MOSAIC CO Form 4 August 04, 2008

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or Expires: January 31, 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

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

See Instruction So(ii) of the investment Set 1(b).

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(Print or Type Responses)

1. Name and Address of Reporting Person * MACK RICHARD L			2. Issuer Name and Ticker or Trading Symbol MOSAIC CO [MOS]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
3033 CAMPUS DRIVE, SUITE E490 (Street)			(Month/Day/Year) 07/31/2008	Director 10% Owner _X Officer (give title Other (specify below) Senior Vice President		
			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
PLYMOUTH,	MN 55441		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially						y Owned		
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if					5. Amount of Securities	6. Ownership	7. Nature of Indirect
(Instr. 3)		any	Code	(Instr. 3, 4	and 5	5)	Beneficially	Form:	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned Following Reported	Direct (D) or Indirect (I)	Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	08/01/2008		M	15,461	A	\$0	16,461	D	
Common Stock	08/01/2008		F	6,014	D	\$ 122.69	10,447	D	

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

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SEC 1474

(9-02)

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$\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (\emph{e.g.}, puts, calls, warrants, options, convertible securities) \\ \end{tabular}$

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	2 3A. Deemed Execution Date, if any (Month/Day/Year)	Code	orDerivative		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour Underlying Securit (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Restricted Stock Units	\$ 0 (1)						10/29/2008	(2)	Common Stock	16,
Stock Option (right to buy)	\$ 15.04						<u>(3)</u>	10/29/2014	Common Stock	10,
Restricted Stock Units	\$ 0 (1)	08/01/2008		M		15,461	08/01/2008	(2)	Common Stock	15,
Stock Option (right to buy)	\$ 17.29						<u>(3)</u>	08/01/2015	Common Stock	46,1
Restricted Stock Units	\$ 0 (1)						08/04/2009	(2)	Common Stock	15,′
Stock Option (right to buy)	\$ 15.45						<u>(4)</u>	08/04/2016	Common Stock	47,1
Restricted Stock Units	\$ 0 (1)						10/06/2009	<u>(2)</u>	Common Stock	3,3
Stock Option (Right to Buy)	\$ 40.03						(5)	08/02/2017	Common Stock	19,1
Restricted Stock Units	\$ 0 (1)						08/02/2010	(2)	Common Stock	8,1
Stock Option (Right to	\$ 127.21	07/31/2008		A	5,486		<u>(6)</u>	07/31/2018	Common Stock	5,4

Buy)

Restricted

Stock \$ 0 (1) 07/31/2008 A 2,948 07/31/2011 (2) Common Stock

Units

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MACK RICHARD L 3033 CAMPUS DRIVE SUITE E490 PLYMOUTH, MN 55441

Senior Vice President

Signatures

s/ Richard L. Mack 08/04/2008

**Signature of Date
Reporting Person

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) This Stock Option is 100% exercisable.
- (4) Grant Date 08/04/2006; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.
- (5) Grant Date 08/02/2007; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.
- (6) 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.

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.

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