

MOSAIC CO
Form 4
July 28, 2010

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 *
STRANGHOENER LAWRENCE W

(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)

07/27/2010

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 below) ___ Other (specify below)

Chief Financial Officer

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. 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				(A)	100	I	By Daughter
Common Stock				(A)	100	I	By Daughter
Common Stock				(A)	50	I	by Son
Common Stock				(D)	85,070	D	

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 displays a currently valid OMB control number.

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(9-02)

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)	\$ 15.04							<u>(3)</u>	10/29/2014	Common Stock	52,084	
Stock Option (right to buy)	\$ 17.29							<u>(3)</u>	08/01/2015	Common Stock	64,935	
Stock Option (right to buy)	\$ 15.45							<u>(3)</u>	08/04/2016	Common Stock	61,120	
Stock Option (right to buy)	\$ 40.03							<u>(4)</u>	08/02/2017	Common Stock	25,328	
Restricted Stock Units	\$ 0 <u>(1)</u>								08/02/2010	<u>(2)</u>	Common Stock	10,617
Stock Option (Right to Buy)	\$ 127.21							<u>(5)</u>	07/31/2018	Common Stock	7,315	
Restricted Stock Units	\$ 0 <u>(1)</u>								07/31/2011	<u>(2)</u>	Common Stock	3,931
Stock Option	\$ 52.72							<u>(6)</u>	07/27/2019	Common Stock	14,423	

