



a'Round The Traps'

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Canola Crop Stories in WA

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People ask FertiTech what is it that you do differently that we should be interested in and the following story probably is a story that exemplifies the Carbon Systems Agronomy success.

In agriculture, we can plan for so many things by having the right fertiliser, the right machinery, the right rotation, seeding at the right depth etc. Then along comes "Nature" to pull the rug from under us with either no rain or masses of rain and it always seems to be at the wrong time. Whilst we advocate being able to control more of the growing program with a diversity of nutrient elements in the furrow to buffer and enhance germination, plus both plant and root vigor, this canola crop is an example of being able to still grow a crop in extreme conditions. The rain simply didn't arrive in this region until the first week of June – the farmer didn't have liquid inject so we had to do the other option and that included a soil amendment incorporation with a highly viscous liquid soil drench. Seeded with a combination of slow and faster release phosphorus and trace element granule fertiliser coated by a Carbon Based fertiliser coating – the Seed Enhancer is a "P" and high trace element treatment and the program responded to nature by going in with initial moisture and falls even though it was early June with initial rain. Despite the germination jumping out of the ground, we now had shorter daylight hours and cold soil. We still gave it a solid 120 kg Urea application to use the soil moisture we did have. The rain was still very average but over 100 ml arrived in July. It's now August and the 5 leaf growth is dead in it's tracks NO "FAT CABBAGE", although leaf testing showed the plant was full of nutrition including NPK. I asked the farmer to be patient because the plants lacked for nothing now other than sunshine and rain. However there in lie the problem we were back to no rain in August and September other than half a dozen 2 and 5 ml rain events. Late September we got 8 ml and it was time to poke the Bear as the sun was doing it's thing. So out came the UAN complexed with root stimulating and leaf building nutrition. Now it was moving and a second foliar application this time to give us flower set and flower stick via nutrition was attracting the bees and insects that kept the bugs at bay. The magic of this response was the fact that apart from a pre plant chemical spray, no further chemicals were applied. But still no further rain and the total until October 23rd was a total of 35 ml from the beginning of August. Yet the below image shows a strong colour of flowering and on the Sunday we got 20 ml in one hit. The crop just kept flowering and now the life saving rain THIS LATE after such a difficult journey only using 150 units of nitrogen and the yield predictions from sources other than myself are saying he could have 2.5 ton. Keep in mind this was a low input synthetic fertiliser program as rain was an issue, and we obeyed nature by supporting the crop with what it needed when we could and of course to provide what the soil could not. We manipulated the season with robust liquids designed with new technologies we have developed over the course of 20 plus years.



The plants have short internodes the energy is in the seed pods not in thick tall stems and the density of pods from 8 inches above the ground to the top is loaded with fat pods and large seed. We of course now await the load in the bin. Please be good to us now Mother nature with the drying off of the crop in these coming weeks we are full and awaiting a harvest.

The Extra loaded Canola is on a separate site some 50 km's away and this is NEXT LEVEL production that comes from a full liquid inject program along with a healthy consistent rainfall to be taken advantage of. However again it was very much about the combination of granules and liquids in the correct diverse form used at the correct growth phases whilst still keeping inputs costs at a lower end of the scale than other farmers would expect. This happened with more than one farmer in more than one region. Ask us some Questions it is time to Start Planning for the next season now

