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**Lot sizing with random yields: A review.** (English) [Zbl 0832.90031](#)  
*Oper. Res.* 43, No. 2, 311-334 (1995).

**Summary:** This paper reviews the literature on quantitatively-oriented approaches for determining lot sizes when production or procurement yields are random. We discuss issues related to the modelling of costs, yield uncertainty, and performance in the context of systems with random yields. We provide a review of the existing literature, concentrating on descriptions of the types of problems that have been solved and important structural results. We identify a variety of shortcomings of the literature in addressing problems encountered in practice, and suggest directions for future research.

**MSC:**

[90B05](#) Inventory, storage, reservoirs

Cited in **150** Documents

**Keywords:**

random yields

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