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ERRATUM

Erratum to: Fertilization of SRC Willow, II: Leaching and Element Balances

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The original version of this article unfortunately contained some mistakes.

Fig. 2: The presented values for Manure(240) treatment in fig. 2 were wrong. The corrected figure is presented here.

Table 6, 7 and 8: The lowercase letters indicating significant difference between treatments were shown as normal letters. This has been corrected in this version.

The online version of the original article can be found at http://dx.doi.org/10.1007/s12155-013-9370-z.

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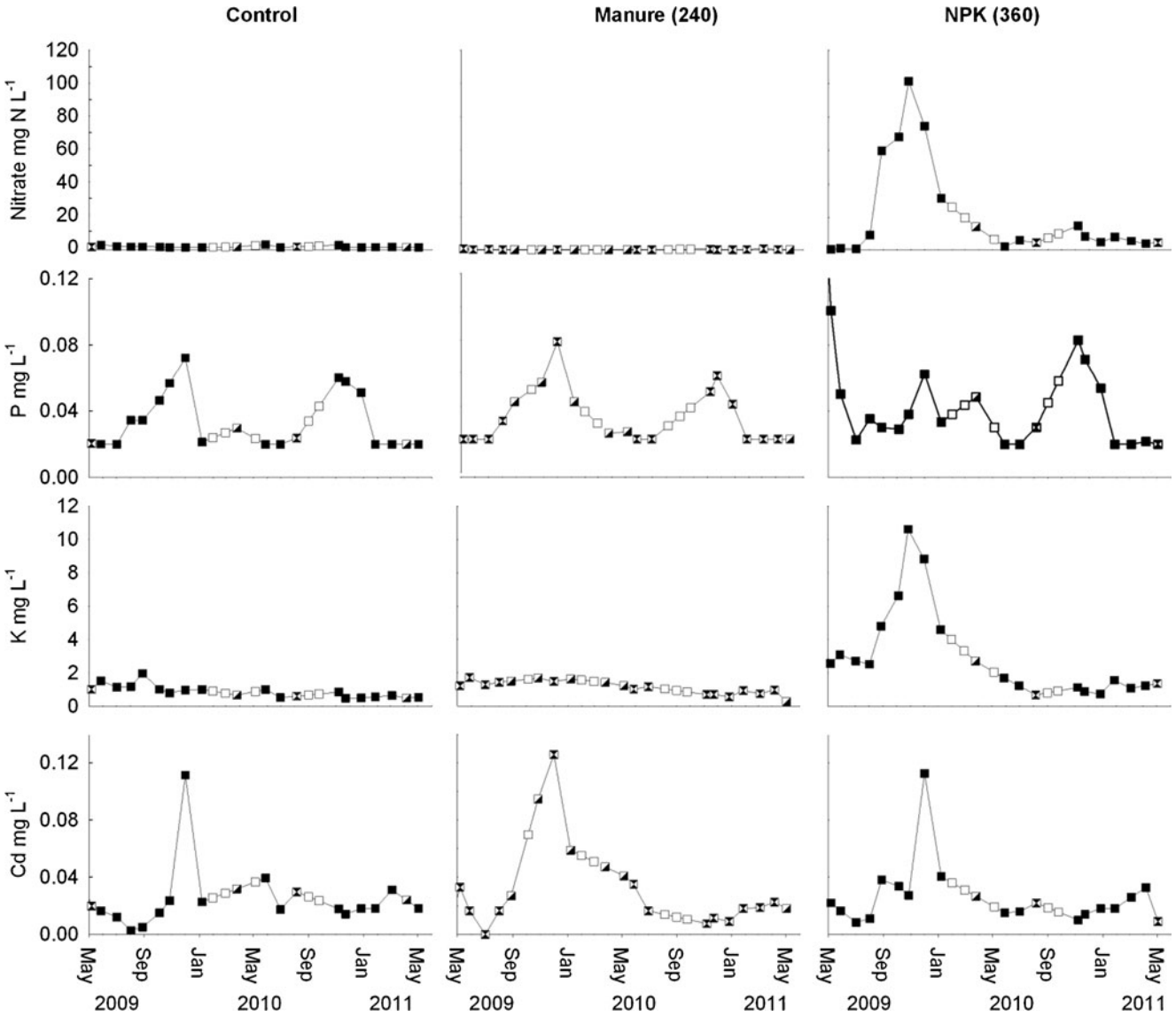

Fig. 2 Concentrations of N (nitrate), P, K and Cd for control, 240 and 360 treatments over the two years. Different degrees of square filling illustrate the use of interpolated results due to missing samples. *Filled squares* illustrate measured values from all three blocks, *hour-glass filled squares* illustrate measured values from two blocks and interpolation from the third block, *diagonally filled squares* illustrate measured values from one block and interpolated values from two blocks, and *open squares* illustrate interpolation values from all three blocks. See text for further explanation

Table 6 Macro nutrient concentrations in the biomass, values in brackets are standard deviation

Treatment	mg g^{-1} dw					
	C	N	P	K	Ca	Mg
Control	490 (30)	4.0^{c} (0.4)	1.14^{a} (0.07)	3.6 (0.34)	3.2 (0.26)	0.50^{a} (0.01)
NPK_{60+60}	500 (30)	4.7^{bc} (0.4)	1.00^{bcd} (0.04)	3.6 (0.31)	2.9 (0.19)	0.44^{abc} (0.02)
NPK_{120}	500 (20)	4.3^{bc} (0.6)	0.97^{cde} (0.09)	3.0 (0.43)	2.9 (0.16)	0.43^{bc} (0.01)
$NPK_{120+120}$	500 (20)	5.3^{abc} (0.3)	0.94^{de} (0.03)	3.0 (0.11)	2.7 (0.33)	0.38^{c} (0.01)
NPK_{240}	490 (20)	4.6^{bc} (1.0)	0.88^{e} (0.07)	3.0 (0.09)	2.8 (0.46)	0.39^{c} (0.04)
NPK_{360}	490 (20)	6.1^{a} (0.6)	1.10^{bc} (0.08)	3.5 (0.36)	3.4 (0.25)	0.47^{ab} (0.02)
$Manure_{120}$	490 (20)	4.4^{bc} (1.2)	0.95^{cde} (0.01)	3.1 (0.18)	2.6 (0.35)	0.44^{abc} (0.05)
$Manure_{240}$	500 (30)	5.1^{abc} (0.6)	1.00^{bcd} (0.01)	3.5 (0.53)	2.8 (0.28)	0.46^{ab} (0.03)
$Sludge_{120}+NPK_{120}$	490 (20)	5.5^{ab} (0.5)	1.07^{abc} (0.06)	3.3 (0.12)	2.8 (0.36)	0.43^{bc} (0.04)
$Sludge_{240}$	490 (30)	4.9^{abc} (0.6)	0.94^{de} (0.06)	3.0 (0.20)	2.8 (0.15)	0.43^{bc} (0.05)

Lowercase letters indicate significant different concentrations between treatments

Table 7 Heavy metal concentrations in the biomass, values in brackets are standard deviation

Treatment	µg g^{-1} dw					
	Cd	Cr	Cu	Ni	Pb	Zn
Control	1.10 (0.55)	0.17 (0.07)	3.93 (0.15)	0.66 (0.23)	0.07 (0.03)	104^{a} (15)
NPK_{60+60}	0.62 (0.07)	0.19 (0.12)	2.93 (0.59)	0.91 (0.78)	0.18 (0.14)	76^{abc} (16)
NPK_{120}	0.57 (0.17)	0.19 (0.13)	3.42 (0.48)	0.31 (0.06)	1.37 (2.22)	77^{abc} (15)
$NPK_{120+120}$	0.58 (0.08)	0.14 (0.03)	2.41 (0.33)	0.31 (0.07)	0.10 (0.10)	66^{c} (3)
NPK_{240}	0.57 (0.26)	0.11 (0.01)	2.38 (0.15)	0.30 (0.11)	0.08 (0.04)	65^{c} (21)
NPK_{360}	0.61 (0.15)	0.22 (0.10)	2.10 (0.35)	0.69 (0.52)	0.22 (0.22)	63^{c} (13)
$Manure_{120}$	0.55 (0.08)	0.19 (0.07)	3.29 (0.23)	0.42 (0.26)	0.10 (0.06)	88^{abc} (10)
$Manure_{240}$	0.69 (0.33)	0.16 (0.09)	3.48 (0.09)	0.46 (0.37)	0.06 (0.01)	95^{ab} (16)
$Sludge_{120}+NPK_{120}$	0.75 (0.13)	0.18 (0.10)	2.61 (0.46)	0.37 (0.06)	0.10 (0.07)	67^{bc} (15)
$Sludge_{240}$	0.64 (0.09)	0.25 (0.22)	7.21 (7.33)	0.44 (0.20)	0.25 (0.28)	89^{abc} (17)

Lowercase letters indicate significant different concentrations between treatments

Table 8 Fluxes of inputs by deposition and fertilization, outputs by leaching and harvest, and the overall balance

Element	Treatment	Input		Output		Balance
		Deposition kg ha^{-1} yr^{-1}	Fertilization	Leaching	Harvesting	
Total N (deposition and leaching: NO_3-N + NH_4-N)	Control	16	0	1^{b}	35	-21^{e}
	NPK_{60+60}	16	59	4^{b}	56	15^{ed}
	NPK_{120}	16	59	2^{b}	50	23^{dec}
	$NPK_{120+120}$	16	118	7^{b}	54	72^{ab}
	NPK_{240}	16	118	66^{a}	47	21^{dec}
	NPK_{360}	16	177	99^{a}	61	32^{bcd}
	$Manure_{120}$	16	61	1^{b}	42	32^{bcd}
	$Manure_{240}$	16	121	1^{b}	46	90^{a}
	$Sludge_{120}$+NPK_{120}	16	112	8^{b}	57	63^{abc}
	$Sludge_{240}$	16	105	5^{b}	50	66^{abc}
P	Control	1.1	0	0.1	10	-9^{g}
	NPK_{60+60}	1.1	8	0.1	12	-3^{f}
	NPK_{120}	1.1	8	0.2	11	-3^{f}
	$NPK_{120+120}$	1.1	15	0.1	10	6^{e}
	NPK_{240}	1.1	15	0.1	9	7^{e}
	NPK_{360}	1.1	23	0.1	11	13^{d}
	$Manure_{120}$	1.1	13	0.1	9	5^{e}
	$Manure_{240}$	1.1	26	0.2	10	17^{c}
	$Sludge_{120}$+NPK_{120}	1.1	72	0.1	11	62^{b}
	$Sludge_{240}$	1.1	130	0.2	10	121^{a}
K	Control	5	0	3^{b}	31	-29^{f}
	NPK_{60+60}	5	28	4^{b}	40	-11^{f}
	NPK_{120}	5	28	4^{b}	35	-7^{de}
	$NPK_{120+120}$	5	55	3^{b}	31	25^{c}
	NPK_{240}	5	55	10^{ab}	32	18^{c}
	NPK_{360}	5	83	13^{a}	34	40^{b}
	$Manure_{120}$	5	46	5^{b}	30	15^{c}
	$Manure_{240}$	5	92	4^{b}	34	57^{a}
	$Sludge_{120}$+NPK_{120}	5	35	3^{b}	34	2^{d}
	$Sludge_{240}$	5	16	6^{b}	31	-17^{ef}
Ca	Control	55	0	85^{b}	28	-58^{a}
	NPK_{60+60}	55	[a]	94^{b}	35	-74^{a}
	NPK_{120}	55	[a]	102^{b}	34	-80^{a}
	$NPK_{120+120}$	55	[a]	118^{b}	28	-91^{a}
	NPK_{240}	55	[a]	252^{a}	29	-226^{b}
	NPK_{360}	55	[a]	265^{a}	34	-244^{b}
	$Manure_{120}$	55	24	116^{b}	26	-63^{a}
	$Manure_{240}$	55	47	122^{b}	27	-47^{a}
	$Sludge_{120}$+NPK_{120}	55	26	107^{b}	29	-55^{a}
	$Sludge_{240}$	55	52	82^{b}	29	-3^{a}
Mg	Control	8	0	6^{b}	4	-2^{dc}
	NPK_{60+60}	8	2	8^{b}	5	-3^{dc}
	NPK_{120}	8	3	8^{b}	5	-2^{dc}
	$NPK_{120+120}$	8	6	9^{b}	4	1^{c}
	NPK_{240}	8	6	18^{a}	4	-9^{de}
	NPK_{360}	8	9	24^{a}	5	-12^{e}
	$Manure_{120}$	8	10	9^{b}	4	5^{bc}
	$Manure_{240}$	8	20	9^{b}	4	15^{a}
	$Sludge_{120}$+NPK_{120}	8	11	10^{b}	4	4^{bc}
	$Sludge_{240}$	8	15	7^{b}	4	12^{ab}

Lowercase letters indicate significant difference between treatments

[a] No data