

Model	Cross validation method	
	Leave-one-farm-out	10-fold
	-----R ² -----	
NIR (Raw absorbance)	0.218	0.579
NIR (SNV processing)	0.197	0.548
NIR (SG1 smoothing)	-0.084	0.514
MIR Full Spectra	-0.207	0.397
MIR cut spectra	-0.132	0.194
NIR + MIR combined spectra	-0.286	0.13