

SarTec®

Computerized Grain Conditioning Technology

The **SarTec** Computerized Grain Conditioning System employs patented, cutting edge technology that provides a customer with unprecedented quality control. The **SarComputer** is the central processing unit of the system. The **SarComputer** receives and transmits data to control the various support pieces of equipment. The modem allows remote monitoring and on-line adjustments to reduce downtime and maintenance trips to the feedyard. The heart of the system is the **SarMeter**. Here, the fluid system is coordinated. The water flow is monitored and adjusted, **SarTemp** levels are controlled and **SarTemp** is injected and mixed into the water.

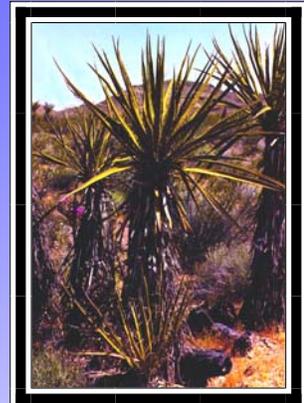
- ◆ Grain Flow Weighing Device has 99% Accuracy
- ◆ Incoming Grain Moisture is Continuously Monitored
- ◆ SarTemp Tank Level and Usage is Monitored Daily
- ◆ Bi-monthly Reports Detail All Grain Processing Information

SarTemp®

University verified feeding benefits
and a powerful natural wetting agent.

- ◆ **SarTec** holds 5 U.S. patents on **SarTemp** and its grain conditioning equipment.

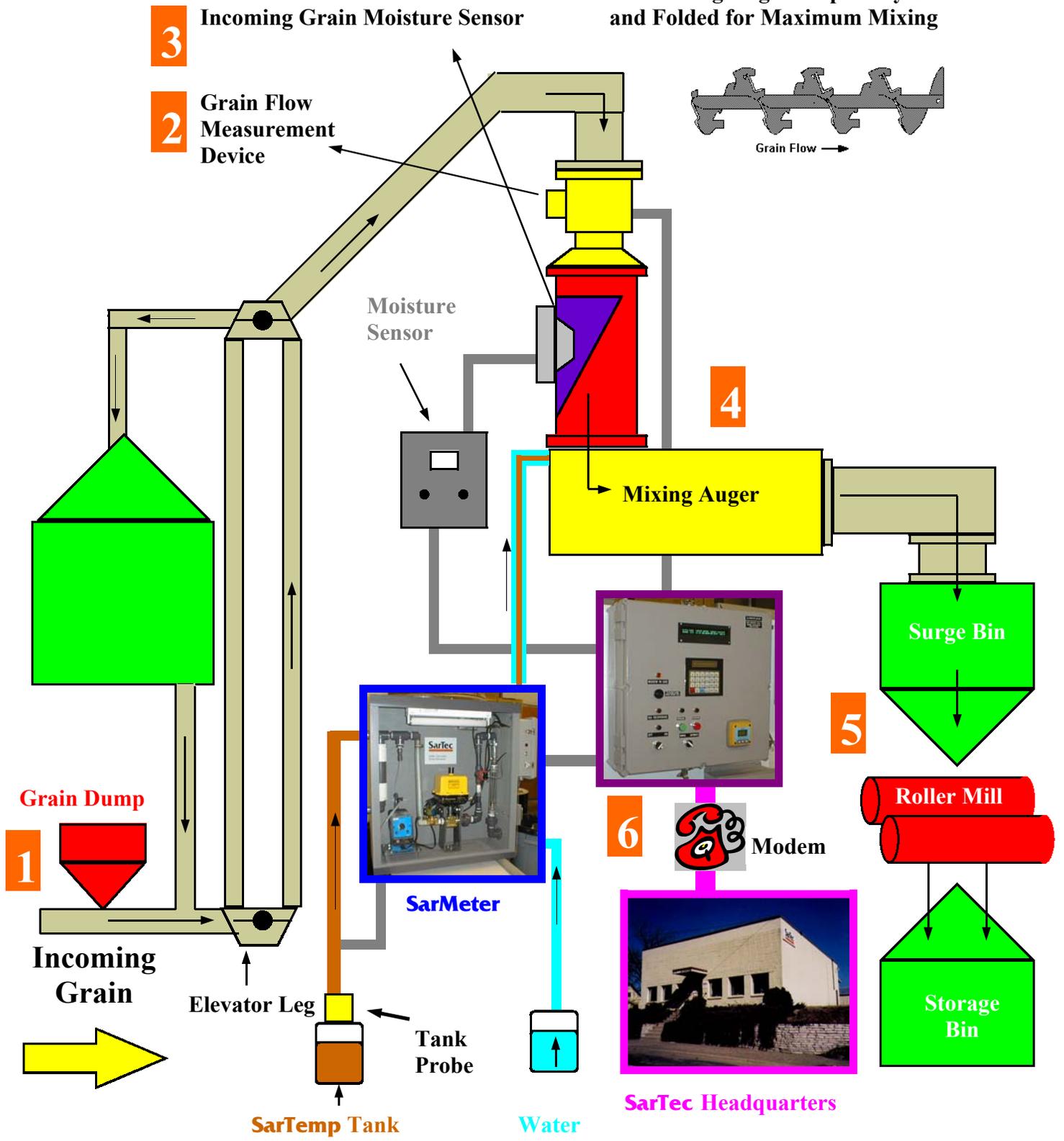
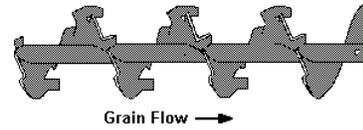
Call 1-800-472-7832 to get the benefits of formulated yucca in your ration today!



SarTec's Computerized Grain Conditioning System

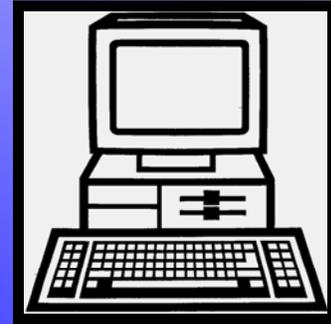
- 1** Incoming grain is usually dumped from a truck and transported to a storage bin.
- 2** Grain is then legged from the storage bin through a grain weighing device that measures the grain flow to within 1% of the actual value.
- 3** The grain is then passed over a continuous moisture sensor that has a patented grain cleaning system.
- 4** The grain is then dropped into a mixing auger that has been modified with cuts and folds or has mixing bars. Water is added at the start of the mixing auger along with **SarTemp** delivered from the **SarMeter**, which is controlled by the brain of the system, the **SarComputer**.
- 5** After the water and **SarTemp** is added to the grain it is then typically dry-rolled or steam flaked and placed in a final storage bin before feeding out.
- 6** The **SarComputer** is called on a daily basis from **SarTec** Headquarters to download each day's processing information. This information is then used to provide the feedlot with a bi-monthly report, which assures that the proper level of **SarTemp** is always added to the processed grain.

The Mixing Auger is Specially Cut and Folded for Maximum Mixing



On-Line Modem Service and Monitoring

SarTec Automated SarComputer Interrogation (SASI)



**SarTec
Headquarters**

SarComputer at Feedlot

- ◆ On-line control allows for **SarTec** personnel to optimize operations from **SarTec** headquarters and monitor **SarTemp** application rate and **SarMeter**

SarTec[®]

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Visit our new World Wide Web Site:

<http://www.sartec.com>

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- ◆ Read about feeding trials conducted on **SarTec** products

