

Trial 17

Canola Sowing Demonstration

Sponsored by O'Connor's Case IH

Aim: To demonstrate three different techniques of sowing canola to determine seed placement and the effect on yield.

Results:

	t/ha
Seed and Fertiliser through the boot	1.9
Seed Broadcast and Fertiliser through the boot	1.8
Seed and Fertiliser Broadcast	2.1

Industry practice: the safest way of sowing canola is with the fertiliser down the same tube. Canola seedlings need a good supply of phosphorus and nitrogen early in the season and the safest way to securing this is by sowing the seed with fertiliser. In some cases, broadcasting canola seed with fertiliser can be successful but generally only on those soils where the nutrient status is high - this technique generally does not work under dry conditions because the fertiliser does not dissolve and spread through the soil as rapidly as it normally would under moist conditions. Broadcasting seed and placing the fertiliser in rows generally does not work very well because many of the canola seedling do not have rapid access to fertiliser (especially if the fertiliser was sown with wide row spacings).