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## **Risk Analysis for Agricultural Cooperatives**

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*Selected Poster prepared for presentation at the Southern Agricultural Economics Association (SAEA) Annual Meeting, Orlando, Florida, 3-5 February 2013.*

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Abstract:

Grain/fertilizer volumes are major risks for grain/supply cooperatives followed by fertilizer and fuel margins. Operating losses force stock write downs (22% probability) and negative cashflow (15% probability). Decisions on cash and stock patronage, infrastructure investment, and equity retirement improve member returns but increase stock write downs and negative cashflow probability.