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## Schematic Chart

Units	Theme	Reading Strategy	Vocabulary Compost	Grammar Fertilizer
1	<b>Horticulture</b> Reading 1: The Place of Horticulture Today Reading 2: Hydroponics	Previewing	Synonyms Word Forms Technical Vocabulary	Sentence Voice
2	<b>Vegetable Crops</b> Reading 1: Vegetable History, Nomenclature, and Classification Reading 2: Plant Form and Cultural Systems of Tomatoes	Finding the Topic and the Main Idea	Understanding Suffixes Technical Vocabulary	Countable/Uncountable Nouns
3	<b>Fruit Production</b> Reading 1: The Special Characteristics of Apple and Pear Production: Setting the Scene for Their Scientific Study Reading 2: Role of Pollination in Fruit Crops	Skimming	Understanding Prefixes Technical Vocabulary Word Family	Comparative/Superlative Adjectives
4	<b>Tools and Equipment</b> Reading 1: Cultivating Robotics and Artificial Intelligence (AI) for Sustainable Agriculture Reading 2: Power Tools for Cultivation	Identifying Definitions	Acronyms Portmanteau Words Word Family	Equative/Non-Equative Comparison
5	<b>Organic Farming</b> Reading 1: Organic Farming Reading 2: Organic Soil	Scanning	Verb Prepositions Collocations	Modal Verbs of Possibility: Can and May
6	<b>Ornamental Herbs and Houseplants</b> Reading 1: Herbaceous Ornamentals: Annuals and Perennials Reading 2: Houseplants	Heading Text Organization	Understanding Connecting Words Technical Vocabulary Common Names/Scientific Names	Relative Pronouns
7	<b>Insects and Plants</b> Reading 1: The Relation of Insects to Humans Reading 2: What Entomology Is	Making Inference	Word Senses Word Family	Conjunctions
8	<b>Tropical Fruits</b> Reading 1: Tropical Fruits Reading 2: Date Palm	Identifying Facts and Opinions	Understanding Connecting Words Technical Vocabulary	Compound Subjects/ Subject-Verb Agreement
9	<b>Propagation</b> Reading 1: Source Selection and Management in Vegetable Propagation Reading 2: Plant Propagation from Seed	Identifying the Purpose of the Writer	Latin/Greek Prefixes Technical Vocabulary	Other Others, The Other/Another
10	<b>Plant Watering</b> Reading 1: Water Reading 2: Irrigation Methods	Paraphrasing	Adverbs and Adverbial Phrases Multiple Meanings	Position of Adverbs and Adverbial Phrases

## Introduction

*English for the Students of Horticultural Science* is designed as an English for Academic Purposes (EAP) textbook for undergraduate university students of horticulture, ranging from pre-intermediate to upper-intermediate levels of English proficiency. The book aims to help students consolidate general reading skills and strategies they have already acquired through general English courses and transfer these skills and strategies to their target academic tasks. Hence, a wide range of horticultural text types/genres have been included in the book to provide students with ample opportunities to learn and practice discipline-based reading skills. With the main focus on reading, the other language skills and components (i.e., vocabulary, grammar, discourse, and genre) are used as a springboard for fostering reading skills and strategies.

The book consists of 10 units based on horticultural themes and topics of maximum authenticity and relevance to the students of horticultural science. The centerpiece of each unit is two reading passages developing the same theme, with all activities of each unit geared towards this theme. To this end, there is an efficient integration of relevant content and language with a good distribution of common genres in the field of horticultural science.

The units are divided into various sections as introduced below:

**Title Page:** It is designed to give readers a general overview of the theme and content of the unit.

**Plow Your Mind:** They aim to engage students mentally to think about the topic of the reading and relate it to their lives. A preliminary focus on important vocabulary items is also intended.

**Reading Passages:** Texts from a variety of authentic and credible sources are accompanied by glosses and technical notes.

**Harvest What You Read:** These parts assess the readers' comprehension of the texts through a broad range of comprehension questions and tasks.

**Reading Strategy:** A reading strategy that is helpful in academic contexts is introduced in each unit. It matches with the nature of the relevant reading passage.

**Vocabulary Compost:** Different aspects of word knowledge are taken into account through both explicit instruction and task-based activities.

**Grammar Fertilizer:** Grammar is mostly treated through a discovery approach. The grammar point in each unit is taken from the related reading passage.

**Translation:** This section is designed as a reading practice as well as a translation activity. It also offers focused activity on vocabulary, grammar, and some features of genres presented in the unit.

**Self-Check:** To give the learners a sense of achievement, each unit ends up with a self-check part in which the main objectives of the unit are worded explicitly using performative verbs.