

BRAUSEN ANTHONY T  
Form 4  
January 25, 2011

**FORM 4**

**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).

**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 \*  
**BRAUSEN ANTHONY T**

(Last) (First) (Middle)

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

(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)  
**01/24/2011**

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)  
**Vice President -Finance**

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 Indirect Ownership (Instr. 4)
				(A) or (D)	Price		
			Code	V	Amount		
Common Stock	01/24/2011		S		2,300	D	
					\$ 75.648		
Common Stock	01/24/2011		M		7,200	D	
					\$ 16.03		
Common Stock	01/24/2011		S		7,200	D	
					\$ 75.648		

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**

SEC 1474  
(9-02)

displays a currently valid OMB control 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. 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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 16.03	01/24/2011		M	7,200	<u>(5)</u>	02/27/2016	Common Stock	7,200
Stock Option (Right to Buy)	\$ 15.45					<u>(5)</u>	08/04/2016	Common Stock	19,716
Stock Option (Right to Buy)	\$ 40.03					<u>(5)</u>	08/02/2017	Common Stock	11,323
Stock Option (Right to Buy)	\$ 127.21					<u>(3)</u>	07/31/2018	Common Stock	2,195
Restricted Stock Units	\$ 0 <u>(1)</u>					07/31/2011	<u>(2)</u>	Common Stock	1,179
Stock Option (Right to Buy)	\$ 52.72					<u>(4)</u>	07/27/2019	Common Stock	5,258
Restricted Stock Units	\$ 0 <u>(1)</u>					07/27/2012	<u>(2)</u>	Common Stock	3,319
Stock Option (Right to Buy)	\$ 44.93					<u>(6)</u>	07/27/2020	Common Stock	5,105

Restricted Stock Units \$ 0 <sup>(1)</sup> 07/27/2013 <sup>(2)</sup> Common Stock 4,986

### Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BRAUSEN ANTHONY T C/O THE MOSAIC COMPANY 3033 CAMPUS DRIVE, SUITE E490 PLYMOUTH, MN 55441			Vice President -Finance	

### Signatures

/s/ Richard L. Mack, Attorney-in-Fact for Anthony T. Brausen  
 01/25/2011

\*\*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) Grant Date 07/31/2008; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.
- (4) Grant Date 07/27/2009; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.
- (5) This Stock Option is 100% exercisable.
- (6) Grant Date 07/27/2010; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.

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.