

AS GOD IS IN THE DETAILS, THE SAVINGS ARE IN YOUR PRODUCTION DATA



Decisions, decisions, decisions

Livestock production is a never-ending series of decisions to be made pertaining to all the factors that influence the growth, health and quality of each individual chicken that goes through the production process.

- The best production decisions are the ones that use the least resources possible to achieve the best results possible.
- Each good decision will generate savings. Each bad one will create some kind of loss.

Now, multiply those savings or losses by the number of birds that go through one barn each month of the year. Then multiply that figure by the number of barns in a given operation and one begins to have an idea of the importance of making sure those optimal decisions outnumber the bad ones. This is key if one wishes to stay in business...

Livestock Production Analytical Tools contribute to achieving performance targets with accuracy and consistency.

Livestock barns and production buildings are equipped with sensors such as water and feed meters that generate data on the state of production and the animals' health.

With Livestock Production Analytical Tools, that data coming from these sensors is fed on a continuous basis to be read, stored in servers and analyzed to tell the producer if the birds are healthy and in line with expected performance.

- Is the lighting schedule optimal?
- How about the growth curve in the barn that day?
- Is there a link between different ventilation systems/settings and my production results?

A FEW EXAMPLES



Air quality

Let's use "air quality" as an illustration.

By cross-referencing the birds' weight and the carbon dioxide levels provided in real time by the analytical tools, a grower will realize that the dip he sees in the growth curve may be linked to the abnormal level of carbon dioxide in the air.

Why? With Analytical Tools, the grower gets a better representation of what is happening in the barn, instead of viewing random raw data.

The best analytic solutions do not provide more data, but a clearer picture.

With better visibility, the grower can respond immediately by adjusting the ventilation or taking other actions that will restore the growth curve to its normal progress.



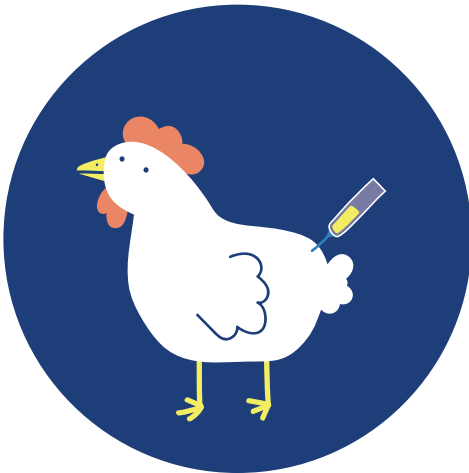
Feed related expenses

Quantities of feed to be consumed by each flock must be estimated with utmost accuracy, given the cost of the feed, delivery expenses and storage.

Analytical tools help the grower better estimate feed consumption based on actual rate of consumption and will aid in creating a more efficient delivery schedule to reduce waste and feed outages.

When feed outages occur, bird health can suffer. This affects their value - some birds might even die. The insights provided by the analytical tools contribute to prevent these feed outages, and the ensuing losses in value and condemnations.

Add to that the higher costs of out-of-sequence or overtime deliveries and the savings can be very significant.



Vaccines and medication

The best data analytics solutions allow for the monitoring of various parameters pertaining to bird health in real-time. This allows for appropriate, timely adjustments that can make a big difference in achieving weight targets, reducing condemnation and improving the quality of each flock.

The real-time capture, analysis and interpretation of data generated by livestock production activities is the next step in profitability optimization for the livestock industry.

Just like automation changed the processing activities of the industry some years back, livestock production analytics will be the next revolution. It's happening right now.

LIVESTOCK PRODUCTION ANALYTICS

Good stuff happening:

- Targets met
- Savings are generated
- Losses avoided
- Premiums achieved

Bad consequences averted:

- Failing to meet target
- No explanation for poor performance
- Loss of revenues
- Higher than expected feed cost

To learn more about Livestock Production Analytical Tools and discuss whether your operation could benefit from these solutions, please go to :

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or contact your Intelia representative



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