|  |
| --- |
| For Official Use Only |
| Date Received       |



Maryland Department of Agriculture Organic Certification Program

Appendix A: Dry Matter Intake Calculation Worksheet

**Directions:** Complete this form to show the dry matter intake of your ruminant livestock during the grazing season. A separate form should be completed for each class of animal and each time the feed ration changes.

|  |  |
| --- | --- |
| Operation Name: | Date: |
| Ration ID: | Species:Breed:Gender: [ ] Male [ ]  Female [ ]  Mixed |
| Time period of use: [ ] Spring [ ] Summer [ ] Fall [ ] Winter(during grazing season) Dates: # of Days | Class of Animal: [ ]  Calf [ ]  Heifer [ ] Milking [ ]  Dry [ ]  Feeder [ ]  Slaughter [ ]  Other:  |
| Approximate # of Animals in group: | Dry MatterDemand (lbs) | Source of DMD Calculation [ ]  % of body weight [ ]  Lbs per day of milk [ ]  Other reference: |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Feed type: (other than pasture) | Average # of Lbs fed per animal | X | Dry Matter content of feed source as a % | = | DMI Fed in Lbs. |
| *Example: Hay* | *Example: 15* | X | *Example: 87* | = | *13.1* |
|  |  | X |  | = |  |
|  |  | X |  | = |  |
|  |  | X |  | = |  |
|  |  | X |  | = |  |
|  |  | X |  | = |  |
|  |  | X |  | = |  |
|  |  | X |  | = |  |
|  |  | X |  | = |  |
|  |  | X |  | = |  |
|  |  | X |  | = |  |
| Total DMI Fed from non pasture sources = |  |
|  ((\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ) ÷ \_\_\_\_\_\_\_\_\_\_\_\_\_ ) x 100 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Dry Matter Total Dry Dry Matter % DMI Demand (lbs) Matter Fed (lbs) Demand (lbs) From Pasture |

**Additional Information:** Dry Matter percentages for specific crops can be provided to you per your request or you may consult your county extension agent or other reliable resource. If dry matter intake from pasture for the grazing season is below 40% all non pasture feed supplies will need to be tested for dry matter percentage by a licensed lab at the operator’s expense. Reminder: to comply with the NOP regulations all ruminate animals will need to consume 30% of dry matter intake from pasture during the grazing season.