



# a 'Round The Traps'

May 2019



**GROW THRU WINTER!**  
Visit [www.fertitech.com](http://www.fertitech.com)



## POOR START; BAD FINISH? WHAT'S LEFT THAT STILL WORKS? SOME RAIN IN WINTER!

Carbon Systems Agronomy (CSA) is a very focused study of the 3 Keys to a Better Farm.

1. Understanding Soil Chemistry
2. Understanding Plant Physiology
3. Farmers Vision (for all their property)

Get those 3 right and you NAIL the needs every farm has to be smart, strong and robust. Get as complex and chem-focused as you like after that; but a smart, disciplined farmer mastering soil and plants is ALL a farm needs to be very successful. Crops and Pastures can easily grow thru winter. KEEP THE 'WHITE ROOT-TISSUE' GROWING and you won't shut down and go dormant. Just because it's not 'conventional'; doesn't mean it can't be done. CSA has done it for years! When we have a poor, dry, late start our crops need to get more growing time and be far more-advanced just in case the Spring is bad as well and it all cuts out too soon. Yield comes when your crop is as physiologically mature as it's supposed to be and if time is short – keep it growing! For some crops and a lot of areas the threat of Frost also becomes very real BUT there are Answers to cope with that as well. Nature has Answers if we care to understand how plants resist frost. See attached our 'Grow Thru Winter' bulletin.

### BROADACRE NEEDS TO BE READY TO "GROW THRU WINTER"

We don't talk about product very much because CSA is always Principles First, then Program, then Product. This time however – the time is short for many farmers who will still be sowing into June and Answers will be needed. "Grow thru Winter" means all broadacre crops must be on-track for shape and size, root mass and tillering and/or stem length before Winter Solstice – or as soon as possible after that. Not negotiable.

The best harvest outcomes always occur when emerging from winter if that 'right status' is achieved. Regardless of frost, flood, drought or storm the best chance for yield is achieved if the plant is still on-track by Winter Solstice. So, with that set CSA Principle in mind; and if we are sowing late, we do whatever we economically and practically can to push that crop along as quick as we can.

Liquid Inject players are lucky in that they can dial UP their 'GrowZone' or 'CropMaster' / Phosphorus / UAN Levels. Solid-only fertiliser users can't be certain solid will work in time before the days get too short and the ground gets too cold.

Everyone however can get the job done with Effective Foliars and crib back 3 week's worth of growth by making sure the crop keeps growing well into winter - even if the soil temperature drops below 8C. So what is an Effective Foliar? A hard-hitting NPK that is well-loaded with Phloem-Effective P. **We use 4-8 Litres of Ferti-PhosTraK or Phat-MAX with 10-20 Litres of UAN and 2 Litres of BIONiK.** It works. The Principle, the Program and the Product that gets you back on track if you're sowing late. It Works!



**Keep the Crop Phosphorus 'Hot' and you can also Grow Thru the Dead of Winter. (2C Soil Temp. Frosty Ground)**