

MOSAIC CO  
Form 5  
July 16, 2007

**FORM 5**

**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).  
Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL 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

1. Name and Address of Reporting Person \*  
BEUG NORMAN B  
  
(Last) (First) (Middle)

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

BOX 7500

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
05/31/2007

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
Senior Vice President

(Street)

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

6. Individual or Joint/Group Reporting (check applicable line)

REGINA, A9 S0G 0G0

Form Filed by One Reporting Person  
 Form Filed by More than One Reporting Person

(City) (State) (Zip)

**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 at end of Issuer's Fiscal Year (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                    | Â                                    | Â                                                  | Â                              | Â Â Â                                                             | 12,000                                                                                     | D                                                        | Â                                 |

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

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SEC 2270 (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) |                            |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|-----|----------------------------------------------------------|------------------|---------------------------------------------------------------|----------------------------|
|                                            |                                                        |                                      |                                                    |                                | (A)                                                                                     | (D) | Date Exercisable                                         | Expiration Date  | Title                                                         | Amount or Number of Shares |
| Stock Option (Right to Buy)                | \$ 30.656                                              | Â                                    | Â                                                  | Â                              | Â                                                                                       | Â   | 10/22/2004                                               | 06/18/2008       | Common Stock                                                  | 5,950                      |
| Stock Option (Right to Buy)                | \$ 22.6562                                             | Â                                    | Â                                                  | Â                              | Â                                                                                       | Â   | 10/22/2004                                               | 04/27/2009       | Common Stock                                                  | 6,200                      |
| Stock Option (right to buy)                | \$ 15.0312                                             | Â                                    | Â                                                  | Â                              | Â                                                                                       | Â   | 10/22/2004                                               | 02/22/2010       | Common Stock                                                  | 6,800                      |
| Stock Option (Right to Buy)                | \$ 15.0312                                             | Â                                    | Â                                                  | Â                              | Â                                                                                       | Â   | 10/22/2004                                               | 02/22/2010       | Common Stock                                                  | 2,500                      |
| Stock Option (Right to Buy)                | \$ 13.55                                               | Â                                    | Â                                                  | Â                              | Â                                                                                       | Â   | 10/22/2004                                               | 02/28/2011       | Common Stock                                                  | 7,000                      |
| Stock Option (Right to Buy)                | \$ 10.71                                               | Â                                    | Â                                                  | Â                              | Â                                                                                       | Â   | 10/22/2004                                               | 11/05/2011       | Common Stock                                                  | 8,750                      |
| Stock Option (Right to Buy)                | \$ 10.76                                               | Â                                    | Â                                                  | Â                              | Â                                                                                       | Â   | 10/22/2004                                               | 01/02/2013       | Common Stock                                                  | 22,000                     |
| Stock Option (Right to Buy)                | \$ 10.19                                               | Â                                    | Â                                                  | Â                              | Â                                                                                       | Â   | 10/22/2004                                               | 01/02/2014       | Common Stock                                                  | 40,000                     |
|                                            | \$ 0 <sup>(4)</sup>                                    | Â                                    | Â                                                  | Â                              | Â                                                                                       | Â   | 10/29/2008                                               | Â <sup>(1)</sup> |                                                               | 9,974                      |

|                             |                     |   |   |   |   |   |                           |                  |              |        |
|-----------------------------|---------------------|---|---|---|---|---|---------------------------|------------------|--------------|--------|
| Restricted Stock Units      |                     |   |   |   |   |   |                           |                  | Common Stock |        |
| Restricted Stock Units      | \$ 0 <sup>(4)</sup> | ^ | ^ | ^ | ^ | ^ | 08/01/2008                | ^ <sup>(1)</sup> | Common Stock | 9,276  |
| Stock Option (Right to Buy) | \$ 17.29            | ^ | ^ | ^ | ^ | ^ | 08/01/2006 <sup>(2)</sup> | 08/01/2015       | Common Stock | 27,820 |
| Restricted Stock Units      | \$ 0 <sup>(4)</sup> | ^ | ^ | ^ | ^ | ^ | 08/04/2009                | ^ <sup>(1)</sup> | Common Stock | 14,450 |
| Stock Option (Right to Buy) | \$ 15.45            | ^ | ^ | ^ | ^ | ^ | 08/04/2007 <sup>(3)</sup> | 08/04/2016       | Common Stock | 43,370 |
| Restricted Stock Unit       | \$ 0 <sup>(4)</sup> | ^ | ^ | ^ | ^ | ^ | 10/06/2009                | ^ <sup>(1)</sup> | Common Stock | 3,088  |

## Reporting Owners

| Reporting Owner Name / Address               | Relationships |           |                         |       |
|----------------------------------------------|---------------|-----------|-------------------------|-------|
|                                              | Director      | 10% Owner | Officer                 | Other |
| BEUG NORMAN B<br>BOX 7500<br>REGINA, S0G 0G0 | ^             | ^         | ^ Senior Vice President | ^     |

## Signatures

s/Richard L. Mack, Attorney in fact for Norman B. Beug 07/16/2007

\*\*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) Not applicable.
- (2) Vests 33.33% on 8/1/2006, 8/1/2007 and 8/1/2008.
- (3) Vests 33.33% on 8/4/2007, 8/4/2008 and 8/4/2009.
- (4) one-for-one

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.