

## Hosts

Jeanette, Rolf, Helena and Peter Johansson

### Details of the VMS barn

<b>Milking equipment:</b>	2 x VMS stations 1 x DeLaval DXCEM 9,700 litre cooling tank
<b>Feed management:</b>	Silage with approx. 50% clover Storage: Round bales Feed system: Tearing table and belt feeder distributor Concentrated food: 6 in no. AlfaFeed stations with 2 feeder types/stations
<b>Calf feeding system:</b>	DeLaval calf feeder CF150 for whole milk
<b>Other equipment:</b>	Manure system: Gap with flax manure removal as well as pressure manure removal in cross-culvert Storage: 3 in no. manure containers total volume 4,000 m <sup>3</sup> Fittings: 142 cubicles with rubber mats or cubicle mattresses Ventilation: Exhaust fans
<b>Recruitment barn:</b>	Old barn reconstructed for young livestock with cubicles
<b>Size of barn:</b>	Milk cow barn; 1 400 m <sup>2</sup> (built in stages) Barn with dry-off cows with insemination heifers is 400 m <sup>2</sup> , in addition there are two more departments, each of 400 m <sup>2</sup> of which one with calf feeder. The milk calves also have access to cubicles.
<b>Construction year:</b>	VMS barn of 120 m <sup>2</sup> built in 2007
<b>Building costs:</b>	Expansion for the VMS barn and the VMS units, total investment SEK 3.2 million
<b>Rolf Johansson's views:</b>	1. After the smart gate there follows a three-way gate that leads to the concentrated feed, milk pen or "soured cream". The soured cream is used for new heifers and low ranking cows. We would never want to be without it. 2. After the exit gate we have a two-way gate where we can separate out treatment cows and cows that are drying-off. It is very labor-saving. 3. All the cows are milked in the robots from colostrum up to and including dry-off. It works very well.

### Direction to the farm

From Enköping, Route 70 northwards. After 5 km, turn left at the signpost for Sparrsätra Church. After 2 km, turn right at the signpost for Hässelby. After a further 500 m, turn right at the signpost for Andersta 2.



New VMS barn with med Feed First™ set up at Andersta Gård (Andersta Farm), Enköping, 2007

The picture shows the original stalls from 1920. From 1970 and beyond an expansion has been made, in principle, every tenth year with the latest expansion being for 2 VMS units.

VMS = Voluntary Milking System



### Information about the farm

<b>Name of farm:</b>	Andersta Gård
<b>Owners:</b>	Jeanette, Rolf, Helena and Peter Johansson
<b>Address:</b>	Sparrsätra Andersta, SE - 745 95 Enköping
<b>Contact person:</b>	Rolf Johansson
<b>Area:</b>	140 hectares (346 acres) fields, 70 hectares (173 acres) of pasture including rented area, 110 hectare (272 acres) of forest

### Milk production

<b>Number of cows:</b>	160
<b>Yield:</b>	9 600 kg ECM
<b>Recruitment:</b>	200 animals
<b>Number of milkings / day / cow:</b>	2.35
<b>Milk volume / day / cow:</b>	27 kg
<b>Number of inseminations/gestations:</b>	1.5
<b>Calving interval:</b>	Ca 13 months
<b>Age of heifers at calving:</b>	30 months

# Some pictures from the VMS barn at Andersta, Enköping



The VMS barn in a glazed tile, light space.



6 in no. AlfaFeed-stations fitted together for the FeedFirst™-system.



Smart separation gate for feeding or milking.



From the office there is an overview of the VMS units.



On the way to milking.



Cow brush used diligently.



Storage of round bale silage.