

# ***Forage Field Guide***

*Third Edition*

## **Correction**

The information presented in the table on page 259 of the *Forage Field Guide* (third edition) contains an error. A corrected version of the *Diet Nutrient Density Requirements of Pregnant Replacement Beef Heifers* appears on the reverse of this card.

We regret the error.

You can also find this table on the Purdue Diagnostic Training and Research Center's website:

[ag.purdue.edu/agry/dtc](http://ag.purdue.edu/agry/dtc)

More forage information is available from Purdue Forage Information:

[www.agry.purdue.edu/ext/forages](http://www.agry.purdue.edu/ext/forages)

## Diet Nutrient Density Requirements of Pregnant Replacement Beef Heifers<sup>1</sup>

Nutrient Category <sup>2</sup>	Months Since Conception								
	1	2	3	4	5	6	7	8	9
	Nutrient Requirement								
TDN, %DMI	51.5	51.5	51.5	52.0	52.5	53.5	55.0	57.5	61.0
NE <sub>m</sub> , Mcal/lb.	0.46	0.46	0.46	0.47	0.48	0.49	0.52	0.55	0.61
NE <sub>g</sub> , Mcal/lb.	0.21	0.21	0.21	0.22	0.23	0.24	0.26	0.30	0.35
DMI, lb.	19.3	19.8	20.3	20.9	21.5	22.2	23.0	23.7	24.4
CP, % DMI	9	9	9	10	10	10	11	11	11
Ca, % DMI	0.27	0.27	0.27	0.27	0.27	0.27	0.33	0.33	0.33
P, %DMI	0.18	0.18	0.18	0.18	0.18	0.18	0.22	0.22	0.22

TDN = total digestible nutrients, NE<sub>m</sub> = net energy maintenance, NE<sub>g</sub> = net energy gain, DMI = dry matter intake — often interchangeable with DM (dry matter), CP = crude protein, Ca = calcium, P = phosphorus.

<sup>1</sup>Requirements based on target mature weight of 1,200 pounds and target daily gain of 0.88 pound per day.

<sup>2</sup>Values are on a dry matter basis.

**Source:** Adapted from *Nutrient Requirements of Beef Cattle* (National Research Council), available from National Academies Press, [www.nap.edu](http://www.nap.edu).