

MOSAIC CO  
Form 4  
July 18, 2005

**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 \*  
PERTZ DOUGLAS A

(Last) (First) (Middle)

100 SOUTH SAUNDERS ROAD, SUITE 300

(Street)

LAKE FOREST, IL 60045

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)  
07/14/2005

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)

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) |   |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|---|
|                                 |                                      |  |                                | (A) or (D)  | Price   |  |                                   |   |
| Common Stock                    | 07/14/2005                           |  | S(1)                           | 110,000   | D   | \$ 16.5  | 18,168.52                         | D |
| Common Stock                    | 07/14/2005                           |  | M                              | 47,794  | A   | \$ 10.19   | 65,962.52                         | 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 Number Shares                                    |
| Stock Option (right to buy)                | \$ 18.1875   |                                      |  |                                |   | 10/22/2004 08/28/2008                                    | Common Stock 320,000  |
| Stock Option (right to buy)                | \$ 18.1875   |                                      |  |                                |   | 10/22/2004 08/28/2008                                    | Common Stock 180,000  |
| Stock Option (right to buy)                | \$ 14.3125   |                                      |  |                                |   | 10/22/2004 10/01/2009                                    | Common Stock 275,000  |
| Stock Option (right to buy)                | \$ 15.0312   |                                      |  |                                |   | 10/22/2004 02/22/2010                                    | Common Stock 254,000  |
| Stock Option (right to buy)                | \$ 15.0625   |                                      |  |                                |   | 10/22/2004 03/30/2010                                    | Common Stock 124,040  |
| Stock Option (right to buy)                | \$ 13.55   |                                      |  |                                |   | 10/22/2004 02/28/2011                                    | Common Stock 325,000  |
| Stock Option (right to buy)                | \$ 12.99   |                                      |  |                                |   | 10/22/2004 01/02/2012                                    | Common Stock 440,000  |
| Stock Option (right to buy)                | \$ 10.76   |                                      |  |                                |   | 10/22/2004 01/02/2013                                    | Common Stock 310,000  |
| Stock Option                               | \$ 10.19   | 07/14/2005                           |  | M                              | 47,794  | 10/22/2004 01/02/2014                                    | Common Stock 220,000  |

(right to buy)

Grant of Restricted Stock Units

\$ 0

11/30/2007

(2)

Common Stock

3,452

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| PERTZ DOUGLAS A<br>100 SOUTH SAUNDERS ROAD<br>SUITE 300<br>LAKE FOREST, IL 60045 | X             |           |         |       |

## Signatures

s/Richard L. Mack Attorney in fact for Douglas A. Pertz

07/18/2005

\*\*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) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on February 1, 2005.
- (2) Not Applicable.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.