



## SOILIFE AUSTRALIA COMPOST BUILDER

### COMPOSTING FOR OUR FUTURE

Everyone creates compostable waste at home or when working with the land and therefore is able to make a quality compost product to perpetuate the health of their plants, family, community or business.

**SoiLife Australia Compost Builder**, applied to organic matter such as general green waste, animal manures, fruit and vegetable scraps, fallen leaves, wood chip & leachates creates an ideal **minimal-turn** ecosystem and a garden/farm ready product in as little as 1/3 of conventional composting time. This is your most valuable resource when purifying & repairing contaminated soils and rebuilding the life in your soil for optimum plant growth.

SoiLife Australia Compost Builder is a concentrate - each litre combined with 10L of water will treat 3 cubic meters of compostable waste. The result is approximately 2.5 m<sup>3</sup> of compost ready for use in up to 1/3 of conventional composting time.

THE BENEFITS ARE ENDLESS - LESS EFFORT FOR YOU, LESS TRAVELING AND INPUT EXPENSES, WONDERFUL HEALTHY GROWTH RESULTS AND YOU CAN HAVE THE SATISFACTION OF KNOWING THE ORIGIN AND QUALITY OF YOUR INGREDIENTS. THE POTENTIAL SAVINGS ARE SUBSTANTIAL AS GOOD ORGANIC COMPOST CAN BE NUTRIENT DEFICIENT AND RETAIL AT PRICES UP TO \$160/M<sup>3</sup>.

We have a product size that suits your application - available in 1L - 1000Litre packs with bulk discounts.

### SOILIFE AUSTRALIA'S UNIQUE DISTINCTION

SoiLife Australia Compost Builder has been formulated to **anaerobically** expediate a natural biological particle breakdown process. This approach significantly shortens the composting time period of a conventional aerobic process.

Treated nil-turn compost produces material for application as maximum performance garden/crop/pasture top dressing. Carbon stored may potentially be traded for carbon credits.

We also provide superior environmental management services and Ecological Bundled Microorganism products, which have been developed for all growing environments to build balanced, thriving ecosystems in which strength, productivity and nutrient density is maximised. All of our products have been subject to research and trialing, are non-harmful, non-pathogenic, non-genetically modified and not chemically synthesised.

**SOILIFE AUSTRALIA IS DEDICATED TO SUPPORTING THE SUSTAINABLE HEALTH OF AGRICULTURAL PRODUCTION, OUR COMMUNITY AND THE 'NATURAL ENVIRONMENT', WHICH ALL DEPEND ON SOIL FOR SURVIVAL.**



On Farm Compost preparation



Household Composting

Due to production demand, there has been a steady decline in 'soil life', crop yield, vital nutrients in our food and farming profitability due to chemical treatment long-term cultivation, over-grazing, genetic modification, tree clearing & irrigation. Serious health implications caused by deficiency are now widely recognised - **soil health translates to human health**.

The **humus** that is created by our formula in treated compost will repair soil structure, erosion & runoff, PH levels & permeability and convert stored trace minerals & nutrients in the humus, carbon & clay components of soil into a form that is available for plant assimilation, supporting maximum plant growth and health.

## SOIL THAT HAS BEEN ENRICHED WITH SOILIFE AUSTRALIA COMPOST BUILDER TREATED COMPOST WILL:

- **Build sustained soil fertility for the growth of healthier, more nutrient-dense plants & food**
- Increase potential crop yield & sustainability to reduce input costs over time
- Heighten plant immunity to pests & disease, minimising/eliminating chemical dependency
- Process and safely release residues of chemical fertilizers and pesticides
- Not require tillage, therefore saving on processing time/costs
- Recover rapidly from trauma caused by wheel & foot traffic or cultivation
- Have improved moisture retention and better insulate roots from temperature extremes
- Amend soil hardpan to provide easier passage for earthworms, oxygen & plant roots
- Facilitate the storage of carbon and reduce toxic emissions such as N<sub>2</sub>O, CO<sub>2</sub>, CH<sub>4</sub>
- Encourage healthy home/urban gardening and restore native vegetation

## SOILIFE AUSTRALIA COMPOST BUILDER PROCESSES

Compost decomposition periods depend upon substance particle size, temperature, moisture and Microbiological activity, or 'soil life'.

Treated compost temperatures will increase to 54 degrees or more, and if maintained for 25 days, the destruction of weed seeds, fly larvae and plant pathogens is achievable.

**On a hot day, a temperature of 68 degrees can be reached, decreasing decomposition time by half.**

Applying Soilife Australia Compost Builder enables complex refuse particles, e.g. fats/oils to be processed faster -biological waste or effluent may be applied to Compost Builder treated green waste to produce compost in just 8-10 weeks in comparison to approximately 6 months.

Our products will also **reduce/eliminate waste odour** (H<sub>2</sub>S, NH<sub>4</sub>, etc.) and once applied, minimal turning is required, **reducing labour and processing costs**.