

## Sampath Jayasinghe

## Senior Research Analyst



### Contact

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Connect:  

### Education

**Ph.D. In Economics (ABD)**,  
Iowa State University  
**M.S. In Economics (course work only)**,  
Iowa State University  
**M.Sc. In Agricultural Economics**,  
University of Guelph, ON, Canada  
**B.Sc. (Hons) in Agricultural  
Economics**  
University of Peradeniya, Sri Lanka

As Senior Research Analyst, Sampath Jayasinghe is responsible for understanding clients' data challenges, proposing potential solutions and working with clients to implement the appropriate research instrument to aid their decision-making processes.

Sampath's research involvement has been in the areas of international trade, agricultural and environmental policy analysis and empirical corporate finance. Sampath has authored several articles that have been included in refereed journals such as the American Journal of Agricultural Economics, the Review of Agricultural Economics, Agricultural Economics and the Journal of Environmental Quality.

### Recent Experience:

**Estimation of Identity Preserved (IP) Non-GM Soybean U.S. Export Demand**, competitive grant from the U.S. Soybean Export Council, 2012-2013. The results of this study show a statistically significant positive relationship between the U.S. IP Non-GM soybean exports and price premium indicating price premiums offered to growers in the U.S. for IP Non-GM soybeans play an important role in the export market.

**Market Competiveness of Soybean Meal in Livestock Rations**, competitive grant from the U.S. Soybean Board, 2015-2018. The results of this study show broilers, layers, turkeys, and hogs place a premium on essential amino acids, particularly for lysine in soybean meal (SBM). If SBM were to contain 5 percent more digestible lysine, broiler producers would theoretically be willing to pay up to approximately 127 percent more for SBM, layer producers would theoretically be willing to pay approximately 17 percent more for SBM, hog producers would theoretically be willing to pay approximately 75 percent more for SBM.

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### Areas of Expertise

- Agricultural, Environmental and Natural Resource Economics
- Energy Economics
- International Trade
- Industrial Organization
- Applied Econometrics

**Estimation of Soybean Meal Consumption in the U.S. Animal Agriculture**, competitive grant from the U.S. Soybean Board, 2015-2018. The results of this study show during 2014, animal agriculture consumed 27.9 million tons (MT) of soybean meal (broilers: 11.2 MT, hogs: 7.9 MT, Dairy: 2.7 MT).

**Relationship between Farm Profitability and State Government Revenue**, competitive grant from Iowa Soybean Association, 2015. The results suggest that a ten percent increase in current net farm income in Iowa is likely to increase the current year state total tax receipts in Iowa by approximately 5.5 percent.

**Authorship of Renewable Energy Report, Agricultural Marketing Resource Center at Iowa State University, 2016-2017**, competitive grant from Iowa Grain Quality Initiative, Iowa State University. <http://www.agmrc.org/renewable-energy/renewable-energy-climate-change-report/renewable-energy-climate-change-report/>

### PUBLICATIONS:

Sarker, R., and Jayasinghe, S., "Regional Trade Agreements and Trade in Agri-food Products: Evidence for the European Union from Gravity Modeling Using Disaggregated Data," *Agricultural Economics*, Vol. 37 no.1 (2007): 93-104.

Jayasinghe, S., and Sarker, R., "Effects of Regional Trade Agreements on Trade in Agri-food Products: Evidence from Gravity Modeling Using Disaggregated Data," *Review of Agricultural Economics*, Vol. 30 no.1 (2008): 61-81.

Jayasinghe, S., Beghin, J., Moschini, G., "Determinants of World Demand for U.S. Corn Seeds: The Role of Trade Costs", *American Journal of Agricultural Economics*, Vol. 92 no. 4 (2010): 999-1010.

Jayasinghe, S., Miller, D., Hatfield, J., "Evaluation of Variation in Nitrate Concentration Levels in the Raccoon River Watershed in Iowa", *Journal of Environmental Quality*, Vol. 41 no. 5 (2012): 1557-1567.