MOSAIC CO Form 4 May 16, 2014

FORM 4

Check this box

if no longer

subject to

Section 16.

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

OMB APPROVAL OMB

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 4 or Form 5 obligations may continue. See Instruction

1(b).

(Last)

(City)

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 * MONAHAN WILLIAM T

(First)

(Street)

(State)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

below)

MOSAIC CO [MOS]

(Middle)

(Zip)

3. Date of Earliest Transaction

X_ Director 10% Owner

Officer (give title

(Check all applicable)

C/O THE MOSAIC COMPANY, 3033 CAMPUS DRIVE, SUITE E490

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

(Month/Day/Year)

05/15/2014

Applicable Line)

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

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

PLYMOUTH, MN 55441

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially (D) or Owned **Following**

6. Ownership 7. Nature of Form: Direct Indirect Beneficial Ownership Indirect (I) (Instr. 4) (Instr. 4)

Other (specify

Reported (A) Transaction(s) or (Instr. 3 and 4)

Code V Amount (D) Price

22,463 D

Common Stock

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. Transacti Code (Instr. 8)	5. Number conf 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. P. Derr Sect (Ins
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	\$ 0 (1)					(3)	(2)	Common Stock	2,908	
Restricted Stock Units	\$ 0 (1)					<u>(4)</u>	(2)	Common Stock	2,813	
Restricted Stock Units	\$ 0 (1)					(5)	(2)	Common Stock	1,997	
Restricted Stock Units	\$ 0 (1)	05/15/2014		A	3,144	<u>(6)</u>	(2)	Common Stock	3,144	

Reporting Owners

Reporting Owner Name / Address	Relationships					
2	Director	10% Owner	Officer	Other		
MONAHAN WILLIAM T C/O THE MOSAIC COMPANY 3033 CAMPUS DRIVE, SUITE E490 PLYMOUTH, MN 55441	X					

Signatures

/s/Richard L. Mack, Attorney-in-Fact for William T.

Monahan

05/16/2014

**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) The restricted stock units vested on October 6, 2012. Vested shares will be delivered to the reporting person on October 6, 2014.

Reporting Owners 2

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- (4) The restricted stock units vested on October 4, 2013. Vested shares will be delivered to the reporting person on October 4, 2015.
- (5) The restricted stock units vested on May 15, 2014. Vested shares will be delivered to the reporting person on October 3, 2016.
- (6) The restricted stock units will vest on the date of the issuer's 2015 Annual Meeting of Stockholders. Vested shares will be delivered to the reporting person on May 15, 2017.

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.