



# School Garden in a Box

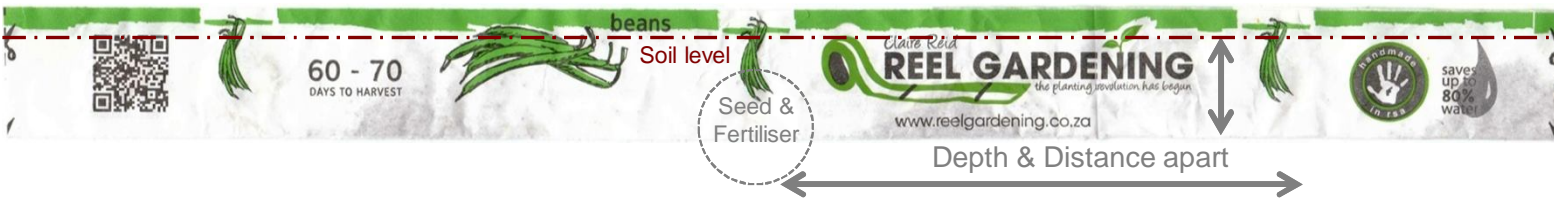
Complete Educational Solution for School Gardening Projects



# Get our nation growing, one meter at a time.

**Reel Gardening** manufactures a patented biodegradable seed strip that enables people with little knowledge or resources to plant their own vegetables, herbs and flowers. The strip anchors the seed at the correct depth, and places them at the correct distance apart to enable easy planting and improved germination in any environment. All you need to do is make a furrow, plant and watch your garden grow. Reel Gardening is loved by all South Africans who want to start a vegetable garden but don't know where to start or have failed using seed in the past. With our unique product we enable everyone and anyone to start growing their own food with just a little bit of water and enthusiasm.

Reel Gardening was created to enable people with any sized space to grow their own vegetables. Our methodology as a company is to take the guess work out of the process and put the entire solution together for you in a simple, effective and intuitive manner. We pre-package complete gardens which are packed according to the size available, taking the form of 6m<sup>2</sup> gardens (that feed 4-5 people with opportunity to sell excess) or 2m<sup>2</sup> (which will feed 2 people with limited opportunity to sell excess). These gardens laid out according to companion planting, they provide a balanced diet and are packed to suit the season.



Contains top quality open pollinated seed & slow release organic fertiliser | Saves up to 80% in water consumption | Holds seed in place at correct depth and distance apart | Birds cannot eat seeds out of soil | Prevents soil erosion and leaching | Protects the seed from UV | Germination occurs in a constant environment and is thus more effective | Paper biodegrades to produce nutrients in soil | Product is handmade, creating local employment & empowerment | No English or Mathematical education necessary to plant correctly |

It is fun and children enjoy getting involved



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Reel Gardening was initially developed to aid uneducated impoverished communities to grow their own food. 'Garden in a Box' was developed to meet this need. Reel Gardening's main focus is the Production of these Garden in a Box while Reel Life NPO is centred around the implementation training, support revisits and reporting. Reel Gardening has implemented over 100 school and community gardens over the last 3 years across South Africa for companies such as the Independent Development Trust, Total Coal, Nashua, Deloitte, Basil Read and McCain, as part of their CSI Programmes. We are approached by corporate South Africa because we offer a complete sustainable solution to the Implementation of food gardens that has a higher success and sustainability rate than current traditional methods.

**Garden in a Box** is a unique, patented, modular solution for corporate social investment projects. Each Garden in a Box layout is designed according to province and month of planting. The layout is illustrated by an easy to follow 'paint by numbers' format which enables children to get involved with the main object being education and skills transfer. The layout simplifies complex planting knowledge such as companion planting for maximum success of the garden. The Garden in a Box contains seed tape to plant 100m<sup>2</sup>, an easy to follow planting diagram and planting guide as well as a tape measure and string to aid in setting out. The garden will plant a 100m<sup>2</sup> area and will be able to supplement up to 50 meals per a day over the 2 month harvesting period, with the amount of surplus vegetables being able to be sold to create income to plough back into garden, creating sustainability.



## Schools: Planting Seeds of Change

Educational Activity Book creating the outdoor classroom

Reel Gardening has developed a 12-week educational programme in line with the current Life Science, Life Skills and Maths Curriculum for Grade 6 learners. The Department of Education had approved this content, which teaches children science and nutrition skills with the help of a school garden and an activity book each child receives. At the beginning of the 12-weeks, the children take home a Reel Gardening household garden which is included in their pack, they are asked to plant this garden at home as part of their homework and then to record the growth of their plants over the 12 week cycle which is shared in the classroom in the form of a show and tell. By making a game of their homework assignment, Reel Gardening encourages children to get excited about planting while at the same time solidifying the last step of the experiential learning process ( first watch and learn, then do together, finally do on your own). They in turn teach their parents the benefits of having a garden at home and eating fresh vegetables from it with the hope that the family continues to grow their own at home. In this way, linking the school garden with each household will ensure greater impact from the school garden intervention.

The activity book contains lessons on planning, healthy living, nutrition, growing your own food, responsibility, team-work, biology and recycling.



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