

Seed Technology

An International Journal Serving Seed Scientists and Technologists

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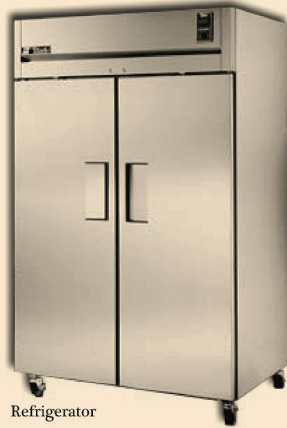


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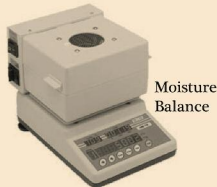
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Seed Technology

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AIMS AND SCOPE – *Seed Technology* is an international journal containing scientific and technological papers in all areas of Seed Science and Technology. The emphasis is on applied and basic research in seed physiology, pathology and biology that may relate to seed development, maturation, germination, dormancy and deterioration. Studies on seed production, sampling, testing, conditioning, distribution and storage are also included. Short communications from seed analysts and technologists are encouraged and will be published as Seed Tech Notes. These notes include new techniques, standardization of laboratory tests and documentation of anatomical and pathological observations of seed and seedling development. The journal also includes timely review articles of seed technology that may relate directly to the seed industry.

TYPES OF PAPERS – Original research papers, review articles and Seed Tech Notes are reviewed for publication. All manuscripts should be submitted online. Potential authors should note that there are no page charges and reprints can be ordered directly from the printer at a minimal fee. Refer to the last pages of this volume (Instructions to Authors) for detailed instructions regarding manuscript submissions.

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COVER ILLUSTRATION: Seed physiologists think of germination as a largely unobservable process, usually culminating in the emergence of a radicle. Germination of a wheat (*Triticum aestivum* L.) seed is therefore considered complete even before the seminal roots and a shoot have become visible (center). In contrast, seed analysts evaluate germination potential based on seedling development under favorable conditions. To an analyst, percentage germination of a seed lot reflects the number of seeds that successfully develop into normal seedlings (left), and excludes those that develop into abnormal seedlings (right). It is therefore possible for a seed physiologist and an analyst to test samples from the same lot, using different evaluation criteria, and for the former to conclude that the lot's germination is 100%, and the latter to conclude that the lot's germination is 0%. Scale line = 1 cm. Photo credit: Riad Baalbaki, California Department of Food and Agriculture.

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