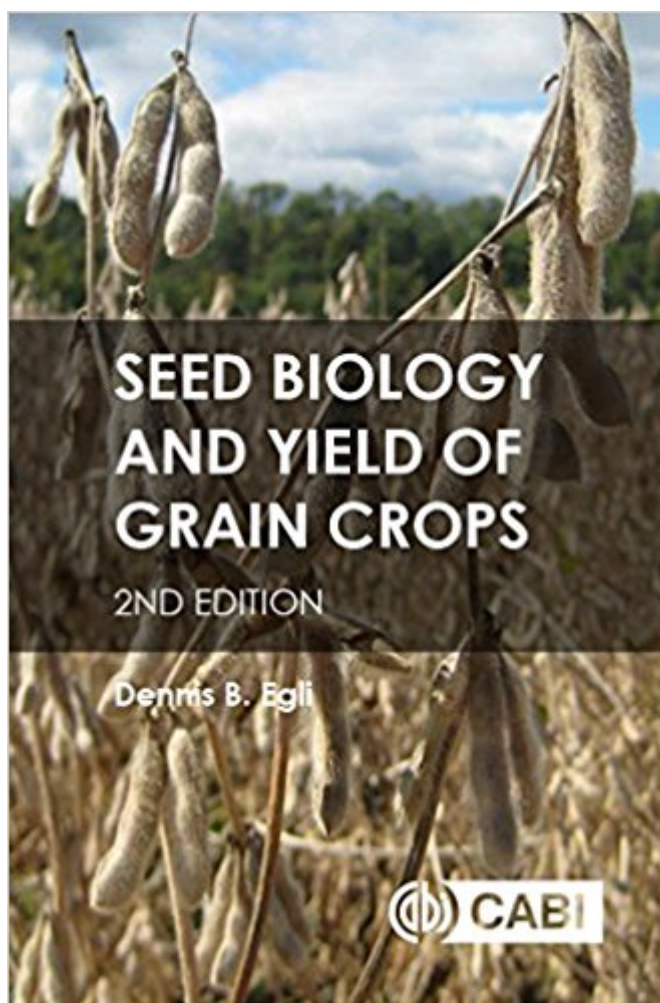


The book was found

Seed Biology And Yield Of Grain Crops



Synopsis

This new edition of an established title examines the determination of grain crop yield from a unique perspective-- by concentrating on the influence of the seed itself. As the food supply for an expanding world population is based on grain crops harvested for their seeds, understanding the process of seed growth and its regulation is crucial to our efforts to increase production and meet the needs of that population. Assimilatory processes such as photosynthesis and the biosynthetic processes in the seed, which are partly regulated within the seed itself, determine the yield of grain crops. Providing a timely update in this field and highlighting the impact of the seed on grain crop yields, this book:• describes all aspects of seed growth and development, including environmental and genetic effects on growth rate and length of the filling period.• discusses the role of the seed in determining the two main yield components: individual seed weight and number of seeds per unit area.• uses the developed concepts and models to understand crop management and yield improvement. Substantially updated with new research and further developments of the practical applications of the concepts explored, this book is essential reading for those concerned with seed science and crop yield, including agronomists, crop physiologists, plant breeders, and extension workers. It is also a valuable source of information for lecturers and graduate students of agronomy and plant physiology.

Book Information

Hardcover: 232 pages

Publisher: CABI; 2 edition (March 29, 2017)

Language: English

ISBN-10: 1780647700

ISBN-13: 978-1780647708

Product Dimensions: 0.8 x 6.2 x 9.5 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #803,230 in Books (See Top 100 in Books) #160 in Books > Science & Math > Agricultural Sciences > Crop Science #491 in Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Botany #746 in Books > Textbooks > Science & Mathematics > Agriculture

Customer Reviews

Dennis B. Egli is with the Department of Agronomy, University of Kentucky.

[Download to continue reading...](#)

Seed Biology and Yield of Grain Crops High-yield Neuroanatomy (High-yield Series) 4th (fourth) Edition by James D. Fix, Jennifer Brueckner published by Lippincott Williams and Wilkins (2008) High-Yield Embryology (High-Yield Series) By Ronald W. Dudek: High-Yield Embryology (High-Yield Series) Fourth (4th) Edition By James D. Fix: High-Yield Neuroanatomy (High-Yield Series) Third (3rd) Edition Gardening For Entrepreneurs: Gardening Techniques for High Yield, High Profit Crops Sterling CLEP Biology Practice Questions: High Yield CLEP Biology Questions Sterling SAT Biology E/M Practice Questions: High Yield SAT Biology E/M Questions Sterling AP Biology Practice Questions: High Yield AP Biology Questions Sterling DAT Biology Practice Questions: High Yield DAT Biology Questions The Homemade Flour Cookbook: The Home Cook's Guide to Milling Nutritious Flours and Creating Delicious Recipes with Every Grain, Legume, Nut, and Seed from A-Z Seed by Seed: The Legend and Legacy of John "Appleseed" Chapman The Seed Garden: The Art and Practice of Seed Saving My Grain & Brain Gluten-free Slow Cooker Cookbook: 101 Gluten-free Slow Cooker Recipes to Boost Brain Power & Lose Belly Fat - A Grain-free, Low Sugar, Low Carb and Wheat-Free Slow Cooker Cookbook Everyday Grain-Free Baking: Over 100 Recipes for Deliciously Easy Grain-Free and Gluten-Free Baking The Best Grain-Free Family Meals on the Planet: Make Grain-Free Breakfasts, Lunches, and Dinners Your Whole Family Will Love with More Than 170 Delicious Recipes (Best on the Planet) The Best Grain-Free Family Meals on the Planet: Make Grain-Free Breakfasts, Lunches, and Dinners Your Whole Family Will Love with More Than 170 Delicious Recipes Beautiful Corn: America's Original Grain from Seed to Plate WHEAT BELLY: SLOW COOKER: Cookbook of 25 Grain Free Recipes for Weight Loss (Weight Loss, Low Carb, Grain Free, Healthy) High-Yield Cell and Molecular Biology (High-Yield Series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)