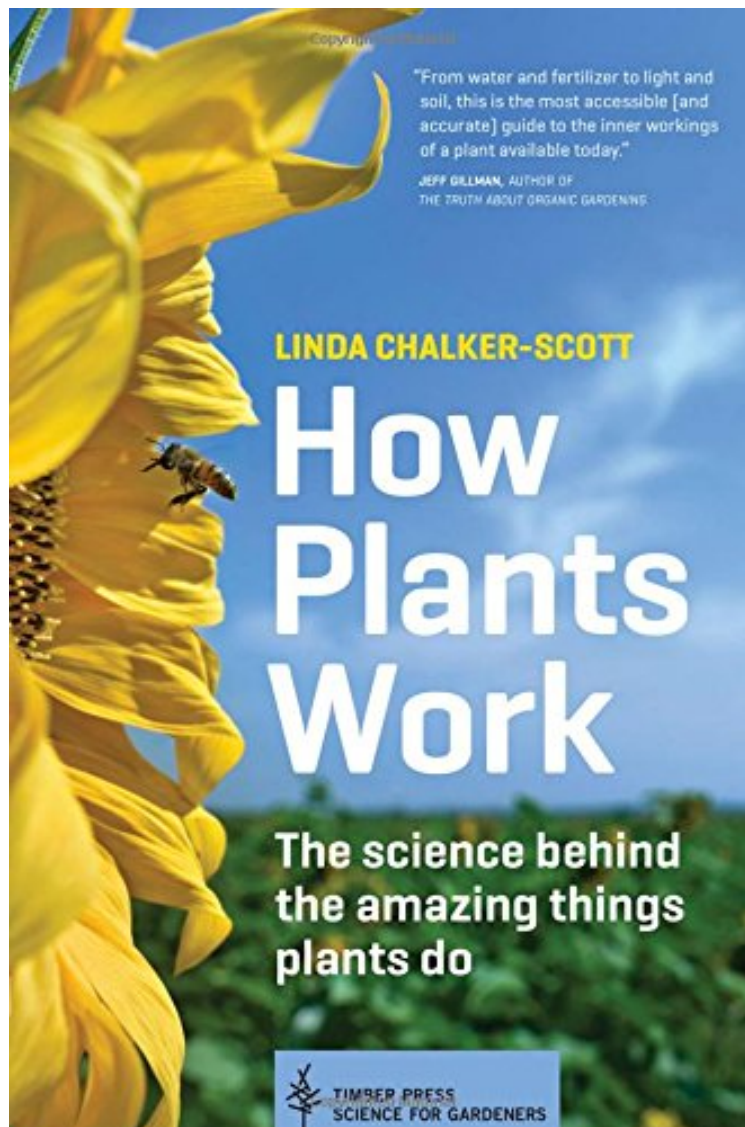


[Download pdf ebook] How Plants Work: The Science Behind the Amazing Things Plants Do (Science for Gardeners)

## How Plants Work: The Science Behind the Amazing Things Plants Do (Science for Gardeners)

*Linda Chalker-Scott*

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**Linda Chalker-Scott : How Plants Work: The Science Behind the Amazing Things Plants Do (Science for Gardeners)** before purchasing it in order to gage whether or not it would be worth my time, and all praised How Plants Work: The Science Behind the Amazing Things Plants Do (Science for Gardeners):

18 of 18 people found the following review helpful. The Material is Somewhat Technical, But Excellent

PresentationBy Bruce P. PinchbeckI bought this book because I was planning on joining (and was accepted to) the Penn State Master Gardener program. I felt it would be a good primer and prepare me for the "science of gardening". The material in this book is indeed scientific in nature, but the author presents it in a manner that can be understood relatively easy. There are some sections that may need to be reread or reviewed, but again, we are talking about the science of gardening...so it may be a bit technical. This book was indeed helpful for me in understanding the information that is taught through my Master Gardener program0 of 0 people found the following review helpful. Plant MythBusterBy Willie ThornleyLearned a lot about how plants really work. A lot of myths were busted. Talks about proper mulching and native soil usage. How roots grow and with that knowledge which type of plants to buy (bare root or potted plant). It does go into detail at the molecular level how plants use the sun to make food and energy and how different plants use different methods of photosynthesis. This explains why grass grows well in the spring and why weedy type plants do better in late summer/fall. Did you know there are different types of chlorophyll? Well written and practical if a bit detailed. Highly recommended for gardeners of all types.14 of 16 people found the following review helpful. The more a gardener understands the basics of how our plants work and interact with their environment the better gardeners we wiBy Becky ThomasHow Plants Work is a must have book for anyone with an interest in horticulture. With 9 sections Linda Chalker-Scott gives you the details on how the cells of plants work and with this base foundation start to build up from there. Linda answers questions such as how far roots spread and how deep they go, she explains photosynthesis and how this should affect the placement of a plant, why leaves turn red and much much more. The more a gardener understands the basics of how our plants work and interact with their environment the better gardeners we will be. This book is written for the average person in language that most should find easy to understand while being based on the latest science. If you like to garden no matter your skill level you should give this book a read, it will help you advance your skills and your landscape.

The more you know, the better you grow! Plants are capable of interesting and unexpected things. Why do container plants wilt when theyve been regularly watered? Why did the hydrangea that thrived last year never bloom this year? Why do slugs wipe out the vegetable garden instead of eating the weeds? Plant physiologythe study of how living things functioncan solve these and most other problems gardeners regularly encounter.In How Plants Work, horticulture expert and contributor to the popular blog The Garden Professors, Linda Chalker-Scott brings the stranger-than-fiction science of the plant world to vivid life. She uncovers the mysteries of how and why plants do the things they do, and arms the home gardener with fascinating knowledge that will change the way they garden.

Linda removes much of the mystery from gardening, replaces it with reliable knowledge, and does it all while retaining the wonder that makes this activity so inspiring. Steve Aitken, editor of Fine Gardening From water and fertilizer to light and soil, this is the most accessible (and accurate) guide to the inner workings of a plant available today. Jeff Gillman, author of The Truth About Organic Gardening and The Truth About Garden Remedies If you've ever wondered, Why did my plant do that?, look no further. Linda Chalker-Scott lays out the science behind garden plants in a buoyant, readable guide that you'll be turning to for years to come. Billy Goodnick, landscape architect, author, andeducator How Plants Work by Linda Chalker-Scott should ease our minds and lighten our workloads. She does a terrific job with the science of cell structure and explains why sunflowers turn to the sun, why tulips close up at night and loads of other fascinating tidbits. New York Times Book In her engaging, myth-busting book, Chalker-Scott opens up the wonders and curiosities of plant physiology. She not only makes us care about cell membranes, mitochondria and root stress, but leaves us eager to learn more. Seattle Times Using real-life situations and a conversational style, Chalker-Scott makes the science of growing things simple for home gardeners. Readers of this book will be able to make more informed choices in gardening practices. Houston Herald This book by Linda Chalker-Scott arms gardeners with hard science while relating information in an accessible and entertaining voice. . . . I cant think of a better way to pass the winter months. The Star Press Linda Chalker-Scott has become a champion for evidence-based horticulture by citing scientific studies to debunk gardening practices and products that simply dont work. In her new book. . . .she uses real-life situations, explanatory color photographs and drawings, and her signature colloquial style to make the science of plant processes accessible to home gardeners. The American Gardener Loads of tips on planting, watering, fertilizers, weeds, what causes plant problems and much more.Yes, it will help you change the way you garden. Garden Design Online The author presents a holistic view of the anatomy and physiology of plants. . . . This would be an excellent resource for gardeners, science projects for students, and in a botany class.National Science Teachers Association This 235-page, easy-to-understand guide presents information on plant physiology. . . .in a clear and logical way for gardeners. The Oregonian One of the most engrossing and useful books on gardening Ive found in a very long time. Forest Garden Blog