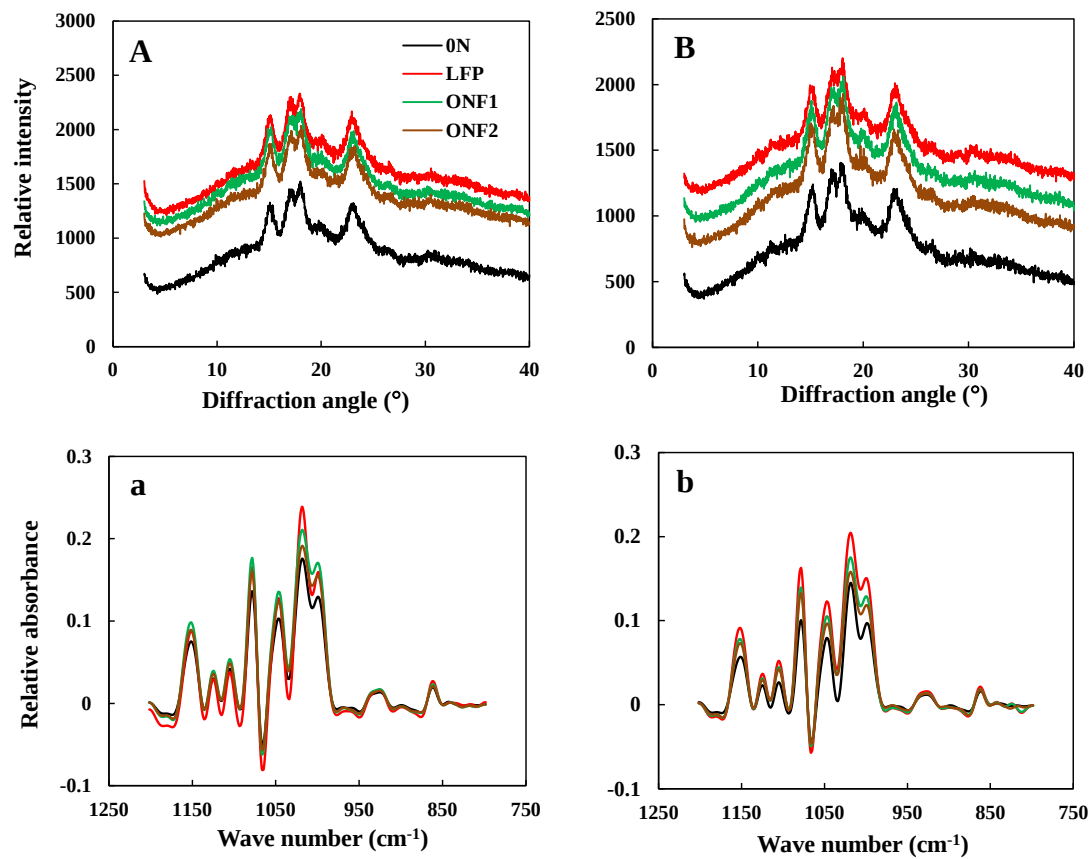




Appendix A Effects of different nitrogen fertilizations on the X-ray diffraction patterns of rice starch (A, B) and Attenuated total reflectance-Fourier transforms infrared spectra of rice starch (a, b) for cultivar Yongyou 2640 (Y2640, A & a) and Wuyunjing 24 (W24, B & b) in year 2019.

Appendix B Economic benefit analysis of the rice cultivars Y2640 and W24 under different treatments (100 × dollar ha⁻¹)

Cultivar	Treatment	Production value	Total Cost	Seed	Fertilizer	Irrigation input	Cost of herbicide, labor et al.	Economic benefits
Y2640	LFP	49.14	19.9	3.53	4.44	5.15	6.76	29.24
	ONF2	51.68	20.5	4.42	4.13	5.15	6.76	31.18
W24	LFP	39.65	16.5	0.35	4.44	4.98	6.76	23.15
	ONF2	41.84	16.3	0.44	4.13	4.98	6.76	25.54