



Nutrition Update



**Summer
campaign
2006**



A new powerful management tool for TMR feeding

Many dairymen have used the TMR feeding system to improve feed efficiency and animal health. TMR is not a substitute for good management and the intensity of management may in fact be increased. However the new management tool of DeLaval TMR Feed Manager can help to improve management level and to make TMR system work more effectively.

DeLaval Mixer Wagon

DeLaval mixer wagons have three horizontal augers and a durable chassis that can be fit to hard work conditions. The perfect weighing system provides you a possibility for different groups (150), recipes (100) and ingredients (100).

Stationary mixer with multi- functions control box and electric motors is a good choice for some farms.



Special round knives are much more efficient for forage cutting.



Standard round knife



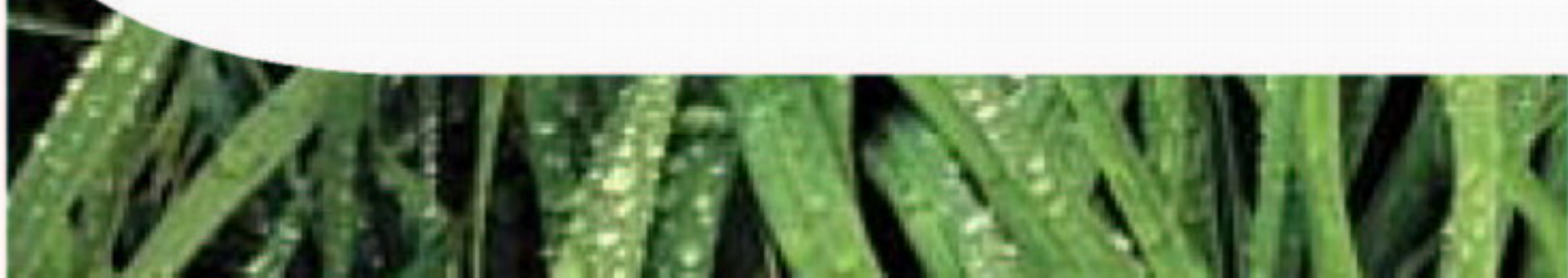
Special round knife

DeLaval TMR Feed Manager1.0

The software has a use-friendly interface and provides a fast, efficient tool to reduce feed cost and an easy way to manage inventory, reduce feed shrink and improve feed bunk management. By using the DeLaval TMR feed Manager1.0, your ration can be regulated to compensate for forage moisture changes etc. The program can create printed batch reports of your desired ration table. Employee management allows you to monitor operators' performance and their mixing deviations.



An efficient system with easy operation and service.



TMR / PMR is the trend

Feeding systems based on a total mixed ration (TMR) and a partly mixed ration (PMR) have become the chosen feeding method in milk production over the last decade. Implementing these alternatives can reduce labour costs, increase feed utilization, reduce digestive disturbances and generate higher, flexibility in terms of feed ingredients in the ration. A PMR feeding system can bring you more milk production, better milk quality and save concentrates cost.

DeLaval Feeding Station

DeLaval feeding systems can be provided with our feeding station and adapted to your needs; the system can distribute different quantity concentrate to different cows. It is possible to use these feeding stations as part of a PMR (partial mixed ration) system. Maximizing milk production according to the potential of each cow of your herd, with less total feed and labor cost, is a key factor to guarantee your profitability.

Partly mixed rations (50 Farms) evidence in ohio

Table 1

	Avg.	Range
Number of Cows	101	50-200
Milk production (kg/cow/day)	25.5	18-31
Milk production increase by both systems (kg/cow/day)	2.4	0.91-6.35
Time use both delivery systems (month)	31.4	1.5-66
Frequency of checking computer feeder delivery accuracy (month)	3.4	1-12
Milk fat ratio increase (%)	0.1	0.1-0.3
Concentrates saving ratio (%)	10	7-15

Special offer



Table 2

Have TMR mixer unit that is:	
Stationary mixer	66 %
Mixer wagon	34 %
Purchase TMR system first	71 %
If they can use only one:	
TMR mixer	46 %
PMR system - feeding station	54 %
Would recommends other farmers use both systems	87 %

Sub-healthy cows are not expected

DeLaval Feedtech Salt Licks S100

Trace minerals and vitamins are essential for making the cow's metabolism run efficiently, to enhance milking performance. This salt lick is available in a high-tech formulation to satisfy every cow's trace minerals and vitamins demands and is durable coated with plastic for improved handling convenience.

Special offer

Investment: output is about 4:1, net profit per cow per day gets to 3.68 Yuan RMB.

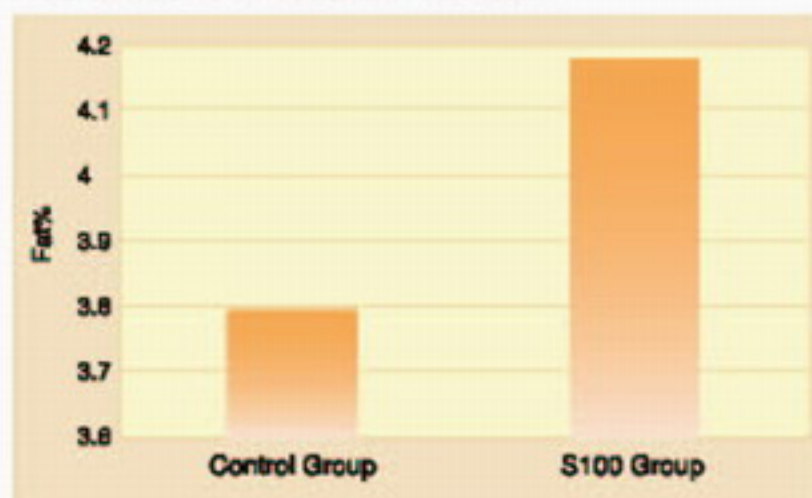
S100 contains multi-minerals and vitamin such as Fe, Cu, Co, Zn, Mn, I, Se and VE etc. Zn, Se and VE deficiency will increase the possibility to mastitis, reproduction disease and laminitis etc.



The effect of S100 on milk production



The effect of S100 on milk fat



Detail favorable policies please contact DeLaval local salesmen or service engineers.

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