

MOSAIC CO  
Form 4  
August 06, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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)  
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)  
08/02/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
VP - Public Affairs

6. Individual or Joint/Group Filing (Check Applicable Line)  
 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 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)	Code	V	Amount	(D)	Price

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

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SEC 1474  
(9-02)

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

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)
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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	\$ 0 <sup>(1)</sup>								10/29/2008	<sup>(2)</sup>	Common Stock	6,649
Stock Option (right to buy)	\$ 15.04								10/29/2007	10/29/2014	Common Stock	3,462
Restricted Stock Units	\$ 0 <sup>(1)</sup>								08/01/2008	<sup>(2)</sup>	Common Stock	4,638
Stock Option (right to buy)	\$ 17.29								08/01/2006 <sup>(3)</sup>	08/01/2015	Common Stock	13,911
Restricted Stock Units	\$ 0 <sup>(1)</sup>								08/04/2009	<sup>(2)</sup>	Common Stock	5,258
Stock Option (right to buy)	\$ 15.45								08/04/2007 <sup>(3)</sup>	08/04/2016	Common Stock	15,771
Restricted Stock Units	\$ 0 <sup>(1)</sup>								10/06/2009	<sup>(2)</sup>	Common Stock	1,122
Stock Option (right to buy)	\$ 40.03	08/02/2007	A	8,909					08/02/2008 <sup>(3)</sup>	08/02/2017	Common Stock	8,909
Restricted Stock Units	\$ 0 <sup>(1)</sup>	08/02/2007	A	2,810					08/02/2010	<sup>(2)</sup>	Common Stock	2,810

## Reporting Owners

Reporting Owner Name / Address

Relationships

Director    10% Owner    Officer    Other

THRASHER LINDA  
3033 CAMPUS DRIVE  
SUITE E490  
PLYMOUTH, MN 55441

VP - Public Affairs

## Signatures

s/Richard L. Mack, Attorney in fact for Linda  
Thrasher

08/06/2007

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
  - \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) one for one
  - (2) Not applicable
  - (3) Vests as to annual cumulative installments of 33.33% one year from date of grant, beginning this date.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.  
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