

PRECISION FEED MANAGEMENT

TMR TRACKER®:
The Total Solution For
Precision Feed Management



FEED MIXER



WEIGHING INDICATOR



Digi-Star 

Providing Measuring Solutions to Optimize Agricultural Performance

TMR Tracker® Precision Feed Management Solutions

TMR Tracker is a full-featured Windows® based feed management system. TMR Tracker also offers operators additional management tools including: operator control, pen review, online feed data exchange with nutritionists, ingredient tracking and numerous reports. TMR Tracker is an indispensable management tool for forward thinking operations!

Simply enter your feed ingredients, rations, production groups and mixer information in your TMR Tracker software. RF DataLink™ (wireless) or DataKey®* (memory device) is used to transfer feeding instructions to the indicator on the TMR mixer. The indicator displays the ingredients to be loaded, their weight, as well as the corresponding pen information. During feeding, the actual weights of loaded ingredients and fed ration are saved and returned via DataLink™ or DataKey®*. TMR Tracker software generates various detailed reports, tables and graphs.



THE ADVANTAGES OF TMR TRACKER

Feed cost management:

- compares intended ration against fed ration
- calculates and records daily feed costs and dry matter intake
- calculates "Income over Feed Cost" on a per pen/per head basis
- registers feed Weighback

Increase production through consistent feeding:

- easily adjust rations for Dry Matter Intake (DMI)
- helps reduce fluctuation in loading and unloading
- reduces peaks and valleys in milk production

Promotes efficiency:

- replaces feed sheets
- easy, adjustable settings improve efficiencies and accuracies
- on-the-go head count and pen weight adjustments

Individual operator control:

- review employee mixing and delivery accuracy
- encourages accuracy and consistency
- password controlled TMR Tracker software for feed manager, mixer and feeder

Management tools:

- integrated e-Tracker™ functions as an online data exchange with nutritionists and consultants
- set ingredient reorder points
- easy to read reports, tables and graphs
- interface with herd management software to update head count and track dry matter efficiencies

Ease of use:

- extensive component flexibility!
- easy operation for all user levels
- easy to interpret reports, quick analysis and trend detecting

Feed mixer maintenance management:

- record quantity of loads and auger revolutions
- extend mixer life with scheduled machine maintenance

Easy upgrade:

- software is easily upgraded via Internet
- start small and progress as needs change

Service support:

- 24/7 phone service support
- EZ Connect permits technicians to remotely support your software
- Digi-Star is a fully integrated manufacturer offering both hardware and feed management software. The complete solution!

e-Tracker corresponding software:

Farm Benefits:

- receive updated rations from nutritionist
- send feeding data to nutritionist for review
- send inventory levels to vendors, place orders automatically
- access your dairies' feeding data remotely

Nutritionist Benefits:

- fewer farm visits while keeping up to date
- track multiple clients' data from a single program
- easily compare user performances
- generate reports for specific client and send updates without travel



**INGREDIENT
MANAGEMENT**



**NUTRITIONIST
LINK**



**HELP DESK
24/7**



**HERD MANAGEMENT
PROGRAM LINK**



**MAINTENANCE
MANAGEMENT**

Recipe Delivery 5/25/2008 up to 6/1/2008											
Delivered	Delivered Wt	Actual Wt	City Wt	Deviation	Errors	Planned	Actual	Cost	Unit	User	
6/1/2008 9:17:00 AM	6000	3614	6950	3909	400	8.17	\$36.41	\$365.52	\$1		
6/2/2008 8:33:00 AM	6000	3614	1450	3383	350	9.17	\$39.30	\$371.86	\$1		
6/2/2008 10:40:00 AM	6400	3252	6628	3391	230	4.26	\$39.18	\$322.35	\$1		
6/2/2008 10:00:00 AM	6000	3915	6660	4029	190	2.92	\$37.40	\$378.14	\$1		
6/2/2008 9:43:00 AM	6000	3614	6795	4084	780	13.00	\$37.24	\$450.21	\$4		

Pen Delivery 6/9/2008 up to 6/16/2008											
Delivery	Delivered Wt	Deviation	Deviation Error %	Accuracy	Planned	Actual	Cost	Unit	User		
6/11/2008	4001	4170	169	4.22	104.22	\$229.86	\$138.68	\$1			
6/11/2008	4001	4170	169	4.22	104.22	\$229.86	\$138.68	\$1			
6/11/2008	4000	4830	330	7.33	107.33	\$305.35	\$284.70	\$1			
6/11/2008	4000	4830	330	7.33	107.33	\$305.35	\$284.70	\$1			
6/11/2008	4000	4119	419	10.45	110.25	\$242.19	\$257.65	\$1			
6/11/2008	4000	4119	419	10.45	110.25	\$242.19	\$257.65	\$1			
6/11/2008	4500	4000	100	2.22	102.22	\$152.62	\$208.21	\$1			
6/11/2008	4500	4000	100	2.22	102.22	\$152.62	\$208.21	\$1			

**FEED MANAGEMENT
REPORTS & CHARTS**

**OPERATOR
EFFICIENCY**



TWO DATA TRANSFER OPTIONS FOR COMMUNICATING WITH SCALE INDICATORS!

RF DataLink™ - wireless data exchange

DataLink™ allows for wireless data exchange between the scale indicator on the feed mixer and TMR Tracker software.

System utilizes 900 MHz or 2.4 GHz base radio to transfer data

- DataLink software automatically transfers feed information
- monitor scale indicator from your PC with full key control
- interfaces with third-party bunk read software programs
- text messages can be sent from PC to the scale indicator
- ideal for large operations, can handle up to 24 feed mixers
- communication up to 1 mile (depending on location)

We reserve the right to modify designs, or implement product improvements, without any obligations with respect to goods purchased.



DATALINK™



DATAKEY®*



TMR Tracker Functionality



Communicates with EZ3600(V) and EZ4600 Indicator	✓	✓	✓
Easy to use Windows® based program	✓	✓	✓
Input ingredients and track costs	✓	✓	✓
Input recipes and track costs	✓	✓	✓
Input pen information and monitor feed costs	✓	✓	✓
Easy adjustment of Dry Matter values	✓	✓	✓
Calculates Dry Matter Intake	✓	✓	✓
Operator accuracy monitoring	✓	✓	✓
Change "Pen Call Weight" and "Head Count" at Indicator	✓	✓	✓
Upgradable to next program level	✓	✓	✓
Feed refusal/Weighback tracking		✓	✓
Mixer Rotation Counter and Mix Time monitoring		✓	✓
E-Mail enabled (e-Tracker® Interface)	✓	✓	✓
Ingredient usage report	✓	✓	✓
Reports	10+	15+	25+
Report Writer offers report customization		✓	✓
Interface with Herd Management Programs		✓	✓
Inventory monitoring and forecasting		Limited	✓
Reports with graphs			✓
Track vendor deliveries and initiate orders automatically		✓	✓
Milk production tracking			✓
PDA compatibility			✓
Calculate Income over Feed Cost			✓
EZ Connect	✓	✓	✓
Digi-Star Software Products offer 24 hour/7 day a week phone support.			

Minimum System Requirements:

- Pentium or better PC, Microsoft Windows® 2000, XP or Vista
- 300 MB free disk space, 512 MB Ram, USB Port, CD Drive, Mouse, Printer, Adobe Acrobat
- Internet Connection - 28.8 Kbps

DataKey®* - the key to simplicity

The DataKey®* transfers information from the PC to the feed mixer quickly, easily and reliably!

- the DataKey®* is a removable memory chip that connects to the PC, uploads feed instructions and then downloads this data into the mixer's scale indicator. When feeding is complete, upload the fed data into the DataKey®* and download it back to the PC for analysis.
- interfaces with third-party bunk read software programs
- DataKey®* memory sizes: 1 MB and 8 MB; store data for a week or month
- DataKey®* is durable and waterproof: gold contacts resist corrosion

DataKey® is a Registered Trademark of DataKey Electronics

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