Agricultural Analyst, Livestock Analyst

Overall responsibility: Provide technical advice on economic trends within the agriculture industry as relates to livestock insurance and risk management. Plan, design and conduct research to assist in analysis of reinsurance accounts or in aid of new product development. Position reports to the SVP for the Agricultural team.

List Duties and Responsibilities:

- monitor economic changes within livestock industry
- devise methods and procedures for obtaining data
- understand sampling techniques
- create and use various econometric modelling techniques
- apply models of economic behaviour to livestock pricing, disease outbreaks, and livestock disease indemnity design
- model fluctuations in various livestock markets
- work with epidemiological disease spread models
- knowledge of disease surveillance, control and mitigation
- formulate recommendations

Key role interactions

- Communications: ability to communicate technical information to non-technical people
- Prepare technical reports and statistical charts
- Decision-making within interdisciplinary team

List Qualifications:

- BS in Agricultural Economics, graduate degree preferred.
- Looking for specialization in livestock industry, including production economics, agriculture development, operational research, commodity pricing and disease.
- Advanced statistical, epidemiologic and modelling techniques.
- Statistical background with strong technical, data analysis and problem solving skills
- Skilled at accessing, utilising and analysing data. Access to private data through academic or professional affiliations would be considered an advantage
- Knowledge/use of various models and mapping programs
- Focus on avian influenza and salmonella.
- Experience with econometric models in terms of analysis, forecasting, and disease outbreak scenarios.
- Highly motivated with the ability to work independently whilst also part of a global team
- Excellent communication skills, both written and verbal
- Demonstrates a high level of integrity and trust