

ONLY STRONG CALVES GROW  
INTO STRONG COWS.



**40FIT**  
TECHNOLOGY

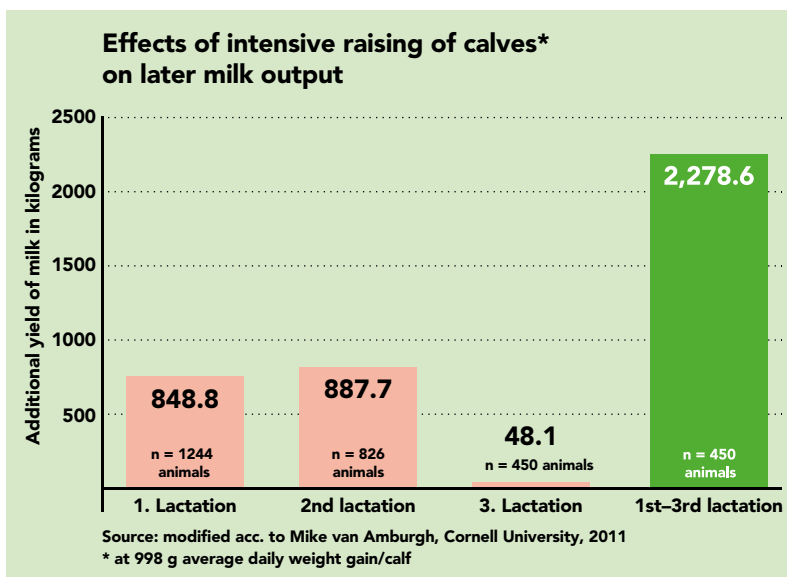


# MAXIMUM HEALTH, FOR MAXIMUM MILK YIELD.



Intensive calf feeding in the first weeks after birth has a positive effect on vitality, fertility, output and lifespan of the animal as a grown cow. Up to the fortieth day of the calf's life, the founda-

tions are laid to ensure that the genetic potential can be fully exploited. As a specialist in calf feeding, Förster-Technik offers you the 40FIT Technology: innovative products and concepts that optimally support the growth of your calves at this crucial stage and can also be used in existing calf feeders. This creates the perfect conditions for healthy, high-yielding, long-living cows and more efficient dairy farming.



Feeding in the early raising period influences the yield profile more strongly than breeding does.

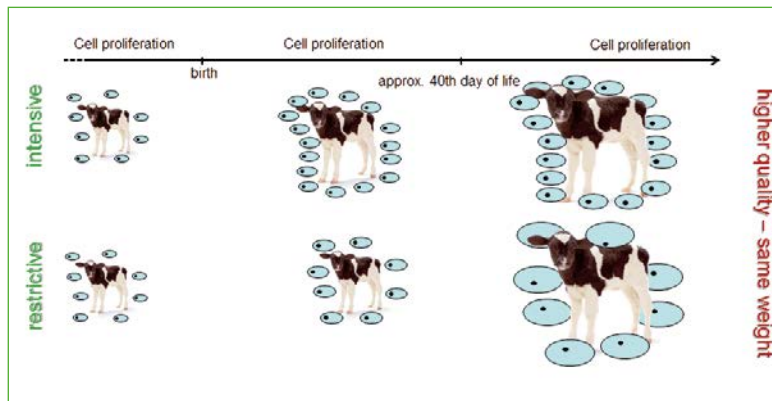
The first 40 days of life are so important because that's when tissues and organs grow as a result of cell division. After that it's cell volume that grows rather than the number of cells. The foundation must be laid in this early phase of life to achieve high lifetime yield. Metabolic programming (rate) is also determined in this period, with life-long effect.

#### The first few hours are key.

A calf comes into the world defenseless, i.e. it has no own defenses, so-called antibodies, to protect it against diseases. The fast supply with sufficient antibodies is therefore vital for survival. Accordingly, calves should get their first colostrum feeding no later than four hours after birth, even at birth in the night.

#### ColostroFIT for a strong start

To provide your calves with high-quality colostrum immediately after birth, Förster-Technik offers ColostroFIT, a simple and secure system for ideal colostrum management.



The ColostroFIT-system allows you to easily and safely fill, pasteurize, store and administer the colostrum.

#### ColostroFIT components

- ColostroBAG, an aluminum 3.8L bag for pasteurizing, storing and administering colostrum; with threaded cap and connection for nipple or drencher.
- ColostroMAT, a compact and user-friendly device for pasteurizing and gently warming colostrum in a water bath.



FIT with colostrum



Handy & compact

# CALFRAIL. NO MORE LUGGING BUCKETS.



During the first approx. 14 days of life calves are normally housed in individual pens. Especially in these first weeks a frequent feeding according to the 40FIT-Technology is crucial. At that age feed conversion is even better, so that a higher feed intake allows a better start in life.

With manual and mechanized bucket feeding, intensive raising of calves in individual pens is not feasible for cost reasons. CalfRail 2.0 is a proven technical solution for the automated animal-specific feeding of up to 128 individually penned calves in small, freshly prepared servings up to eight

times a day. This sets the stage for maximum growth, optimal feed utilization, optimal ruminant growth and sustained output.



**Only one calf feeder for CalfRail and the groups**

**Flexible usability**

One CalfRail unit can supply up to 32 individually penned calves. The automatic feeder is able to control up to four CalfRail units, thus in total 128 calves can be fed using one single calf feeder. Combined individual and group pen raising is possible as well.

Animal control and care can be flexibly integrated into the workflow. The calf feeder delivers the information required for optimum calf management (e.g. feed consumption and drinking speed) at the push of a button. The data from the individually penned calves are of course taken over to group housing and are also available on your smartphone, tablet and PC via the CalfManager software.

**Optimal hygiene**

Automatic cleaning before and after every feeding cycle reduces work considerably and ensures optimum hygiene. Outside of feeding times there is no milk in the system, leaving no environment for microbes to grow. An optional teat cleaning feature can be employed to spray off the teat externally with liquid after every calf feeding.



**Clean up to the top**



**Easy & comfortable calf training**

# MODERN CALF MANAGEMENT WITH VARIO smart & COMPACT smart



## Smart technology

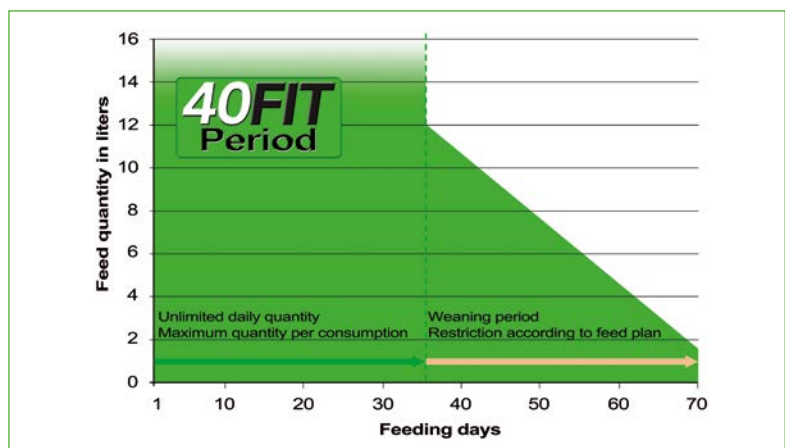
Förster-Technik is setting new standards in intensive calf raising with its 40FIT plan, the temperature-controlled feeding, a user-friendly CalfApp and the access to the CalfCloud. The new calf feeders **VARIO smart** and **COMPACT smart** come standard with these features enabled.

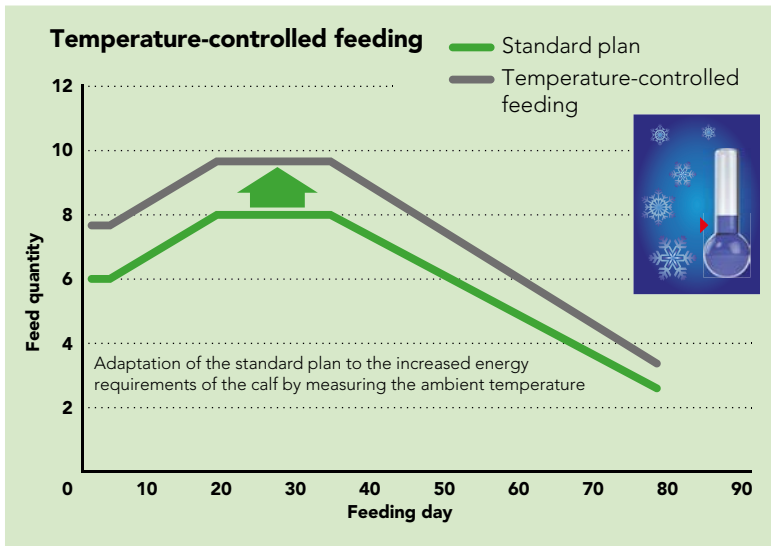
## The 40FIT-plan

The 40FIT plan is a new feeding plan that is tailored to intensive raising. The plan is devised around the insight that the first few days of a calf's life require a particularly intensive feeding

phase: the 40FIT period. During this time the calf is provided whatever feed quantity is considered physiologically optimal. The subsequent weaning phase is controllable based on age, so-

lid feed intake or weight gain. Together with a 40FIT consultant you can adapt the 40FIT plan to your individual feeding strategy. This plan is then transferred to the calf feeder, which ensures





reliable and accurate feeding. The optional automatic calibration system relieves you of the effort of regular calibration by ensuring precise adherence with the specified feed concentration in fully automated fashion.



Transferring the 40FIT plan via SD card.

### Temperature-controlled feeding

During low winter temperatures your calves need a lot more energy to keep their thermoregulation and immune systems up. Temperature-controlled feeding ensures that these increased demands are met. A temperature sensor installed by Förster-Technik in the MultiReader identification measures the ambient temperature. If below a defined threshold, the calf automatically receives either a higher amount or a higher concentration of feed. This can be set individually on the calf feeder.

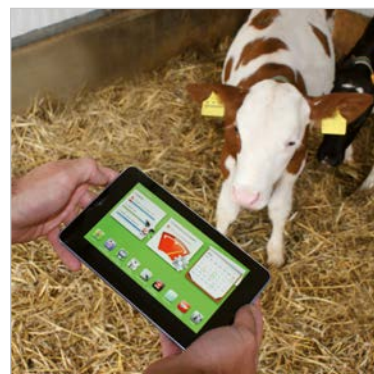
### Animal-specific weaning

There are great differences in individual animal development in a calf's young life. These can be managed using concentrated feed and weight-dependent liquid feed reduction. The automatic feeder knows the daily portion for each one of your calves and gives them everything they

need. Up to 12 feeding times can be distributed at equal intervals throughout the day. This optimally meets your calves' nutritional and physiological needs. This creates the perfect conditions for healthy, high-yielding, long-living cows and more efficient dairy farming. For every animal is different.

### CalfApp & CalfCloud

Modern calf rearing in the spirit of 40FIT-Technology means to intensively feed and care for the calves along the lines of nature. The latest technology will lower your daily routine work and fixed care times. Förster-Technik consistently focuses on apps and the Internet, to provide information from anywhere and at any time. You carry all important data on your smartphone with you, without long training times or the need of using different screens. Thus, the calf care is oriented towards your daily schedule – and not vice versa.



All animals in view via the CalfApp

# OUR 40FIT PARTNERS

For the feed:



[www.baywa.de](http://www.baywa.de)



FÜTTERN MIT SYSTEM

[www.bergophor.de](http://www.bergophor.de)



[www.denkavit.de](http://www.denkavit.de)



[www.grobernutrition.com](http://www.grobernutrition.com)



[www.lolmilkreplacer.com](http://www.lolmilkreplacer.com)



[www.sano-online.de](http://www.sano-online.de)



[www.schilsholland.de](http://www.schilsholland.de)



**serval**

Well-being and performances

[www.serval.fr](http://www.serval.fr)



[www.sprayfo.de](http://www.sprayfo.de)

For animal health:



[www.qexperten.de](http://www.qexperten.de)

For the technology:  
The leading manufacturers  
of milking equipments

[www.foerster-technik.de](http://www.foerster-technik.de)

## 40FIT-Technology:

### Common success

Only when technology and feed are perfectly matched, the success of 40FIT-Technology comes into play properly. Because of this, Förster-Technik has partnered with the leading suppliers of milk replacers and consulting services to offer farmers a well-tuned feeding system. Thus, the first weeks of life turn into the best possible start for the future high-yielding cow.

## Förster-Technik GmbH

Gerwigstr. 25  
D-78234 Engen  
Tel.: +49 (0) 7733 9406-0  
Fax: +49 (0) 7733 9406-99  
E-mail: [info@foerster-technik.de](mailto:info@foerster-technik.de)  
Internet: [www.foerster-technik.de](http://www.foerster-technik.de)

Technical changes reserved (as of 11/2014).  
48419 40FIT brochure English



**FÖRSTER  
TECHNIK®**  
**Automatisch besser.**