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Supplier Selection in the Processed Food Industry under Uncertainty

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Highlights

- We present a stochastic programming model for supplier selection.
- We incorporate uncertainty in the demand and in the supplier operation.
- We propose an enhanced Benders decomposition algorithm for this problem.
- Sourcing actions vary between using an integrated and a decoupled approach.
- Solving a single master problem in the Benders decomposition is more efficient.

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