



SOILIFE GROUP & THE MACADAMIA INDUSTRY

SOIL HEALTH MEANS BUSINESS

SoiLife Group consists of a small 'family' of passionate members, who are very aware of the significance of life in our soil, the diminishing abundance thereof and its undeniable impact on all life, so we are working hard to do something about it.

SoiLife founder David Gourlay has developed unique environmental management solutions incorporating Ecological Bundled Microorganism formulations combined with complex carbohydrates and the most highly regarded organic garden optimization ingredients including up to 70 Sea Minerals & trace elements. All of our products have been subject to research and trialing, are non-harmful, non-pathogenic, non-genetically modified, not chemically synthesized and are suitable for organic growing.

We provide powerful transitional tools/alternatives to chemical application, remedies for biological and nutrient soil deficiency as a result of long-term farming and chemical use, formulas for sustainable growing practices, optimum food nutrition, long-term profitable & ethical production and LIFE CONSERVATION & IMPROVEMENT.

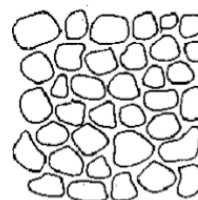
SUSTAINABILITY MEANS AN ABUNDANT FUTURE

The formula for **sustainable land use** is to increase the amount of nutrient rich organic matter and create and maintain a balanced, abundant and diverse microbial population in your soil profile.

SoiLife Group provides unique extensive environmental management solutions, including:

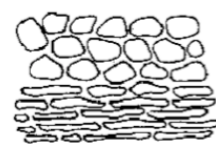
- Comprehensive farm, land and water assessments
- Independent soil & water testing and Plant Brix, pH & Nitrate measurements
- Expert recommendations for microbial applications and other sustainable practices for soil, water & biological farming management
- Continual monitoring and documentation of results post testing and treatment

**THE SERIOUS ISSUE OF
COMPACTED SOIL HARDPAN**
IS CAUSED BY NECESSARY PAST FARMING
ACTIVITIES AND HEAVY MACHINERY USE. THIS
COMPACTION RESTRICTS PLANT ROOT
GROWTH AND DIMINISHES MOISTURE
RETENTION, AVAILABILITY OF ABSORBABLE
TRACE MINERALS, ESSENTIAL MICROBIAL LIFE
AND THEREFORE, PLANT HEALTH



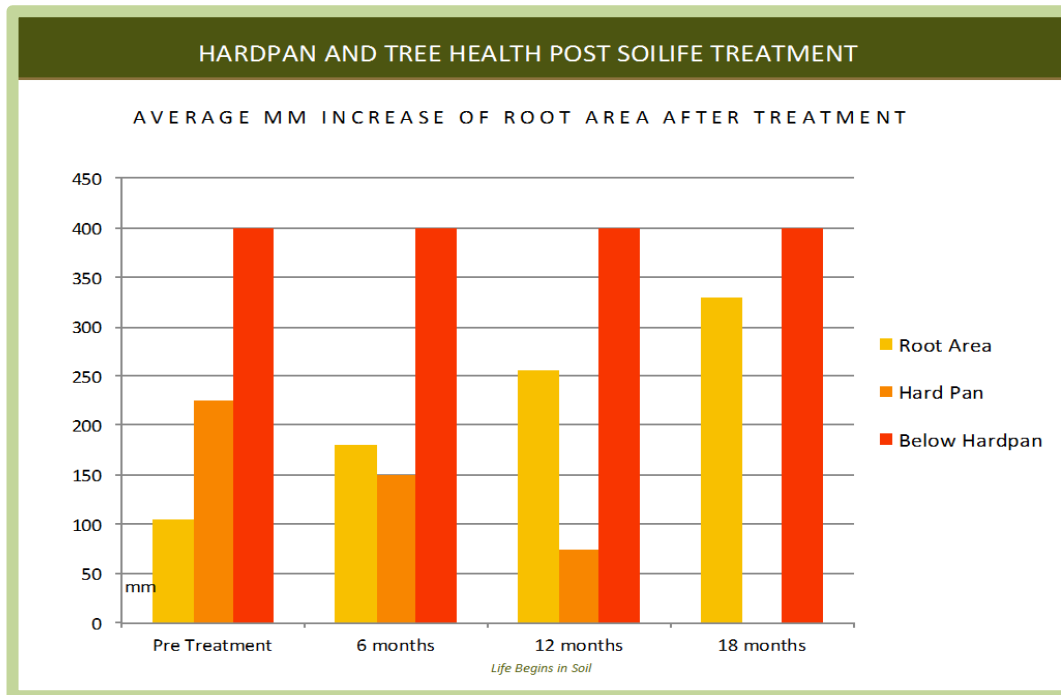
**OPTIMUM
RATIO**

Root Area – 75%
Canopy Area – 25%



**COMMON
CURRENT RATIO**

Root Area – 11%
Canopy Area – 89%



HOW SOILIFE FORMULATIONS WILL BENEFIT YOU

All of our products:

- Have been subject to research and trialing, are non-harmful, non-pathogenic, non-genetically modified and not chemically synthesized
- Are probiotic and promote thriving balanced microbial activity that competitively excludes plant, animal and water borne pathogens, pests and disease
- Optimise assimilation of nutrients, anti-oxidants, vitamins, minerals and bioactive compounds from the soil for plant & food nutrient density, appearance and flavour
- Rebuild soil chemistry & structure to ameliorate soil compaction/hardpan, erosion, residues of chemical fertilizers & pesticides and retain/store moisture, nitrogen & carbon
- Purify salinity, balance pH and support the decomposition and neutralisation of toxic and odour causing substances in soil, waterways, leachate & effluent
- Build sustained soil fertility & reduce toxic emissions such as N₂O, CO₂, CH₄
- **Increase crop yield, reduce input costs & increase potential profitability facilitating agricultural sustainability.**

Now through the 'Tweed Valley Carbon Farming Initiative', The Tweed Shire Council has funded a 3-year trial of our products & services over 10 farms.

The outcomes we expect to document as direct result of SoiLife management are:

- Significant soil carbon storage
- Soil structure correction
- Maximization of soil nutrient density & availability for plant assimilation
- Increased soil moisture retention
- Facilitation of effluent & waste water purification
- Minimised residues/further application of all chemical applications
- Increased crop yield/general productivity
- Competitive exclusion of plant, animal and all water borne pathogens, pests & disease

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