

Antifoam Control Programs

- Food and Beverage

CiDRA[®]
Chemical Management
Application Note

WE DELIVER SIX FIGURE SAVINGS.....

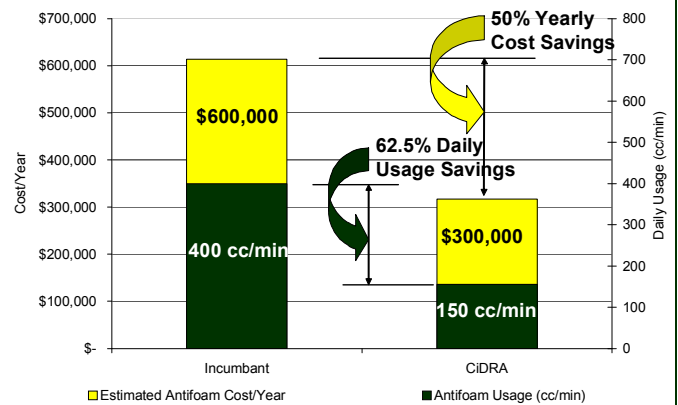
Do You Manage Process Foam?

What is your Antifoam Dosage Based On?

If your antifoam program is not based on patented real-time non-invasive air measurement technology, read this.

The results seen at right were achieved in a wet grain milling application by applying the CiDRA automated antifoam program. These savings were gained through the elimination of waste...wasted antifoam used when it was **not** needed.

The CiDRA automated antifoam program will provide visibility into your process - visibility not available to you before. This visibility will allow you to eliminate wasted antifoam and wasted money.

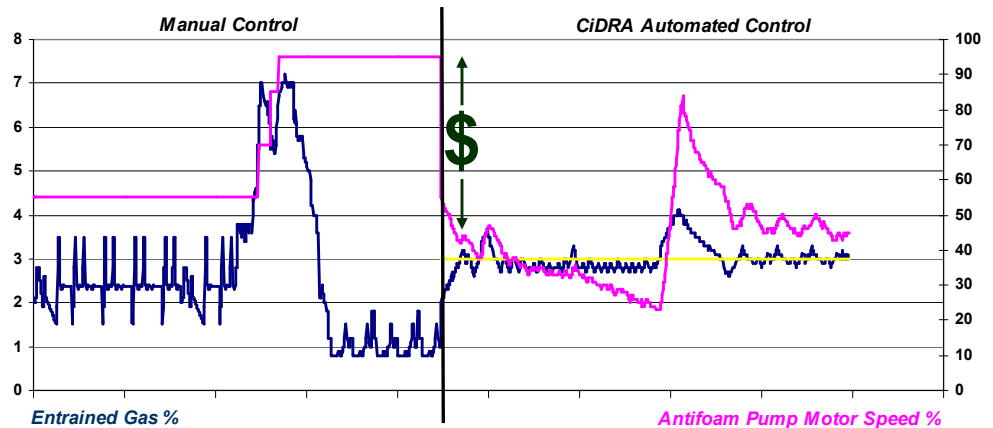


Use only what you need when you need it...

24/7 Real time automated antifoam control.

The automated antifoam control program from CiDRA provides continuous air monitoring and control for your antifoam applications. This insures that you only use the amount of antifoam that you need, when you need it.

Could your process benefit from the improved control seen in this graph?



Our customers work with CiDRA on their need to reduce antifoam cost, but many times find that the improved process visibility provides benefits to them that far outweigh the captured antifoam savings. Processes can see improved efficiency, cleanliness, and safety, along with reduced variability and product waste.

Allow a CiDRA representative to custom design an automated antifoam program for your process. **We deliver six figure savings with no capital investment.**

"The ability to Measure/Control process air in an accurate/reliable manner should be considered Best Practice and a component of any World Class Antifoam Management Program."

*Plant Manager
Current CiDRA Customer*

SONARtrac[®] Solutions

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Wallingford, CT 06492
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What the CiDRA Antifoam Control Solution looks like...

The diagram at right demonstrates the way in which the CiDRA automated antifoam program is implemented in most processes.

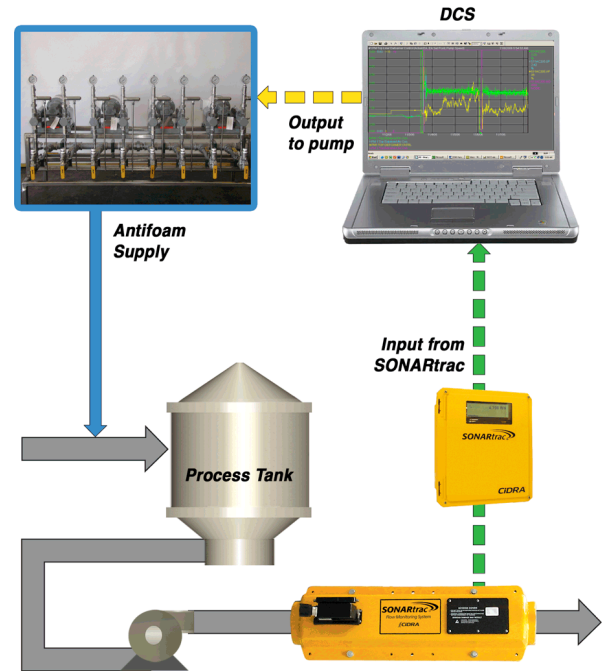
The SONARtrac meter is installed on the process pipe. This meter continuously measures the amount of gas entrained in the process liquid passing through the pipe and sends this information to the customer's Digital Control System.

The customer's DCS then compares the level of gas or "air" measured to an established target "air" level.

The DCS will then tell the antifoam feed pump to feed more or less based on this information.

This process is continuously updated to insure the proper amount of antifoam is being sent to maintain entrained gas or air at target levels.

Antifoam Management System



SONARtrac Solution Deliverables

A combination of unmatched monitoring technology and a wide range of antifoam chemistries provide:

- **Reduced Antifoam Cost**
- **Process Variability Reduction**
- **Increased Process Efficiency**
- **Increased Production**
- **Improved Process Sanitation**



CiDRA SONARtrac Parameters and Options

- Fits pipe sizes 2" to 48" diameter
- Compatible with Steel, Plastic, Fiberglass pipe
- Sample stream configuration also available
- 2 4-20mA inputs / outputs

CiDRA Antifoam Chemistry Options

- Mineral Oil
- Vegetable Oil
- Ester Based
- Silicone Based
- Surfactant Based
- Water Extended Formulations
- Green Formulations
- Natural Formulations
- Concentrates

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