

SUPPLEMENTARY MATERIAL

Phosphorus release dynamics from ashes during a soil incubation study: effect of feedstock characteristics and combustion conditions

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Table S1: mean P release (%) and standard deviation (SD) of four replicates for each treatment during the soil incubation. It is pertinent to note that the mean values were calculated after excluding outliers.

Treatment	Day 5			Day 10			Day 20			Day 40			Day 60			Day 80			Day 100			Day 120			Day 140			Day 160		
	P rel (%)	Mean (%)	SD	P rel (%)	Mean (%)	SD	P rel (%)	Mean (%)	SD	P rel (%)	Mean (%)	SD	P rel (%)	Mean (%)	SD	P rel (%)	Mean (%)	SD	P rel (%)	Mean (%)	SD	P rel (%)	Mean (%)	SD	P rel (%)	Mean (%)	SD	P rel (%)	Mean (%)	SD
TSP	93.3	110.0	19.9	108.3	117.7	19.6	83.7	87.6	4.5	374.8	105.9	17.3	144.8	158.5	21.7	88.0	87.8	3.9	251.9	188.9	48.4	99.3	108.2	22.3	131.8	132.1	13.7	107.8	119.7	11.4
	138.8			139.9			86.7			93.7			186.6			82.2			142.1			99.3			157.4			130.6		
	101.4			95.5			85.9			35.1			164.1			90.3			200.2			92.9			103.0			120.8		
	106.5			127.1			94.0			118.1			138.4			90.7			161.5			141.3			136.0			73.6		
PM550	49.3	51.6	8.8	38.0	41.8	11.5	42.5	46.4	6.4	84.3	66.5	15.8	54.4	63.8	6.8	59.4	38.9	15.0	30.9	45.7	10.5	23.5	54.2	35.1	47.6	63.5	23.7	57.1	50.1	9.8
	41.7			58.1			180.5			63.0			67.0			28.4			53.8			68.6			116.4			60.0		
	52.6			31.2			42.8			46.8			63.8			40.7			45.9			27.5			52.1			41.4		
	62.9			39.8			53.7			72.0			70.1			27.0			52.2			97.1			90.8			42.0		
PMW550	20.0	40.5	22.5	31.2	39.3	7.5	36.8	41.0	13.1	42.5	40.5	6.7	32.3	44.7	32.5	11.4	21.0	10.0	45.1	44.9	10.5	29.9	26.3	4.5	130.0	57.4	2.0	23.8	25.5	3.7
	36.9			46.2			30.6			37.4			92.9			19.1			51.4			20.4			24.3			22.3		
	64.6			116.4			60.3			33.3			22.1			35.0			30.1			29.9			56.0			30.8		
	470.5			40.4			36.5			48.9			31.5			18.4			53.0			25.1			58.9			25.0		
SD850	35.9	75.5	26.5	85.5	143.5	79.4	101.7	116.1	71.4	6.4	58.8	35.1	81.9	96.5	44.3	86.4	96.9	19.1	72.0	81.9	14.2	70.2	80.5	19.6	91.8	122.1	67.1	116.1	84.0	28.1
	86.6			70.6			73.7			70.7			55.1			124.1			70.4			109.8			98.6			50.0		
	87.0			179.8			220.9			81.2			89.8			96.1			101.3			68.6			221.7			75.5		
	92.4			237.8			68.1			76.8			159.0			81.1			83.9			73.4			76.1			94.7		
DW550	65.6	62.6	7.2	92.8	65.1	20.7	51.0	57.4	11.3	59.9	55.5	8.4	59.1	54.2	7.8	40.2	47.2	8.5	41.9	45.9	4.6	51.2	50.8	6.5	53.0	51.8	8.2	67.6	72.6	7.5
	54.6			68.5			65.8			47.1			52.0			59.0			49.0			45.7			47.2			65.1		
	71.0			53.5			44.8			65.0			44.1			41.6			41.9			59.9			44.2			76.9		
	59.3			45.7			68.0			50.0			61.4			48.1			50.6			46.5			62.9			80.7		
MD550	67.9	66.5	10.8	41.8	69.1	20.3	62.9	83.0	47.5	44.5	110.5	88.5	57.5	56.3	16.6	55.9	53.3	16.9	164.6	85.4	54.3	36.2	45.1	9.4	50.2	66.4	19.0	65.6	71.2	19.6

64.8	90.9	37.5	76.2	59.9	37.0	41.1	52.8	57.4	46.1
53.5	71.0	83.1	241.0	74.0	75.9	71.2	53.6	93.6	83.1
79.7	72.6	148.6	80.3	33.9	44.4	64.9	37.8	64.4	90.0
