FROM TECHNOLOGY TO AGRICULTURE AND SAVING THE WORLD



Meet Metha.ai, one of the five ag-tech companies that is part of the 2023 CoLAB Accelerator, which is our 90-day program to grow up-and-coming ag-tech companies!

Have you ever thought about cows burping? Well, in case you haven't, Dr. Yaniv Altshuler has – and he's on a mission to provide technology to dairy farmers around the globe to help with ... you got it, managing cow's burps!

As the founder and chief executive officer of Metha.ai, Yaniv began his work on artificial intelligence (AI) equipment to help cows go green. He combined his experience and knowledge of technology with his local Israeli dairy farmers knowledge of cows.

"With a Ph.D. in computer science, the agriculture field was far from my sight," Yaniv says. "However, I've been in the technology space for twenty years, and I believe that now is the time to combine AI with sustainability."

When cows burp, they release energy, in the form of a potent green-house gas known as methane. That energy that leaves the cow through an eructation (medical term for a burp) could have been used to produce more milk. That wasted energy equates to potentially 14 billion gallons of lost milk each year!

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To help solve this issue, dairy farmers have been using feed additives for years, and companies have been trying to develop solutions to reduce or eradicate cow burps— the problem is that we don't know which herd needs which additive.

Enter Metha.ai – a team with novel technology based on research from The Massachusetts Institute of Technology, that uses AI to tell farmers what additives could work for their herd and which likely would not. This helps to produce more milk at a higher efficiency and greater quality, which allows farmers to save money by focusing on the feeds that work best while reducing methane emissions.

What DFA means to this team

"If you want to save the world, you work with the largest players – for me, I needed to collaborate with Dairy Farmers of America (DFA), a large player in the dairy industry and a leader in the innovation and sustainability realm," Yaniv says.

Walking into DFA's headquarters office in Kansas City, Kan., and seeing individuals dedicated to delivering value to dairy farmer-owners, Yaniv's pursuit in the CoLAB program peaked.

"With DFA's goal of reducing emissions, I saw an organization already putting their time, effort and talent into something I was working on as well. DFA's goal is my goal," Yaniv says.

It's safe to say that Metha.ai is on the path to help save the world with dairy farmers – and with DFA's support, Yaniv says he is confident that his work will expand and be championed by individuals committed to adopting technologies to make positive changes.

To learn more, check out Metha.ai's website.