

DON'T LET THE SHORT DAYS OR COLD WEATHER STOP YOU



GROW THROUGH WINTER!

- Late sown crops run the risk of never catching up to maximise yield potential. Winter shuts them down and their small root mass misses a lot of in-furrow nutrition that is potentially leached away with Winter rains.
- The same risks apply to pastures; becoming over-grazed; too short and then shut down all Winter as well.

However; Winter is also the time when you can get time back! If you must sow late or your pasture is already short and shutting down; if you know the soil temperature will be under 10C soon and Winter days are getting darker and colder; you still have a choice to make. Do you let the crop shut down for Winter – or do you send a 'GROW!' instruction to grow through Winter? You must keep growing your crop to catch up; to maximise yield potential or to save a lot of money by grazing your own grass well into Winter and not buy in someone else's.

Crops and Pastures will grow in low light and cold conditions if they receive the right signals to keep growing. The Key is to ensure the Crown of the cereals, canola, grasses etc stays 'hot' and continually sends out a growth stimulus for more root meristematic tissue; the white root tips (shown in the pictures). If you keep punching out white-tip tissue growth you're growing! Our CSA Practice is to nutritionally control the Crown and 'hot it up' to force a 'grow!' more roots and shoots signal for as long as possible deep into Winter. Doing that also ensures an early 'wake up' at the end of Winter and a faster growth into Spring!

- You must intervene with a Phloem Effective Foliar. Use **High Analysis Liquid Phosphorus (0.8-1.6 Units), Nitrogen (7-12 Units) and some Trace Elements (Manganese, Zinc, Copper, Boron)**. Use 4-8 Litres Ferti-PhosTraK with 15-25 Litres UAN
- It's far harder to 'jump-start' a 'cold' crop once it has the abscisic-acid dormancy type hormones operating in the sap system. The Crown has already set 'hibernation'.
- Even if the Soil Temperature is still above 10C Solid Fertiliser probably won't work. The Crown's getting multiple Winter signals other than soil temperature and it's first response is to shut down Roots so that means a shutdown of the Rhizosphere connection to the Soil.
- Forget about 'talking' to the plant via the soil; Solid Fertilisers in the soil are disconnected and stranded.
- Send a 'GROW!' Command to the Plant via a Phloem Effective High Analysis Phosphorus Foliar and STOP the Crowns shutdown procedure before it Starts! If you get the right Foliar onto Foliage in time - it works!
- Evidence of Growth is seen via more white-tip root tissue; you will see the evidence of a growing stem and greenery on top as well. White-tip tissue is never more than 12 hours old – so it's solid evidence that Winter has not shut your crop or pasture down yet! It's solid evidence your plants are primed to fire up quickly as soon as the days get longer and warmer. TIME is something you can control if you're pro-active in time.

