

MOSAIC CO
Form 4
October 30, 2008

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)

10/29/2008

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)

Chief Financial Officer

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 Beneficial Ownership (Instr. 4)
Common Stock				(A) or (D)	Price		By Daughter
Common Stock						I	By Daughter
Common Stock						I	by Son
Common Stock	10/29/2008		M	23,272	A \$ 0	79,202	D
Common Stock	10/29/2008		F	9,938	D \$ 33.65	69,264	D

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

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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
Restricted Stock Units	\$ 0 ⁽¹⁾	10/29/2008		M	23,272	10/29/2008 ⁽²⁾	Common Stock 23,272
Stock Option (right to buy)	\$ 15.04					⁽³⁾ 10/29/2014	Common Stock 52,084
Stock Option (right to buy)	\$ 17.29					⁽³⁾ 08/01/2015	Common Stock 64,935
Restricted Stock Units	\$ 0 ⁽¹⁾					08/04/2009 ⁽²⁾	Common Stock 20,373
Stock Option (right to buy)	\$ 15.45					⁽⁴⁾ 08/04/2016	Common Stock 61,120
Restricted Stock Units	\$ 0 ⁽¹⁾					10/06/2009 ⁽²⁾	Common Stock 4,350
Stock Option (right to buy)	\$ 40.03					⁽⁵⁾ 08/02/2017	Common Stock 25,328
Restricted Stock	\$ 0 ⁽¹⁾					08/02/2010 ⁽²⁾	Common Stock 10,617

