1. Record Nr. UNINA9910820972203321 Autore Mayer A. M. Titolo The germination of seeds / / A. M. Mayer, A. Poljakoff-Mayber Pubbl/distr/stampa Oxford:,: Pergamon Press,, 1982 ©1982 **ISBN** 1-4831-3804-6 Edizione [Third edition.] 1 online resource (488 pages): illustrations Descrizione fisica Pergamon International Library of Science, Technology, Engineering, Collana and Social Studies Disciplina 581.3 581.333 Soggetti Germination Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references at the end of each chapters and indexes. Nota di contenuto Cover image: Title page: Table of Contents: The Germination of Seeds: OTHER TITLES OF INTEREST; Copyright; PREFACE TO THE THIRD EDITION: PREFACE TO THE SECOND EDITION: PREFACE TO THE FIRST EDITION; Chapter 1: THE STRUCTURE OF SEEDS AND SEEDLINGS; Publisher Summary; Chapter 2: CHEMICAL COMPOSITION OF SEEDS; Publisher Summary: I Carbohydrates: II Lipids: III Proteins: IV Other Components: Chapter 3: FACTORS AFFECTING GERMINATION: Publisher Summary; I Viability and Life Span of Seeds; II External Factors Affecting Germination; Chapter 4: DORMANCY, GERMINATION INHIBITION AND STIMULATION Publisher Summary; I Secondary Dormancy; II Possible Causes of Dormancy; III Germination Stimulators; IV Hormones in Germination; Chapter 5: METABOLISM OF GERMINATING SEEDS; Publisher Summary; I Changes in Storage Products During Germination; II Metabolism of Storage Products and Synthesis of Nucleic Acids and Proteins; III Respiration; Chapter 6: THE EFFECT OF GERMINATION INHIBITORS AND STIMULATORS ON METABOLISM AND THEIR POSSIBLE REGULATORY ROLE; Publisher Summary; I Effect of Natural Growth Substances; II The

Effects of Coumarin and Thiourea; III The Effect of Various Metabolic

Chapter 7: THE ECOLOGY OF GERMINATION; Publisher Summary; I

Inhibitors

	Effect of the Mother Plant; II External Factors in the Habitat of the Germinating Seed; III Ecological Role of External Factors; PLANT INDEX; AUTHOR INDEX; SUBJECT INDEX
Sommario/riassunto	The Germination of Seeds