

Kaplan Mark Eric
Form 4
July 23, 2012

FORM 4

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

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

OMB APPROVAL

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
Kaplan Mark Eric

(Last) (First) (Middle)

ATRIA CORPORATE CENTER,
SUITE E490, 3033 CAMPUS
DRIVE

(Street)

PLYMOUTH, MN 55441

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol

MOSAIC CO [MOS]

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

07/19/2012

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

____ Director ____ 10% Owner
X Officer (give title ____ Other (specify
below) below)

VP - Public Affairs

6. Individual or Joint/Group Filing(Check
Applicable Line)
X 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. 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 Indirect Beneficial Ownership (Instr. 4)
Common Stock				(A) or (D)	1,213	D	

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

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information contained in this form are not
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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. 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)	Amount or Number of Shares
				Code	V	(A)	(D)	
Stock Option (Right to Buy)	\$ 127.21					(1)	07/31/2018	Common Stock 1,646
Stock Option (Right to Buy)	\$ 52.72					(2)	07/27/2019	Common Stock 3,125
Restricted Stock Units	\$ 0 (3)					07/27/2012	(4)	Common Stock 1,062
Stock Option (Right to Buy)	\$ 44.93					(5)	07/27/2020	Common Stock 3,545
Restricted Stock Units	\$ 0 (3)					07/27/2013	(4)	Common Stock 1,947
Stock Option (Right to Buy)	\$ 70.62					(6)	07/21/2021	Common Stock 3,768
Restricted Stock Units	\$ 0 (3)					07/21/2014	(4)	Common Stock 1,652
Stock Option (Right to Buy)	\$ 57.62	07/19/2012		A	5,099	(7)	07/19/2022	Common Stock 5,099
Restricted Stock Units	\$ 0 (3)	07/19/2012		A	2,025	07/19/2015	(4)	Common Stock 2,025

Signatures

07/23/2012

Date _____

Explanation of Responses:

- 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.