

**ANALYSIS OF OIL, PROTEIN, FIBER AND GLUCOSINOLATES IN WHOLE RAPESEED  
BY NEAR INFRARED REFLECTANCE SPECTROSCOPY**

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Monochrometer-type and filter-type near infrared photometers were used to predict Nitrogen, Oil, Fiber and Glucosinolates content in whole rapeseed (*B. napus* L.). Calibration equations were established on large populations of samples analysed by the reference method (protein : KEJDAHL - Oil : SOXHLET - Fiber: WEENDE - Glucosinolates : GC and HPLC). Multiple correlation coefficients and standard errors are calculated to discuss the accuracy of NIRS for the predictions of the quality parameters of whole rapeseed.