

MOSAIC CO  
Form 4  
August 06, 2007

**FORM 4**

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

OMB APPROVAL

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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 \*  
MACK RICHARD L

(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)  
Senior Vice President

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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
Common Stock				(A) or (D) Price	1,000	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)

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

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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)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	
Restricted Stock Units	\$ 0 <sup>(1)</sup>					10/29/2008	<sup>(2)</sup>	Common Stock	16,6
Stock Option (right to buy)	\$ 15.04					10/29/2007	10/29/2014	Common Stock	10,3
Restricted Stock Units	\$ 0 <sup>(1)</sup>					08/01/2008	<sup>(2)</sup>	Common Stock	15,4
Stock Option (right to buy)	\$ 17.29					08/01/2006 <sup>(3)</sup>	08/01/2015	Common Stock	46,3
Restricted Stock Units	\$ 0 <sup>(1)</sup>					08/04/2009	<sup>(2)</sup>	Common Stock	15,7
Stock Option (right to buy)	\$ 15.45					08/04/2007 <sup>(3)</sup>	08/04/2016	Common Stock	47,3
Restricted Stock Units	\$ 0 <sup>(1)</sup>					10/06/2009	<sup>(2)</sup>	Common Stock	3,36
Stock Option (Right to Buy)	\$ 40.03	08/02/2007		A	19,368	08/02/2008 <sup>(3)</sup>	08/02/2017	Common Stock	19,3
Restricted Stock Units	\$ 0 <sup>(1)</sup>	08/02/2007		A	8,119	08/02/2010	<sup>(2)</sup>	Common Stock	8,11

## Reporting Owners

Reporting Owner Name / Address	Relationships
Reporting Owners	

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Director 10% Owner Officer Other

MACK RICHARD L  
3033 CAMPUS DRIVE  
SUITE E490  
PLYMOUTH, MN 55441

Senior Vice President

## Signatures

s/ Richard L.  
Mack 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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