

Erratum to: Canopy spectral reflectance can predict grain nitrogen use efficiency in soft red winter wheat

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Unfortunately, Table 1 was incorrect in the original version of this article. The corrected Table 1 is given below.

The online version of the original article can be found under doi:[10.1007/s11119-014-9385-2](https://doi.org/10.1007/s11119-014-9385-2).

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Table 1 Formulae and references of the vegetative indices selected in this study to predict grain yield, grain N uptake, nitrogen use efficiency for yield (NUEY), and nitrogen use efficiency for protein (NUEP)

Vegetative index	Formula ^a	Reference
R_{780}/R_{740}	R_{780}/R_{740}	Mistele and Schmidhalter (2010)
Double difference index	$(R_{749} - R_{720}) - (R_{701} + R_{670})$	Le Maire et al. (2004)
Modified Chlorophyll Absorption Ratio Index (MCARI)/Optimal Soil Adjusted Vegetation Index (OSAVI) [705,750]	$\frac{[(R_{750}-R_{705})-0.2 \times (R_{750}-R_{550})](R_{750}-R_{705})}{(1+0.16)(R_{750}-R_{705})/(R_{750}-R_{705}+0.16)}$	Wu et al. (2008)
Photo Chemical Reflectance index	$(R_{550} - R_{531})/(R_{550} + R_{531})$	Gamon et al. (1992)
Normalized difference red edge	$(R_{790} - R_{720})/(R_{790} + R_{720})$	Barnes et al. (2000)
Ratio analysis of reflectance spectra b	$R_{675}/(R_{650} \cdot R_{700})$	Chappelle et al. (1992)
Ratio analysis of reflectance spectra c	R_{760}/R_{500}	Chappelle et al. (1992)
Red Edge Triangular Vegetation index (RTVI)	$(100(R_{750} - R_{730}) - 10(R_{750} - R_{550}))\sqrt{\frac{R_{700}}{R_{670}}}$	Chen et al. (2009)
Chlorophyll index green	$(R_{800}/R_{550}) - 1$	Wu et al. (2010)
Normalized difference index 1	$(R_{850} - R_{710})/(R_{850} - R_{680})$	Datt (1999)
Normalized difference index 2	$(R_{850} - R_{550})/(R_{850} - R_{680})$	Datt (1999)
Red edge model index	$(R_{750} - R_{720}) - 1$	Gitelson et al., 2005
Modified simple ratio	$(R_{750} - R_{445})/(R_{705} - R_{445})$	Sims and Gamon (2002)
Modified normalized index	$(R_{750} - R_{705})/(R_{750} + R_{705} - 2 \cdot R_{445})$	Sims and Gamon (2002)
Ration analysis of reflectance spectra	$(R_{800} - R_{470}) - (R_{800} + R_{470})$	Blackburn (1998)
R_{700}^{-1}	$(R_{700})^{-1}$	Gitelson et al. (1999)

^a R and the subindex indicate the reflectance of light at that specific wavelength in nm