ %   | _____ %         | _____ %  |
| Net Return Allocation (\$/head)                          | \$ _____  | \$ _____        |          |
| Stocking Rate (acres/head or animal unit)                |           |                 | _____    |
| Implied Cash Rental Rate (\$/acre)                       | \$ _____  |                 |          |

NOTES

(Reviewed 2011)

For additional information see NCFMEC-03 (Pasture Rental Arrangements for your Farm).

This lease entered into this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, between

\_\_\_\_\_, owner, of \_\_\_\_\_

Address

\_\_\_\_\_, spouse, of \_\_\_\_\_

Address

hereafter known as “the landlord,” and

\_\_\_\_\_, operator, of \_\_\_\_\_

Address

\_\_\_\_\_, spouse, of \_\_\_\_\_

Address

hereafter known as “the tenant.”

**I. Property Description**

The landowner hereby leases to the operator, to occupy and use for agricultural and related purposes, the following described property:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ consisting of approximately \_\_\_\_\_  
acres situated in \_\_\_\_\_ County (Counties), \_\_\_\_\_ (State) and on any other land that the  
landlord may designate by mutual written agreement.

**II. General Terms of Lease**

**A. Term.** If a continuing lease is desired, use paragraph 1 and strike out paragraph 2. If a definite term is desired, use paragraph 2 and strike out paragraph 1. No notice of termination is necessary if paragraph 2 is used.

**1. Continuing Lease.** The term of the lease shall be \_\_\_\_\_ year(s), commencing on the \_\_\_\_\_ day of 20\_\_\_\_\_, and shall continue in effect from year to year thereafter (as an annual lease) unless written notice of termination is given by either party to the other at least \_\_\_\_\_ days prior to expiration of this lease or the end of any year of continuation. (Note: State laws differ on the duration of agricultural leases.)

**2. Annual Lease.** The term of this lease shall be \_\_\_\_\_ year(s), commencing on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, and ending on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

**B. Review of Lease.** A request for general review of the lease may be made by either party at least \_\_\_\_\_ days prior to the final date for giving notice to terminate the lease.

**C. Amendments.** Amendments and alterations to this lease shall be in writing and shall be signed by both the landlord and tenant.

**D. No partnership created.** This lease shall not be deemed to give rise to a partnership relation, and neither party shall have authority to obligate the other without written consent, except as specifically provided in this lease.

**E. Binding on heirs.** The terms of this lease shall be binding upon the heirs, executors, administrators, and successors of both landlord and tenant in like manner as upon the original parties, except as provided by mutual written agreement otherwise.

**F. Transfer of property.** If the landlord should sell or otherwise transfer title to the farm, such action will be done subject to the provisions of this lease.

**G. Right of entry.** The landlord, as well as agents and employees of the landlord, reserve the right to enter the farm at any reasonable time for purposes: a) of consultation with the tenant; b) of making repairs, improvements, and inspections; and c) after notice of termination of the lease is given, of performing customary seasonal work, none of which is to interfere with the tenant in carrying out regular operations. Landlord also may request right of entry to hunt and fish.

**H. Additional agreements regarding terms of lease:**

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**I. Animal Units** (maximum allowable). Not more than animal units shall be kept in the pasture at any one time without the express written consent of the landlord. Deliberate violation of this provision shall constitute grounds for termination of this lease. (In general each 1,000 pounds of average weight shall be one animal unit. If the pasture owner and the owner of the livestock prefer, they can use the following basis for calculating animal units: one bull, 1.25 animal units; one 1,000-pound cow, 1 animal unit; one yearling steer or heifer, 0.75 animal unit; calf 6 months to 1 year, 0.5 animal unit; 3 to 6 months, 0.3 animal unit; sheep, 5 per animal unit; horse, 1.25 animal unit.)

| STOCKING RATE          | NUMBER HEAD | NUMBER OF ANIMAL UNITS |
|------------------------|-------------|------------------------|
| Bulls                  | _____       | _____                  |
| Cows                   | _____       | _____                  |
| Yearling Steers        | _____       | _____                  |
| Yearling Heifers       | _____       | _____                  |
| Calves, 6 to 12 months | _____       | _____                  |
| Calves, 3 to 6 months  | _____       | _____                  |
| Other: _____           | _____       | _____                  |
| Other: _____           | _____       | _____                  |
| Other: _____           | _____       | _____                  |

### III. Operation and Maintenance

#### A. The livestock owner agrees:

1. Not to pasture livestock that continue to break through fences. Should any animal be found outside that pasture on at least three occasions, the pasture owner may request its removal.
2. Not to assign rights and duties under this lease without the written consent of the pasture owner.
3. Not to put any cattle in pasture without getting specific approval from the pasture owner in advance regarding number, health, sex, breed, and age.



4. To furnish health certificates as follows:

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**B. Both Agree:**

**1. Not to obligate the other party.** Neither party hereto shall pledge the credit of the other party hereto for any purpose whatsoever without the consent of the other party. Neither party shall be responsible for the debts or liabilities incurred or for damages caused by the other party.

**2. Responsibilities.** Additional responsibilities for each party shall be divided as follows:

|                                              | Landlord | Tenant |
|----------------------------------------------|----------|--------|
| Inspect fences not less than once per _____  | _____    | _____  |
| Furnish labor for repair of fences           | _____    | _____  |
| Furnish materials for repair of fences       | _____    | _____  |
| Supervise supply of water to livestock       | _____    | _____  |
| Furnish labor for repair of water system     | _____    | _____  |
| Provide materials for repair of water system | _____    | _____  |
| Furnish salt and mineral                     | _____    | _____  |
| Count livestock not less than once per _____ | _____    | _____  |
| Return stray animals to pasture              | _____    | _____  |
| Call veterinarian in case of emergency       | _____    | _____  |
| Pay veterinary expenses                      | _____    | _____  |
| Provide loading and unloading facilities     | _____    | _____  |
| Furnish supplementary feed, if needed        | _____    | _____  |
| Notify other party of shortage in count      | _____    | _____  |
| Provide facilities for fly control           | _____    | _____  |
| Keep fly-control facilities in working order | _____    | _____  |
| Liability insurance                          | _____    | _____  |

**3. Additional agreements:**

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**IV. Rental Calculations and Payment Schedule**

Use Method I, II, or III and strike out the two methods not used.

**Method I**

The tenant agrees to pay \$\_\_\_\_\_ per acre for the use of the property described in Part I. Total rent of \$\_\_\_\_\_ shall be paid as follows:

\$\_\_\_\_\_ on or before \_\_\_\_ day of \_\_\_\_\_ (Month)

\$\_\_\_\_\_ on or before \_\_\_\_ day of \_\_\_\_\_ (Month)

\$\_\_\_\_\_ on or before \_\_\_\_ day of \_\_\_\_\_ (Month)

\$\_\_\_\_\_ on or before \_\_\_\_ day of \_\_\_\_\_ (Month)

If rent is not paid when due, the tenant agrees to pay interest on the amount of unpaid rent at the rate of \_\_\_\_\_ percent per annum from the due date until paid.

Rental Adjustment. Additional rental payment agreements:

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**Method II**

The livestock owner agrees to pay the following rates, as outlined:

|                        | Number | × | Rental Rate<br>per period <sup>†</sup> | = | Total Rent<br>per period <sup>†</sup> |
|------------------------|--------|---|----------------------------------------|---|---------------------------------------|
| Cows                   | _____  |   | \$ _____                               |   | \$ _____                              |
| Yearling Steers        | _____  |   | \$ _____                               |   | \$ _____                              |
| Yearling Heifers       | _____  |   | \$ _____                               |   | \$ _____                              |
| Calves, 6 to 12 months | _____  |   | \$ _____                               |   | \$ _____                              |
| Calves, 3 to 6 months  | _____  |   | \$ _____                               |   | \$ _____                              |
| Other: _____           | _____  |   | \$ _____                               |   | \$ _____                              |
| Other: _____           | _____  |   | \$ _____                               |   | \$ _____                              |
| Other: _____           | _____  |   | \$ _____                               |   | \$ _____                              |
| <b>Total Rent (A)</b>  |        |   |                                        |   | \$ _____                              |

<sup>†</sup>The period may be a month, pasture season, or year.

Minimum rent shall be \$\_\_\_\_\_. Such rent shall be required regardless of whether or not livestock are being pastured. The total rent of \$\_\_\_\_\_ (A) shall be paid as follows:

- \$\_\_\_\_\_ on or before \_\_\_\_ day of \_\_\_\_\_ (Month)
- \$\_\_\_\_\_ on or before \_\_\_\_ day of \_\_\_\_\_ (Month)
- \$\_\_\_\_\_ on or before \_\_\_\_ day of \_\_\_\_\_ (Month)
- \$\_\_\_\_\_ on or before \_\_\_\_ day of \_\_\_\_\_ (Month)

If rent is not paid when due, the tenant agrees to pay interest on the amount of unpaid rent at the rate of \_\_\_\_\_ percent per annum from the due date until paid.

Rental Adjustment. Additional rental payment agreements:

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**Method III**

Other rental arrangements (share-of-gain, etc.):

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**V. Arbitration of Differences**

Any differences between the parties as to their several rights or obligations under this lease that are not settled by mutual agreement after thorough discussion, shall be submitted for arbitration to a committee of three disinterested persons, one selected by each party hereto and the third by the two thus selected. The committee's decision shall be accepted by both parties.

Executed in duplicate on the date first above written:

|                   |                |
|-------------------|----------------|
| _____             | _____          |
| Operator          | Owner          |
| _____             | _____          |
| Operator's spouse | Owner's spouse |

State of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, A.D. 20\_\_\_\_\_, before me, the undersigned, a Notary Public in said State, personally appeared \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ to me known to be the identical persons named in and who executed the foregoing instrument, and acknowledged that they executed the same as their voluntary act and deed.

\_\_\_\_\_  
Notary Public