The 2010-2011 Nutrient Dense Crop Production course is designed so that participants can learn the basic principles and practices of this form of biological and energetic farming and gardening.

As a result, they can relate more knowingly and directly with their soils and plants, and learn to detect the growth stages, processes and limitations that are transpiring with their plants and the interaction they are having with the soil and surrounding air.

The course will be essentially the same in all locations, differing only in what might emerge from each group of participants. This also makes it possible for a person to go to a nearby site and receive the information if a scheduling conflict keeps them from attending their chosen site. This will be a free exchange, with no additional cost.

Supplementing the sessions of the course will be a comprehensive soil test analysis and twice-monthly e-newsletters that will include various forms of helpful information & guidance, such as:

- Biodynamic Planting Calendar dates and times to plant
- Plant concoctions and sprays to facilitate specific growth and development attributes
- Charts; graphs; audio links to presentations; articles & supplementary reading options; answers to FAQs

**Session One**

- Strong acid soil test analysis; Mineral balancing; Paramagnetic stone; Soil amendments; Seed saving; Seed size and vitality purchasing and planting parameters; Seed sourcing; Fungal or bacterially dominant compost piles; Materials & purposes; Biological inoculation; Root strains; Naisons and potting soil.

**Session Two**

- Principles and theory; Water test; Reams anion/cation balancing; Complete/incomplete compound creation; Protein synthesis/proteolysis; Periodic table; Mineral levels & ratios needed; Secondary plant metabolites; Biological systems, resonance and transmutation; Infrastructures; Spreaders; Drip systems; Foliar systems; Tillage; Tilling in cover crops; Drip & foliar applications; Crop fertilizers; Transplanting; Conductivity; High conductivity & weed suppression.

**Session Three**

- Infrastructure; refractometers; Brix press; pH testing; Weak acid soil test; Tissue test; Secondary plant metabolites in insect and disease management; Tainio tools; Water & other energizers; Plant spirits/Devas; Internal communication with geometry of bonding angles and formation of corollary structures.

**Session Four**

- Crop monitoring; Plant growth analysis & support; Visual symptoms; Plant shape & growth characteristics and corollary mineral and other implications; refractometers; Conductivity; Conductivity of sprays.

**Session Five**

- Cover cropping; Strong acid soil test and analysis; Materials and purposes for maintaining whole system energetic; Maintaining plant vitality through season, and understanding shortcomings to address in fall for next season; Integration of principles and experiences for the year.