

Table 6: Mean chlorophyll content and tissue iron between treatments in 2009. Pinto beans failed to germinate and had to be reseeded. Trifoliolate leaves had therefore not sufficiently developed to be sampled for tissue analysis during the first sampling date and were therefore not included in the analysis.

Treatments	Chlorophyll	Tissue Iron	Tissue Nitrate	Tissue Manganese
Pinto-Wheat	44.3a	N/A	N/A	N/A
Pinto-Oats	43.6a	N/A	N/A	N/A
Pinto-Corn	42.9a	N/A	N/A	N/A
Pinto-Rye	42.6a	N/A	N/A	N/A
Navy-Wheat	39.5b	689.0bc	1476.3b	85.63c
Navy-Corn	38.9bc	674.6bc	1706.8b	96.38bc
Pinto only	38.9bc	N/A	N/A	N/A
Navy-Oats	38.4bc	628.1bcd	1807.1b	88.13c
Navy-rye	36.7bcd	787ab	1371.9b	92.63bc
Black-Wheat	36.2cd	461.6e	1855.8b	82.75c
Black-Rye	35.9cd	529.0cd	1944.0b	97.88bc
Black-Oats	35.3d	468.1de	1906.0b	88.88c
Black-Corn	34.9de	576.0cde	1936.9b	107.88ab
Navy only	31.9e	933.8a	3071.9a	122.5a
Black only	26.2f	677.4bc	3315.0a	117.38a

Means with the same letter within the column are not significantly different (LSD,  $\alpha = 0.05$ )