**SOIL CONDITIONER AND AMENDMENT TECHNOLOGIES**

**Volume 1**

This hardcover volume has 340 pages and 33 contributions with major emphasis on:

- Organic Matter (composts)
- Gypsum
- Water-soluble Polymers
- Biostimulants
- Zeolites
- Sulfur and Pyrites
- Interactions of above

An important feature is a discussion of how different conditioners-amendments when used together can have an additive or even synergistic effect for increase benefit to the growing plant.

**Volume 2**

This hardcover volume has 451 pages and 78 contributions adds to Volume 1 and has major emphasis on:

- Sustainability in Agricultural Operations
- Soil Quality
- Soil Management
- Potential for Soil Conditioners and Amendments
- Biological Properties of Soil
- Erosion control
- Best Management practices
- Index to Volumes 1 & 2

You may Photocopy this form

**ORDERING INFORMATION**

copy(s) **SOIL CONDITIONER AND AMENDMENT TECHNOLOGIES**
*Volume 1* @ 44.95 + shipping and handling

copy(s) **SOIL CONDITIONER AND AMENDMENT TECHNOLOGIES**
*Volume 2* @ 64.95 + shipping and handling

set(s) **SOIL CONDITIONER AND AMENDMENT TECHNOLOGIES**
*Volume 1 & Volume 2* @ 99.95 + shipping and handling

Please add $5.00 for shipping and handling

California add 8.25% sales tax.

Name __________________________

Company: __________________________

Address __________________________

City: __________ State: ____ Zip: ______

Phone __________________________

**WALLACE LABORATORIES**

365 Coral Circle
El Segundo, CA 90245

email: info@wlabs.net
phone 310-615-0116
fax 310-640-6863
visit us at
www.bettersoils.com
WHY USE SOIL CONDITIONERS AND AMENDMENTS

It has been said that good soil and bad plants beat bad soil and good plants anytime. Information in Soil Conditioner and Amendment Technologies can help to make poor soils become better.

Soil is not really renewable in our lifetime and beyond. It must be cared for to not only maximize output or maximize other values within reason, but also to make it possible (or not make it impossible) for those of future generations to obtain similar benefits from the land. Ownership of land, therefore, is quite different from other kinds of ownership. Soil has to last into perpetuity.

Soil is usually subject to many severe problems which require the use of various conditioners/amendments to keep it tillable, fertile, nutritionally and biologically healthy, and also to prevent it from loss by various kinds of erosion. In many ways, wise use of soil conditioners/amendments can be very worthwhile. They do not degrade soils and their value is often long term.

Soil Conditioner and Amendment Technologies is a series of books on the important topic of soil conditioners and amendments. Soil conditioners and amendments influence both the nutrient and physical characteristics of the soil. The objective of this series is to fill the gap in the world literature on information which concerns soil improvement. While there is extensive information on other limiting factors for plant growth, soil physical conditions have been extensively neglected. Poor physical properties of soil are often the major limiting factor to plant growth. Soil Conditioner and Amendment Technologies addresses this important issue with current and in-depth information on this important topic.

JUST A FEW OF THE CONTENTS OF SOIL CONDITIONER AND AMENDMENT TECHNOLOGIES

Volume 1

Addressing the potential for higher crop yields with best management practices
Problems and benefits of increasing levels of soil organic matter
Compost and composting: facts and myths
Gypsum is almost a universal soil amendment
Economic values of gypsum
Calcium in gypsum is also a plant nutrient
Elemental sulfur as a source of nutrient sulfur and as a soil amendment: a case history
Use of gypsum vs more soluble calcium compounds
Water-soluble polymer soil conditioners on physical properties of soil and some benefits
Magnification of the value of compost and other soil amendments with water-soluble polymers
Organic gardening and farming vs water-soluble polymer soil conditioners
Promises of new water-soluble polymer soil conditioners: looking for growers willing to try new ideas
Possible mechanisms for binding of water-soluble polyacrylamide to clay
Biostimulants as soil additives
Control of iron deficiency in plant soil amendments help

Volume 2

Can we save this fragile Earth? Agricultural Sustainability

"Each additional increment of yield becomes more difficult to achieve.” Is that correct?
How to transplant trees and shrubs with water soluble PAM (Polyacrylamide)
Some possible uses of soil conditioners for remediation.
Do compost and biosolids completely protect against toxicity from heavy metals?
Zinc and lead in soils: extractable, plant uptake threshold levels
Plant disease suppression by organic matter and other soil conditioners
Simultaneous use of both gypsum and lime on acid soils
Soil acidification from use of too much nitrogen fertilizer
Does nitrogen cycle? Are there two cycles?
Will your soil or plants respond to calcium (gypsum)?
Need for solution or exchangeable calcium and/or critical EC level for flocculation of clay by polyacrylamides
Soil stabilization with synthetic polymers
High-precision agriculture is an excellent tool far conservation of natural resources
Some plant nutrient interactions which can make big differences in crop yields