

MOSAIC CO  
Form 4  
October 30, 2008

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
THRASHER LINDA

(Last) (First) (Middle)

C/O THE MOSAIC COMPANY, 3033 CAMPUS DRIVE, SUITE E490

(Street)

PLYMOUTH, MN 55441

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
MOSAIC CO [MOS]

3. Date of Earliest Transaction (Month/Day/Year)  
10/29/2008

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_ Director \_\_\_ 10% Owner  
\_X\_ Officer (give title below) \_\_\_ Other (specify below)  
Vice Pres - Public Relations

6. Individual or Joint/Group Filing(Check Applicable Line)  
\_X\_ Form filed by One Reporting Person  
\_\_\_ Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Price		
				Code V	Amount		
Common Stock	10/29/2008		M	6,649 A	\$ 0 9,770	D	
Common Stock	10/29/2008		F	2,226 D	\$ 33.65 7,544	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

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**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	\$ 0 <sup>(1)</sup>	10/29/2008		M	6,649	10/29/2008	<sup>(2)</sup>	Common Stock	6,649
Stock Option (right to buy)	\$ 15.04					<sup>(3)</sup>	10/29/2014	Common Stock	3,462
Stock Option (right to buy)	\$ 17.29					<sup>(3)</sup>	08/01/2015	Common Stock	13,915
Restricted Stock Units	\$ 0 <sup>(1)</sup>					08/04/2009	<sup>(2)</sup>	Common Stock	5,258
Stock Option (right to buy)	\$ 15.45					<sup>(4)</sup>	08/04/2016	Common Stock	15,773
Restricted Stock Units	\$ 0 <sup>(1)</sup>					10/06/2009	<sup>(2)</sup>	Common Stock	1,122
Stock Option (right to buy)	\$ 40.03					<sup>(5)</sup>	08/02/2017	Common Stock	8,909
Restricted Stock Units	\$ 0					08/02/2010	<sup>(2)</sup>	Common Stock	2,810
Stock Option (Right to Buy)	\$ 127.21					<sup>(6)</sup>	07/31/2018	Common Stock	1,829

