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NF94-175 Can You Afford to Use BST?

Jeffrey F. Keown

University of Nebraska-Lincoln, jkeown1@unl.edu

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NebFact



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Can You Afford to Use BST?

by Jeffrey F. Keown, Extension Dairy Specialist

A spread sheet has been developed at the University of Wisconsin, that with a few inputs, will show producers their own break-even point for using BST. The output will list the Milk Response to BST in pounds/day along with the following cost inputs:

- Added TMR pound Dry Matter
- Added Crude Protein Supplement pound
- Added Feed Cost in dollars
- BST Cost dollars/day
- Added labor/day
- Added hauling charges for the extra milk produced

The program will then list the income over feed cost that you would expect if your daily milk production increased by 2, 4, 6, 8, 10, 12 or 14 pounds per cow.

The information the producer needs to supply is given below. Simply fill out this form and send to Dr. Jeffrey F. Keown, Department of Animal Sciences, P.O. Box 680908, University of Nebraska-Lincoln, Lincoln, NE 68583-0908, and we will send the spread sheet back to you so you can see if BST will fit profitably into your management scheme.

Input:

BST Cost/Treatment _____

Days Treatment Effective _____

Time for Treatment in Minutes _____

Labor Cost/Hour _____

Grain Cost \$/cwt as fed _____

Grain % Dry Matter _____

Grain % Crude Protein DM basis _____

Grain Escape Protein, % of Crude Protein _____

Crude Protein Supplement % DM _____

Crude Protein Supplement % C.P., DM _____

Crude Protein Supplement Escape Protein % of C.P. _____

Crude Protein Supplement Cost \$/cwt _____

Milk Hauling, \$/cwt _____

Milk Price, \$/cwt @ 3.5% FAT _____

Fat Diff. \$/cwt/.1% >3.5% _____

TMR Fed Yes or No (Please circle)

TMR C.P. % DM _____

TMR Escape Protein % of C.P. _____

TMR TDN % DM _____

TMR Cost \$/cwt DM _____

If you want additional information on BST, please request the following NebGuides from your local Cooperative Extension office, or indicate you would like to have them sent with your BST spread sheet analysis.

G89-942 Can You Afford to Use Bovine Somatrophin (Bovine Growth Hormone)?

G90-961 Supplemental Fat for High Producing Dairy Cows

G90-997 How to Body Condition Score Dairy Animals

G90-999 Nutritional Management of the High-Producing Dairy Cow in the 1990s

G90-1003 Maximizing Feed Intake for Maximum Milk Production

G91-1027 Protein and Carbohydrate Nutrition of High Producing Dairy Cows

G91-1041 Feeding the Bovine Somatotropin (BST) Treated Dairy Cow

G92-1070 Feeding Dairy Cattle for Proper Body Condition Score

Your name _____

Address _____

File NF175 under DAIRY

A-1, Feeding and Nutrition

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