Durum wheat - Winter pea intercropping was always greater than LERp of pea and always higher than IC advantages for the unfertilized treatment.

The ‘Durum wheat - Winter pea intercropping’ seems well adapted to the conditions of Southern France because it allowed

- a better use of N resources (and light) during early spring growing season due to the complementarities of the 2 species
- a higher grain protein concentration of durum wheat at harvest

IC advantages were greater for the unfertilized treatment confirming the interest of intercropping in low-input farming.