

MOSAIC CO
Form 4
October 26, 2004

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

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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 *
BENTELE RAYMOND F

(Last) (First) (Middle)

2320 TODFORTH WAY

(Street)

ST. LOUIS, MO 63131

(City) (State) (Zip)

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

3. Date of Earliest Transaction
(Month/Day/Year)
10/22/2004

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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| Common Stock | 10/22/2004 | | A | 1,568 A | 1,568 | D | |

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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) | | 8. D | |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|---|-----------------|--------------|----------------------------|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Stock Option (right to buy) | \$ 29.75 | 10/22/2004 | | A | | 2,000 | | 10/22/2004 | 08/17/2005 | Common Stock | 2,000 |
| Stock Option (right to buy) | \$ 41.9375 | 10/22/2004 | | A | | 2,000 | | 10/22/2004 | 08/15/2006 | Common Stock | 2,000 |
| Stock Option (right to buy) | \$ 35.0313 | 10/22/2004 | | A | | 2,000 | | 10/22/2004 | 08/21/2007 | Common Stock | 2,000 |
| Stock Option (right to buy) | \$ 34.875 | 10/22/2004 | | A | | 2,500 | | 10/22/2004 | 05/12/2008 | Common Stock | 2,500 |
| Stock Option (right to buy) | \$ 22.6562 | 10/22/2004 | | A | | 2,500 | | 10/22/2004 | 04/27/2009 | Common Stock | 2,500 |
| Stock Option (right to buy) | \$ 14.6563 | 10/22/2004 | | A | | 2,500 | | 10/22/2004 | 04/25/2010 | Common Stock | 2,500 |
| Stock Option (right to buy) | \$ 10.815 | 10/22/2004 | | A | | 2,500 | | 10/22/2004 | 05/11/2011 | Common Stock | 2,500 |
| Stock Option (right to buy) | \$ 12.15 | 10/22/2004 | | A | | 9,800 | | 10/22/2004 | 05/10/2012 | Common Stock | 9,800 |
| Stock Option | \$ 9.75 | 10/22/2004 | | A | | 9,150 | | 10/22/2004 | 05/16/2013 | Common Stock | 9,150 |

(right to buy)

Stock

| | | | | | | | | | |
|-----------------------|----------|------------|--|---|-------|------------|------------|--------------|-------|
| Option (right to buy) | \$ 11.59 | 10/22/2004 | | A | 7,800 | 10/22/2004 | 05/14/2014 | Common Stock | 7,800 |
|-----------------------|----------|------------|--|---|-------|------------|------------|--------------|-------|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| BENTELE RAYMOND F 2320 TODFORTH WAY ST. LOUIS, MO 63131 | X | | | |

Signatures

s/Richard L.
Mack

10/26/2004

__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) Received in exchange for 1,568 shares of IMC Global Inc. common stock with merger of IMC Global (the "Merger"). On the effective date of the Merger, the closing price of IMC Global's common stock was \$15.00 per share.
- (2) Received in the Merger in exchange for a stock option to acquire the same number of IMC Global common stock at the same price per share.

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.