

Top Soils Biological Farming and Soil Fertility consultants specialise in soil fertility programs for all soils and farming operations by balancing soil nutrients using the **Kinsey-Albrecht System of Soil Fertility**.

Our programmes provide

Total Soil Fertility Solutions:

- **Soil sampling**, testing and audits
- **Consultations** and recommendations with experience, knowledge and sound science
- **Prescription** fertiliser programmes for customer blending
- **Sourcing**, and having on site over thirty fertiliser nutrient products for mixes

ORCHARDS • VINEYARDS • DAIRY • SHEEP • CEREAL • GRAIN • SEED • WINTER FEED CROPS • VEGETABLE PRODUCTION



Promoting synergist outcomes for farmers to meet their environmental and sustainability objectives with better production gained from less artificial nitrogen



Farmers have a tremendous body of knowledge. What **Top Soils** can bring to the table, as we begin to collaborate and build confidence with the farmer, is our knowledge of biological farming and soil fertility problems. We do this by filling in the gaps of fertility programmes to solve the social, financial and environmental issues with proven science.

BIOLOGICAL FARMING AND SOIL FERTILITY CONSULTANTS:



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Biological Farming & Soil Fertility Consultant

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- **Fertiliser importing**
- **Custom blending**
- **Soil testing**
- **Consultation**

Providing farmers with the knowledge, information and materials to rejuvenate soils and build soil fertility.

Seven Rules Towards a Sustainable Farming System

MANAGE WHAT YOU MEASURE

1 Test soils and balance all soil nutrients, not just NPK, and apply macro and micro-nutrients and minerals in order to reduce limiting factors and to enhance the balance of chemistry, physics and biology.

FEED THE SOIL THAT FEEDS THE PLANT

3 Use natural mined soil nutrients that have a balance of quick and slow release properties to provide energy throughout the entire growing season. (Insoluble but available).

THE PLANT FEEDS EVERY DAY so it is necessary to have a fertiliser program that provides that energy in the soil for the plant every day, not just at application, which is the case in soluble soluble fertilisers.

4 Use pesticides, herbicides, biotechnology and nitrogen sparingly. Use cultivation methods that enhance soil structure for air and water movement.

5 Get legumes into the system and have in place the 12 essential soil and plant nutrients that are necessary for nitrogen fixation, and to drive the photosynthesis process.

6 Feed the biology, apply food for the soil life, recycle nutrients and crop residuals, add fish and seaweed products plus vitamins, and a carbon source of crop residues, compost, humates and sugar.

2 Use fertilisers that are not harmful to soil health, soil life and plant roots. Add humates to fertilisers to buffer and increase the efficiency of fertilisers. (The addition of humates with fertilisers, increases the percentage of the applied nutrients passing through the root cell wall).



7 Have fun and enjoy the excitement of seeing and meeting all sustainable and environmental issues. Resolve negative health outcomes with increased profit and productivity.

D.L HART 2012

The Benefits of Biological Agriculture

- **Improving soil structure** and nutrient availability

- **Raising organic matter**, increasing humus content and carbon sequestration

- **Increase** the water and nutrient holding capacity of the soil and stop nitrate and phosphorous leaching into ground water

- **Requires less water** than intensive conventional fertiliser practices

- **Restores the structure**, mineral and microbial balance of the soil

- **Reduces the dependence** on high analysis fertilisers, agriculture chemicals, drenches and race minerals through stock water

- **Improves plant and animal health**, less insects and diseases and nutritional problems

- **Creates an environment** in the soil for crop or pasture productions not weeds

- **Improves the nutritional value** of food for animals and humans

Top Soils
TOTAL SOIL FERTILITY SOLUTIONS

- **Top Soils** for
- **Top production** and
- **Top performance**

Top Soils facilitates the production of natural premium quality foods, through integration of biological soil management into best practice agriculture.

We believe this will result in:

- **Healthier consumers**
- **Revitalisation of our environment**
- **Improved profitability in the farming sector**

To achieve healthy soils a planned programme is essential!

By using a planned programme for improving the soil life, and applying balanced fertilisers, **Top Soils** biological farming aids in getting nutrients into the plant.

The Kinsey-ALbrecht system of soil fertility refers to the principals used to develop the system of testing of which Dr William A. Albrecht worked to perfect in his decades of tireless work with the soil. In more recent times Neil Kinsey of Kinsey Agriculture Services, who studied under Dr Albrecht, has brought the system into the 21st century by adapting the principals for every type of soil and farming type worldwide for top production.

The soil audit uses a specifically developed set of soil testing procedures to determine and correct the soils mineral content. This provides the means to measure and supply the needed chemistry for each particular soil.

Dr Albrecht emphasised time and time again, "if it is true science it is repeatable", and "feed the soil and let the soil feed the plant".

So let the results speak for themselves!

- An investment in balancing soil nutrients using the Kinsey-Albrecht System of Soil Fertility with TOP SOILS provides a profitable return and a sustainable farming system.
- A balanced soil requires less nitrogen, has less environmental impact and promotes increased production and yields.
- Balanced soil nutrients result in healthier soils, plants and animals because of the higher quality nutritional levels. If ad-lib minerals are required for animals, this indicates a shortage in forage minerals - indicating a deficit in the soil.
- Balanced soils have fewer weeds, pests and diseases, and also require less chemicals and pesticides.
- TOP SOILS soil balancing programme and fertilisers only use nutrients that build and maintain soil nutrient levels for future production.

