

BRAUSEN ANTHONY T  
 Form 4  
 July 31, 2012

**FORM 4**

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

OMB APPROVAL

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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 \*  
**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)  
**07/27/2012**

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)  
 Senior VP -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 Ownership (Instr. 4)
				(A) or (D)	Price		
				Code V	Amount		
Common Stock	07/27/2012		M	3,319 A	\$ 0	9,026	D
Common Stock	07/27/2012		F <sup>(7)</sup>	1,086 D	\$ 58.73	7,940	D

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

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 (9-02)

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**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					(3)	02/27/2016	Common Stock	7,800
Stock Option (Right to Buy)	\$ 15.45					(3)	08/04/2016	Common Stock	19,716
Stock Option (Right to Buy)	\$ 40.03					(3)	08/02/2017	Common Stock	11,323
Stock Option (Right to Buy)	\$ 127.21					(3)	07/31/2018	Common Stock	2,195
Stock Option (Right to Buy)	\$ 52.72					(3)	07/27/2019	Common Stock	5,258
Restricted Stock Units	\$ 0 <sup>(1)</sup>	07/27/2012		M	3,319	07/27/2012	<sup>(2)</sup>	Common Stock	3,319
Stock Option (Right to Buy)	\$ 44.93					(4)	07/27/2020	Common Stock	5,105
Restricted Stock Units	\$ 0 <sup>(1)</sup>					07/27/2013	<sup>(2)</sup>	Common Stock	4,986
Stock Option	\$ 70.62					(5)	07/21/2021	Common Stock	4,307

