



ECOLAB PEST ELIMINATION, FUMIGATION & SPECIALTY PEST SERVICES

PRESENTED BY:



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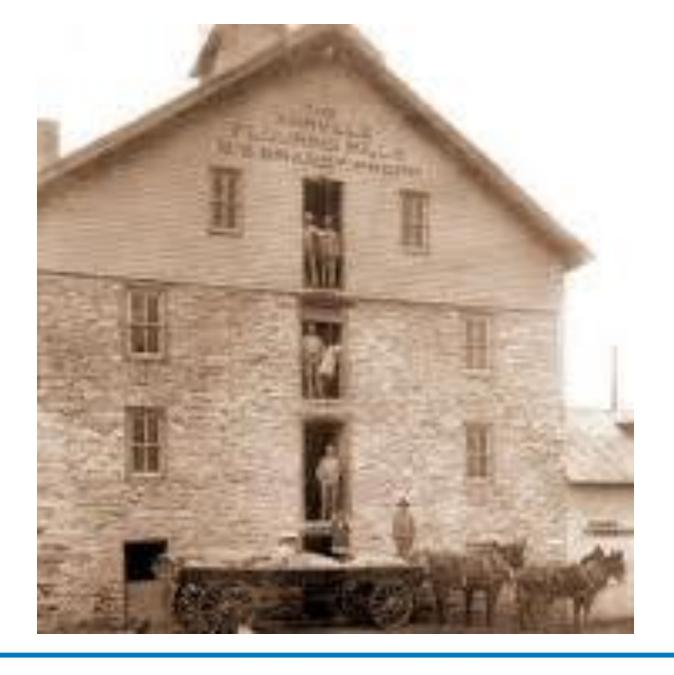
AGENDA

- What's changed
- Reasons for hesitation
- Fumigation: A Useful Tool
- Take Away's
- Questions





WHAT'S CHANGED





MB TO SF 2005

Fumigate Changeover

- The Montreal Protocol, finalized in 1987, this was a global agreement to protect the ozone layer by phasing MB.
- This phase out provided a pathway for SF/Profume introduction to the Milling Industry 2005
- Profume has become the dominate fumigant of choice





FSMA 2013/2014: ENFORCED 2016

- FSMA / Food Safety
 Modernization Act, which the
 United States Congress passed in 2013.
- FSMA has increased oversight and accountability for all food producing facilities.
- With FSMA in place, FDA has moved toward a preventionoriented system including pest management systems.





INCREASED PRODUCTION DEMANDS

- 2020 saw 425.338 million cwts, up 0.7%, from 2019.
- Third largest yearly total on record.
- Difficult to justify downtime for sanitation and maintenance.





DEMOGRAPHIC CHANGE IN WORKFORCE

- Highly data driven workforce.
- Fumigation in some cases is a last resort and could be viewed as failure by some.
- Fumigation is not taught as part of an overall mill or product protection strategy









FUMIGATION IS A USEFUL TOOL

Proven Results

Realtime Monitoring

Ability to adjust at a moments notice.

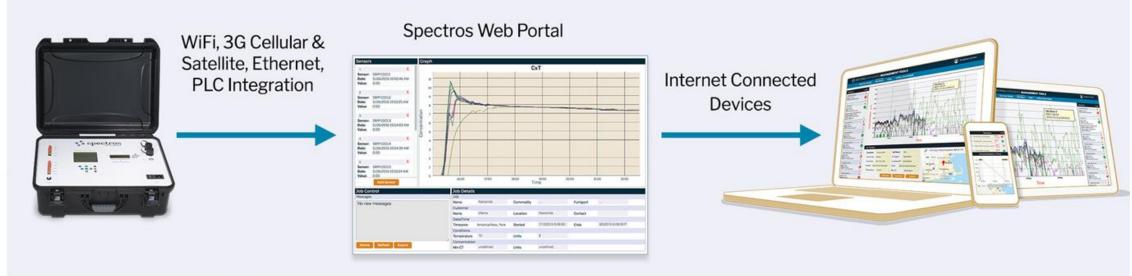
Reaches insect harborage areas with ease

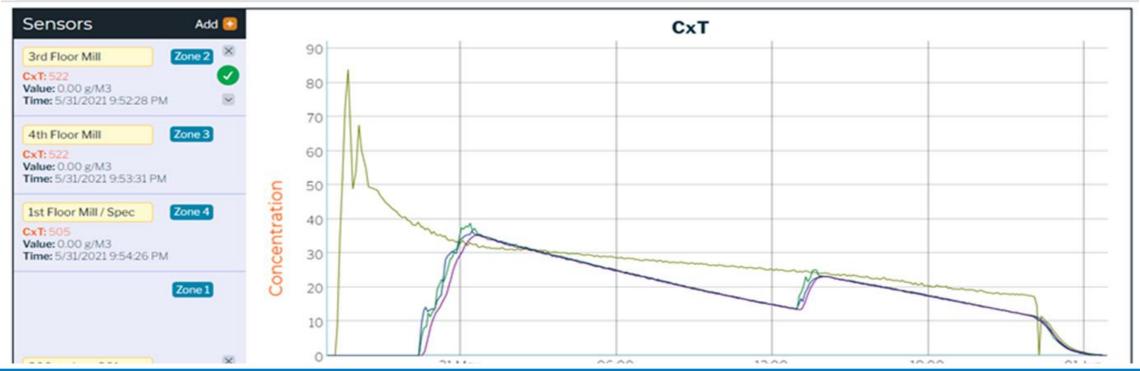
Efficacy on all life stages

Delivery of detailed post fumigation report











FUMIGATION IS A USEFUL TOOL

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Realtime Monitoring

Ability to adjust at a moments notice.

Reaches hard to clean insect harborage areas with ease

Efficacy on all life stages

Delivery of detailed post fumigation report

Safe

Minimum calculated dosages

Nonflammable fumigant

No effects on equipment or digital components

Labeled for and safe on food







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No effects on equipment or digital components

No Residue

Real Value

Zero pest reset

FISMA / Audit compliance

Flexible schedule

Limited downtime (Pulse)





TAKE AWAYS

- 1) We understand the challenges
- 2) Useful tool
- 3) Real value
- 4) Don't Hesitate!





QUESTIONS?

THANK YOU

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