MOSAIC CO Form 4 January 04, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number:

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if no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box

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)

See Instruction

1(b).

1. Name and Address of Reporting Person * Corrigan Fredric W

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last)

(Middle)

MOSAIC CO [MOS]

3. Date of Earliest Transaction

_X__ Director

10% Owner Other (specify Officer (give title

3033 CAMPUS DRIVE, SUITE

E490

4. If Amendment, Date Original

Filed(Month/Day/Year)

(Month/Day/Year)

01/01/2007

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

below)

PLYMOUTH, MN 55441

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative S	ecuriti	ies Acqui	red, Disposed of,	or Beneficiall	y 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. Securitie on Disposec (Instr. 3, 4 a	d of (D))	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock							250	I	By Spouse
Common Stock	01/01/2007		A	179,201	A	\$ 0 (4)	194,201	D	
Common Stock	01/01/2007		F	72,121	D	\$ 21.36	122,080	D	

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

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number.

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. Transacti Code (Instr. 8)	orDeri Secu Acqu or D (D)	urities uired (A) isposed of rr. 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amo Underlying Secu (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	An Nu Sha
Restricted Stock Units	\$ 0 (3)	01/01/2007		C		86,437 (4)	<u>(1)</u>	<u>(1)</u>	Common Stock	80
Stock Option (Right to Buy)	\$ 15.04						01/01/2007(5)	12/31/2009(5)	Common Stock	28
Restricted Stock Units	\$ 0 (3)	01/01/2007		C		92,764 (4)	<u>(1)</u>	<u>(1)</u>	Common Stock	92
Stock Option (Right to Buy)	\$ 17.29						01/01/2007(5)	12/31/2009(5)	Common Stock	27
Restricted Stock Units	\$ 0 (3)						08/04/2009	<u>(1)</u>	Common Stock	9:
Stock Option (Right to Buy)	\$ 15.45						08/04/2007(2)	12/31/2011 <u>(6)</u>	Common Stock	27
Restricted Stock Unit	\$ 0 (3)						10/06/2009	<u>(1)</u>	Common Stock	19

Reporting Owners

Reporting Owner Name / Address	Relationships							
• 0	Director	10% Owner	Officer	Other				
Corrigan Fredric W 3033 CAMPUS DRIVE SUITE E490	X							

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PLYMOUTH, MN 55441

Signatures

s/Richard L. Mack, Attorney in fact for Fredric W. Corrigan

01/04/2007

**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 8/4/2007, 8/4/2008 and 8/4/2009.
- (3) one-for-one
- (4) Conversion of restricted stock units upon retirement as chief executive officer.
- (5) Acceleration of vesting and expiration in accordance with terms of option agreement.
- (6) Acceleration of expiration in accordance with terms of option agreement.

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.

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