***Conservation Practice Worksheet – 528lws* *November 2012***

**PASTURE/HAYLAND/LIVESTOCK INVENTORY WORKSHEET**

Date      Name

Tract No      Address

Phone No      City

**What are your goals?**

Increase forage diversity? Improve riparian areas?

Increase forage yields Increase gains/acre?

Use less hay or silage: Improve gains/head?

in summer? Improve conception rates?

in winter? Improve numbers of weaned animals?

Better distribute grazing? Control gully erosion

Start another livestock operation? Control stream bank erosion

Explore alternative sources of income? Wildlife - Species?

Other      Other

**Progress in attaining Goals**

**Animal Inventory**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Number of**  **livestock** | **Have/Want?** | **Avg. Weight** | **Breed** | **Avg. Age** | **Cond. Class** | **Frame Score** |
| Cows/milkers | / |  |  |  |  |  |
| Bulls | / |  |  |  |  |  |
| Steers | / |  |  |  |  |  |
| Heifers | / |  |  |  |  |  |
| Dry cows | / |  |  |  |  |  |
| Ewes | / |  |  |  |  |  |
| Rams | / |  |  |  |  |  |
| Feeder Lambs | / |  |  |  |  |  |
| Horses | / |  |  |  |  |  |
| Nannies | / |  |  |  |  |  |
| Billies | / |  |  |  |  |  |
| Wethers | / |  |  |  |  |  |
| Other (     ) | / |  |  |  |  |  |

Dates of breeding season      Length of breeding season

Number of herds

Dates of: Calving      Lambing      Foaling      Weaning

Conception rate      Desired Conception Rate

Number of animals back-grounded: From      To

|  |  |  |  |
| --- | --- | --- | --- |
|  | |  | |
| **Animals sold:** | | **Animals bought:** | |
| Number | Date | Number | Date |
| Heifers/Steers |  | Heifers/Steers |  |
| Bulls/ |  | Bulls/ |  |
| Cows/ |  | Cows/ |  |
| Stockers/ |  | Stockers/ |  |
| Ewes/Nannies |  | Ewes/Nannies |  |
| Rams/Billies |  | Rams/Billies |  |
| Dry Cows/ |  | Dry Cows/ |  |
| Feeder Lambs/Wethers |  | Feeder Lambs/Wethers |  |

**Pasture Inventory/Management**

|  |  |  |  |
| --- | --- | --- | --- |
| **Forage Species Present by Pasture** | | | |
| **Pasture** | **Acres** | **Species of Dominant Grasses, Forbs and Legumes** | **Problem Weeds** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Treatment used on weeds:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Grazing System Used** | **Acres** | **Rest Period (days)** | **Grazing Period (days)** | **No. of AUs** |
| Continuous |  |  |  |  |
| Rotational System (# of pastures - |  |  |  |  |
| Management Intensive Grazing (MIG) (# of paddocks - |  |  |  |  |
| Crop aftermath grazed Type |  |  |  |  |

Date grazing begins in Spring       Date grazing ends

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Annuals Planted for Grazing (Brassicas, Cereal Grains, etc.)** | | | | |
| Species | Acres | Date Planted | Begin Grazing | End Grazing |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Pasture/Hayland Fertility Program (List soil test dates, method used and results):

Commercial fertilizer and/or animal waste applied to fields (include rate and time of year applications are made past and present).

**Animal Health**

Death Loss      % (Include lost, strayed, stolen, or killed).

Calves      Weaned Calves      Heifers      Steers

Cows (lst calf)      Cows(2nd calf)      Cows      Bulls

|  |  |  |
| --- | --- | --- |
| **Vaccination** | **Date** | **Reason** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Operation** | **Date** | **Type or Brand Used** |
| Brand |  | N/A |
| Castrate |  |  |
| Implant |  |  |
| Spray for fly or tick and lice control |  |  |
| Other |  |  |

Do you have disease problems in any pasture(s)

What kind

Any livestock health problems      Calving Problems

What kind

**Supplemental Feeds**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Drylot**  **Pasture** | | | | |
| **Kind** | **Amt.** | **Cost/Unit** | **Produced/Purchased** | **Storage Method** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Feeding Date(s) and rate/day

Kind and amount of hay produced annually

Kind and amount of hay purchased annually

Hay storage method

Begin feeding hay      Pounds fed/day/head free choice

Hay cost/unit      Fed free choice drylot      open pasture

**Forage analysis**

Hay and forage tested:  Yes  NO

%CP      %TDN      DOM

N.E. Maint      N.E.Gain      N.E. Lact

RFV      NDF      ADF

What is your average peak milk yield per cow/year      lbs.

What is your average milk production per cow/year      lbs.

What is your average butterfat production per cow/year      lbs.

What is your average protein production per cow/year      lbs.

In an average year how many pound of milk do you sell      lbs.

**Manure Management**

Where do livestock winter (Show on map)

How is manure managed when livestock are on confinement?

Solid Liquid

**Note: Complete Livestock Waste inventory worksheet if livestock are confined 45 days or more during a 12 month period.**

**Watering Sources, Facilities, and Distribution**

**Water source** - well, rural water, pond, stream, other

Dependable source?

Expected pressure range if pumped or pressurized

Place location of water source on map

Depth to water in well

Depth of well

**Water supply**

Hydrants - No.      (Show on Plan Map)

Fountains – No.      (Show on Plan Map)

Troughs – No.      (Show on Plan Map)

Other (Show on Plan Map)

(ex: hydrant 1 top of hill in corner between pastures 1 and 2 – use extra sheet if needed)

**Pipeline Information**

Number of herds      Are herds watered from same source?

Are herds watered from the same source at the same time?

Number of animals to be watered at one time

Type of animals to be watered

One common watering facility (Show on Plan Map)

Watering facilities in each pasture/paddock (Show on Plan Map)

Distance to water

If there are laterals, will they be used at the same time as the main?

Critical pipeline measurements- such as distances from property lines, fences or buildings, distances between hydrants, etc)

**PLAN MAPS:**

1. Include/draw on map (attach legend and include field acres, and forage species):

Pasture, hay fields, combination pasture/hay fields, grazed woodlands, fences (permanent and temporary), gates, ponds, springs (seeps), watering tanks, water pipelines, corrals, active gullies, riparian areas, permanent pasture oiler and/or mineral stations.

1. Show pipelines and utilities that cross fields.
2. Wintering Areas, Calving Areas, Feedlots, Corrals.
3. Show acres and species for each field

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