



PLANT & TISSUE GUIDELINES - ORNAMENTAL

Logan Labs, 620 North Main Street, Lakeview, OH 43331
 937-842-6100 | www.loganlabs.com

JAPANESE SWEET FLAG

Survey Average

Macronutrients	%	Micronutrients	ppm	Nonessential Elements	ppm
N	2.52	Fe	164	Na	75
P	0.44	Mn	43	Al	301
K	3.37	B	23		
Ca	0.93	Cu	8		
Mg	0.23	Zn	35		
S	0.25	Mo	0.18		

Cultivars Sampled - Species Only

VARIEGATED GIANT, REED CANE

Survey Average

Macronutrients	%	Micronutrients	ppm	Nonessential Elements	ppm
N	2.93	Fe	43	Na	83
P	0.2	Mn	21	Al	7
K	3.33	B	3		
Ca	0.4	Cu	5		
Mg	0.16	Zn	26		
S	0.15	Mo	0.18		

Cultivars Sampled - Not Specified



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VARIEGATED JAPANESE WOOD SEDGE

Survey Average

Macronutrients	%	Micronutrients	ppm	Nonessential Elements	ppm
N	1.92	Fe	49	Na	164
P	0.47	Mn	no data	Al	129
K	2.15	B	4		
Ca	0.7	Cu	2		
Mg	0.25	Zn	16		
S	0.14	Mo	1		

Cultivars Sampled - Snowline

OLD GOLD SEDGE

Survey Average

Macronutrients	%	Micronutrients	ppm	Nonessential Elements	ppm
N	1.18	Fe	83	Na	510
P	0.08	Mn	76	Al	111
K	1.8	B	14		
Ca	0.6	Cu	84		
Mg	0.15	Zn	20		
S	0.12	Mo	no data		

Cultivars Sampled - Evergold



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JAPANESE SEDGE GRASS

Survey Average

Macronutrients	%	Micronutrients	ppm	Nonessential Elements	ppm
N	2.03-2.16	Fe	39-137	Na	no data
P	0.56-2.07	Mn	61-243	Al	92-214
K	3.38-3.46	B	4-7		
Ca	0.60-0.65	Cu	4-8		
Mg	0.14-0.16	Zn	19-22		
S	no data	Mo	0.14-0.21		

Cultivars Sampled - Species Only

PLANTAIN SEDGE

Survey Average

Macronutrients	%	Micronutrients	ppm	Nonessential Elements	ppm
N	1.54	Fe	108	Na	102
P	0.18	Mn	312	Al	no data
K	3.58	B	7		
Ca	0.9	Cu	7		
Mg	0.28	Zn	32		
S	0.13	Mo	0.12		

Cultivars Sampled - Species Only



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PAMPAS GRASS

Survey Average

Macronutrients	%	Micronutrients	ppm	Nonessential Elements	ppm
N	1.37	Fe	18	Na	no data
P	0.08	Mn	22	Al	9
K	1.82	B	2		
Ca	0.36	Cu	4		
Mg	0.05	Zn	9		
S	0.3	Mo	0.1		

Cultivars Sampled - Species Only

UMBRELLA PLANT, PALM, & SEDGE

Survey Average

Macronutrients	%	Micronutrients	ppm	Nonessential Elements	ppm
N	1.45-2.60	Fe	38-50	Na	304-609
P	0.14-0.20	Mn	20-167	Al	10-25
K	2.73-3.64	B	20-May		
Ca	0.18-0.45	Cu	9-Mar		
Mg	0.22-0.27	Zn	24-51		
S	0.15-0.24	Mo	0.18-0.62		

Cultivars Sampled - Species Only



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PAPYRUS OR EGYPTIAN PAPER PLANT

Survey Average

Macronutrients	%	Micronutrients	ppm	Nonessential Elements	ppm
N	2.35	Fe	35	Na	185
P	0.22	Mn	191	Al	24
K	2.86	B	6		
Ca	0.22	Cu	9		
Mg	0.21	Zn	74		
S	0.15	Mo	0.18		

Cultivars Sampled - Species Only