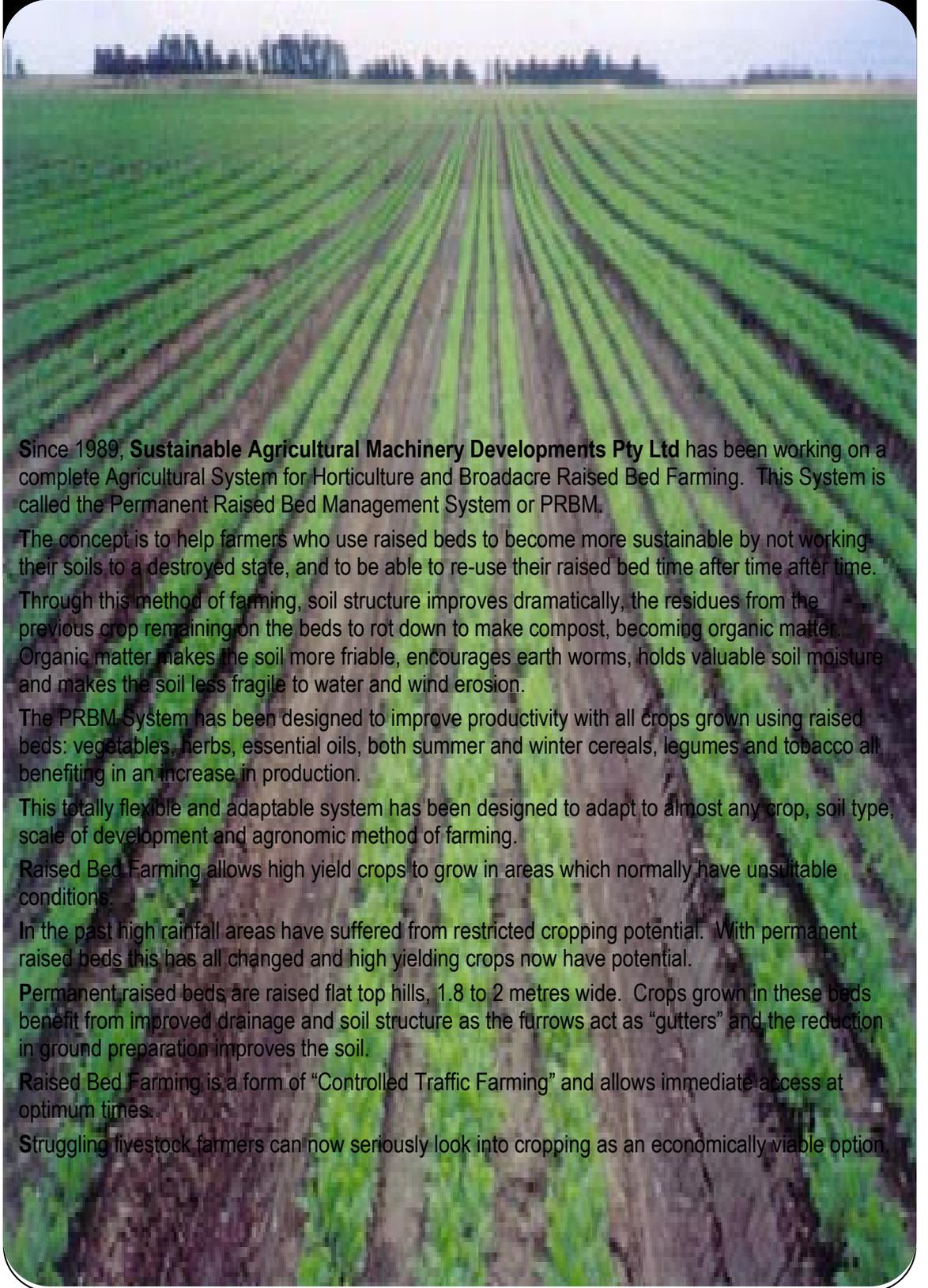


RAISED BED FARMING



SAM PRBM SYSTEM



Since 1989, **Sustainable Agricultural Machinery Developments Pty Ltd** has been working on a complete Agricultural System for Horticulture and Broadacre Raised Bed Farming. This System is called the Permanent Raised Bed Management System or PRBM.

The concept is to help farmers who use raised beds to become more sustainable by not working their soils to a destroyed state, and to be able to re-use their raised bed time after time after time.

Through this method of farming, soil structure improves dramatically, the residues from the previous crop remaining on the beds to rot down to make compost, becoming organic matter. Organic matter makes the soil more friable, encourages earth worms, holds valuable soil moisture and makes the soil less fragile to water and wind erosion.

The PRBM System has been designed to improve productivity with all crops grown using raised beds: vegetables, herbs, essential oils, both summer and winter cereals, legumes and tobacco all benefiting in an increase in production.

This totally flexible and adaptable system has been designed to adapt to almost any crop, soil type, scale of development and agronomic method of farming.

Raised Bed Farming allows high yield crops to grow in areas which normally have unsuitable conditions.

In the past high rainfall areas have suffered from restricted cropping potential. With permanent raised beds this has all changed and high yielding crops now have potential.

Permanent raised beds are raised flat top hills, 1.8 to 2 metres wide. Crops grown in these beds benefit from improved drainage and soil structure as the furrows act as "gutters" and the reduction in ground preparation improves the soil.

Raised Bed Farming is a form of "Controlled Traffic Farming" and allows immediate access at optimum times.

Struggling livestock farmers can now seriously look into cropping as an economically viable option.

**REDUCE LABOUR ~ REDUCE CHEMICAL USAGE ~ INCREASE YIELD
IMPROVE SOIL ~ SOLVE WATER LOGGING**

Awarded "AUSTRALIAN INVENTION OF THE YEAR" in 1990

RAISED BED FARMING

HORTICULTURE



SINGLE BEDFORMER

Creates uniform, level, full-width, compacted beds in one pass



BED RENOVATOR

Reverse till cultivator, forms—reforms perfect beds



★ **BEDLOCKER**

Accurate guidance system for all subsequent operations



★ **POWER WEEDER**

A technological advancement in weed control, reducing chemical and labour costs



INTERMEDIATE PLOW FRAME

A versatile machine for use in rough conditions or to deep band fertiliser



S-TYNE WEEDER

Mechanised weeding system for softer soils and where accuracy is not essential

★ *Any Size made to order*

RAISED BED FARMING

sam
Developments Pty Ltd

BROADACRE



TRIPPLE BEDFORMER

The Triple Bedformer can rip, form and compact 10.9 acres per hour into uniform, level, full-width beds. Also maybe used in horticultural applications



LISTER BAR

A highly adjustable furrow lister, designed to prepare the soil ready for bedforming. Listers may also come with three large bins mounted with coil tynes for fertiliser or Urea applications and more.



COMBINE CONVERSIONS
For direct drilling

Using quality conversion components from Primary Sales Australia, SAM can do a full factory conversion or supply a "Do it yourself" kit designed specifically for your make and model of combine, as well as, your individual agronomic requirements.

Features include: - Coil tynes fitted with Primary Sales Super Seeder points for excellent soil tilth in your direct drill sowing rows. Single or double adjustable sowing boots allowing for near accurate seed and fertiliser placement. Plus press wheels if required.

We can convert your:

**SHEARER
CHAMBERLAIN
MASSEY 80+
CONNER SHEA**

**INTERNATIONAL
NAPIER
HORWOOD BAGSHAW
WIDELINE AIR SEEDERS**

Plus others.

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