



# SECOND ANNUAL SOYBEAN RESEARCH FORUM & THINK TANK

INDIANAPOLIS, IN | JULY 12-14, 2022

# MOVING FROM OPPORTUNITIES TO INNOVATION

Representatives from state, regional, and national soybean checkoff organizations, land grant institutions, large and small companies, and federal agencies all gathered for the second year to think and discuss how the research community can drive the soybean industry forward and help farmers thrive in the face of new challenges and opportunities. The theme of the 2022 event was 'Moving from Opportunities to Innovation' and the key goal was to examine soybean research opportunities and solutions that span the value chain – breaking down some of the traditional bins and silos between “production research” and “new uses research”.

Four areas that addressed “new” or “emerging” opportunities for soybeans were discussed. The primary goal of this meeting was to identify trends, challenges, and opportunities for each of the topics addressed and then move from opportunities to specific strategies that could be explored by the US Soybean Research Collaborative and other groups as prospects for future research. Below is a summary of strategies captured from participants at the event.

## AQUACULTURE

1. Work to ensure there are certification protocols that meet aquaculture requirements
2. Increase demand from aquaculture (education among consumers)
3. Build infrastructure to support IP opportunities
4. Integrate teams to include representatives across the value chain to deliver on needs of industry

feed

fuel

## RENEWABLE DIESEL

1. Alter soy profile to optimize for fuel markets
2. Build infrastructure/logistics to support value-add/IP opportunities
3. Increase demand/Compete against EV
4. Continue to build on the soy sustainability story
5. Find uses for soybean meal and processing byproducts

## COMMON STRATEGIES

- Build research teams that include representatives across the value chain to ensure we are delivering for the end users.
- Explore building infrastructure to support identify preserve and traceability within the supply chain.
- Use data to demonstrate the carbon intensity and sustainability metrics of soybean production.
- Develop platforms that allow innovators to connect with farmers to bridge the gap between these parties.

## PLANT PROTEIN

1. Improve Taste/Texture/Allergenicity
2. “Sell” Soy Benefits to increase demand
3. Build infrastructure to support IP opportunities
4. Whole Farm approach to increase soy yields/profitability

food

tech

## TECHNOLOGY

1. Build training and mentoring Programs to increase adoption of new technologies
2. Connect innovators to farmers
3. Explore role of commodity groups in vetting technology
4. Demonstrate benefits to consumers with data

While these emerging markets were the focus this year, this by no means we should neglect more traditional markets or limit ourselves to these areas. They were chosen because they can serve as “model systems” as to how to help drive value in the future.

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