

# **Principles, protocols and Products to Produce Nutrient Dense Crops**

**and The Real Food  
Campaign**

# Course II

Soil Mineral Balancing

Drip Systems

Cover Crops as soil life feeders

Reading Soil Tests &

# Course Structure

- Every two months through the year
- Learn the techniques, principles and materials needed for the next two months of the growing season
- Review and share experiences, issues, suggestions
- Network

# Protocols for the Year

- Biological Inoculation
- Soil Mineral Balancing
- Nutrient Drenches
- Foliar Sprays

# Management practices for the Year

- Soil testing
- Tissue analysis
- Sap monitoring
- Visual field analysis
- Tillage and Covercropping
- Rotation management

# Plant vitality monitored

- Complete Carbohydrate Production
- Complete protein Production
- Fat and Oil (essential) Production
- Enzyme, Vitamin, Hormone Production.  
Secondary Plant Metabolites.

# Soil Testing

- Strong Acid/Weak acid
- Savings acct/Checking Acct
- CEC/Biologically available mineral balancing
- pH for mineral solubility in solution/  
Mineral ratios for optimal soil life and  
plant symbiosis, and energy

# Yarrow PPT



# Drip Systems picture set

# Seed Innoculation

- Test weight sorting
- Critical role of numerous species in synergy with the plant roots
- Simple, inexpensive and major factor in setting plant growth trajectory

# Potting Soil

- Besides Compost, peat, vermiculite and perlite, Consider, Kelp, Alfalfa, Zeolite, Humate, Montmorillonite, Lime, Rock Phosphate, Gypsum, and critical role of biological inoculants and enzyme stimulants.