

Table 1. Nutritional composition of two most common adopted media in *Arabidopsis* research: Somerville and Ogren (1982; SO) medium and half-strength Murashige and Skoog (1962; ½MS)

Nutrient	SO	½MS	½MS/SO ratio
N [mM]	9.00 (NO ₃)	19.21 (NO ₃)+ 9.12 (NH ₄)	3.15
P [mM]	2.50	0.63	0.25
K [mM]	7.50	10.02	1.34
Ca [mM]	2.00	1.49	0.75
Mg [mM]	2.00	0.75	0.38
S [mM]	2.00	0.93	0.47
Fe [μM]	50.00	49.98	1.00
B [μM]	70.00	50.15	0.72
Mn [μM]	14.00	55.95	4.00
Na [μM]	10.20	0.52	0.05
Zn [μM]	1.00	26.64	26.64
Cu [μM]	0.50	50.00	100.00
Co [μM]	0.01	52.50	5.25
Mo [μM]	0.20	0.50	2.50