

Calculating tissue-cultured plantlet orders



Gae Plunkett and Roderick Fletcher

Development Officers - Varieties

Professional Extension and Communication Unit

Tissue culture is an excellent source of clean seed for all varieties and can help reduce the spread of serious diseases such as ratoon stunting disease, smut and Fiji leaf gall.

Why use tissue-cultured plantlets?

Earlier commercial-scale production of more productive new varieties will add value to your farming system and this can be achieved when using tissue-cultured plantlets. Tissue-cultured plantings are more uniform and produce more sticks than conventional plantings so larger quantities of planting material are made available.

Need to calculate how many tissue-cultured plantlets to order?

We've made it easier with our new online tissue-cultured plantlets calculator. It demonstrates the speed at which large quantities of planting material can be produced from a set number of plantlets or for a set cost to the grower. Simply input your numbers and compare the options to see which works best for your farming operations:

Whole stick option

Year 1

Order fewer plantlets, lower up-front costs.

Year 2

Higher labour requirement for hand-cutting and whole-stick planting.

Year 3

Outputs an estimate of the tonnes produced and hectares required for planting.

Billet planting option

Year 1

Order more plantlets, higher up-front costs.

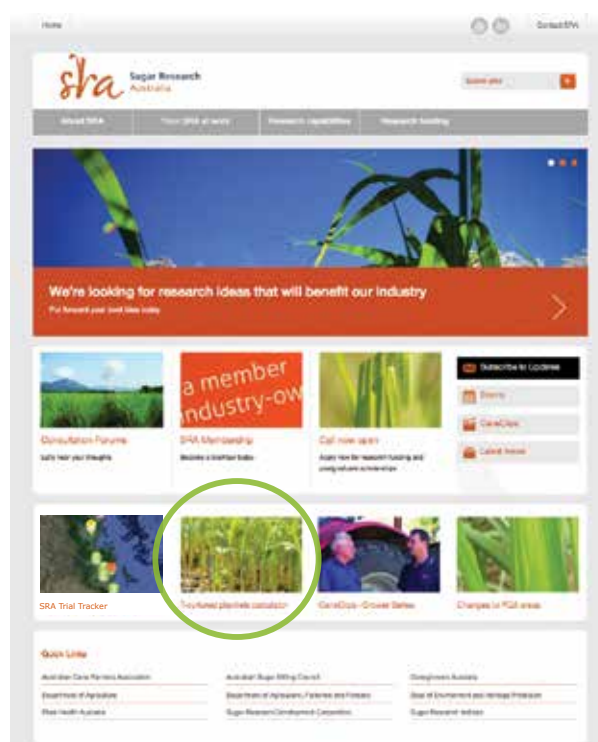
Year 2

Low labour requirement, cut with harvester and billet plant.

Year 3

Outputs an estimate of the tonnes produced and hectares required for planting.

Visit www.sugarresearch.com.au and look for the Tissue-cultured plantlet calculator option on the homepage



Call your local productivity services group to order tissue culture now for delivery in spring 2014. Orders close soon.