The smaXtec pH Plus Bolus provides you with the following functions and benefits:

- **Higher milk yield**
  Through improved feed uptake and animal health

- **Extended health information**
  Less medication and lower treatment costs due to early detection of onset of illness

- **Unique fields of application**
  More analysis options provided by the unique combination of pH, temperature and activity parameters

- **Monitoring and support of rumen health**
  Valuable information about rumen health acts as the basis for improving the health of the entire herd

- **Feed management design**
  Needs-based ration design (monitoring of ration changes, feed selection)

- **Increased feed efficiency through improved feed conversion**
  Improved feed efficiency results in savings on feed

The smaXtec pH Plus Bolus measures pH, activity and temperature at 10 minute intervals and provides you with a comprehensive overview of your animals’ development.
**Feed management**
- Ensuring needs-based feeding
- Monitoring of feed supply

**Rumen health**
- Continuous monitoring of rumen health
- Early detection of rumen acidosis and off-feed syndrome

**Feed efficiency**
- Identification of inefficiencies indicated by unstable pH values
- Management of feeding costs

---

**Proactive herd management with smaXtec pH Plus Boluses**

Why do you need to measure the pH value?

- **Feed costs** account for *70% of production costs* – this is a major cost factor and cannot be left to chance
- Needs-based feeding is essential for **cost efficient production**
- **Rumen pH value** is gold standard and immediately indicates changes in feeding via **continuous measurements**

- pH value is the only parameter that enables reliable and early **detection of rumen acidosis**
- **Rumen acidosis** is very common in modern dairy herds and often triggers other disorders (e.g. off-feed-syndrome, mastitis, ketosis, reduced fertility)

The rumen pH value is highly sensitive and is the only value that enables immediate conclusions to be drawn about feeding.

In contrast to the smaXtec Classic Bolus, the **smaXtec pH Plus Bolus** only needs to be administered to a few animals.

It is sufficient to equip 6–10% of the cows in order to gain comprehensive information about the feeding status and rumen health of your herd.