

PERMANENT RAISED BED FARMING



HORTICULTURE



SINGLE BEDFORMER

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



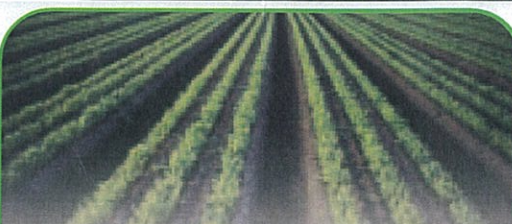
*BEDLOCKER

Accurate guidance system for all subsequent operations.



INTERMEDIATE PLOW FRAME

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



Since 1989, Sustainable Agricultural Machinery Developments Pty. Ltd. has been working on a complete Agricultural System for Horticulture and Broadacre Permanent 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 beds 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 compost, becoming organic matter. Organic matter makes the soil more friable, encourages earthworms, 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



*BED RENOVATOR

For existing raised beds. Buries all debris, trash & rocks while reforming with bed top & side compaction



*POWER WEEDER

A technological advancement in weed control reducing chemical & labour costs.



S-TYNE WEEDER

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

REDUCE LABOUR • REDUCE CHEMICAL USAGE • INCREASE YIELD • IMPROVE SOIL • SOLVE WATER LOGGING

* Awarded "AUSTRALIAN INVENTION OF THE YEAR" in 1990 ** Any size made to order

BROADACRE



TRIPLE BEDFORMER

The Triple Bedformer can rip, form and compact 10.9 acres per hour into uniform, level, full-width beds. Also may be 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



Permanent 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 great 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.

Permanent 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.



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, and to your individual agronomic requirements.

Features include:- Coil tynes fitted with "Primary Sales" Super Seeder points for excellent soil till in your direct drill sowing rows, single or double adjustable sowing boots allowing for near accurate seed and fertilizer placement. Plus Press wheels if required.

We can convert your :

SHEARER INTERNATIONAL
CHAMBERLAIN NAPIER
MASSEY 80+ HORWOOD BAGSHAW
CONNER SHEA WIDELINE AIR SEEDERS
& OTHERS