BEUG NORN	MAN B									
Form 4										
July 29, 2009	Л	CD STATES					NGE (COMMISSION		PPROVAL 3235-0287
Washington, D.C. 20549Washington, D.C. 20549Check this box if no longer subject to Section 16.STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF 								ge Act of 1934, of 1935 or Sectio	Expires: January 20 Estimated average burden hours per response	
(Print or Type R	esponses)									
BEUG NORMAN B Symbol				Name and C CO [M		[radin	g	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of	Earliest Tra	ansaction			(Che	ck all applicable	5)
C/O THE M COMPANY DRIVE, SUI	, 3033 CAMF	PUS	(Month/Da 07/27/20					Director X Officer (giv below) Senio		6 Owner er (specify nt
	(Street)			ndment, Dat th/Day/Year)	-			6. Individual or J Applicable Line) _X_ Form filed by		
PLYMOUT	H, MN 55441								More than One Re	
(City)	(State)	(Zip)	Table	e I - Non-D	erivative S	ecuri	ties Ac	quired, Disposed o	of, or Beneficial	lly Owned
1.Title of Security (Instr. 3)	2. Transaction (Month/Day/Y	ear) Executi any	emed	3. Transactio Code (Instr. 8)	4. Securit onAcquired Disposed (Instr. 3, -	ies (A) o of (D 4 and (A) or	r)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership	•
Common Stock						. ,		39,729	D	

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)	A. Deemed Execution Date, if any (Month/Day/Year)	4. Transac Code (Instr. 8	ctio 8)	Securit	ivative ties red sed of	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)	\$ 15.0312							<u>(1)</u>	02/22/2010	Common Stock	1,433
Stock Option (Right to Buy)	\$ 15.0312							<u>(1)</u>	02/22/2010	Common Stock	2,500
Stock Option (Right to Buy)	\$ 13.55							<u>(1)</u>	02/28/2011	Common Stock	2,333
Stock Option (Right to Buy)	\$ 10.71							<u>(1)</u>	11/05/2011	Common Stock	2,918
Stock Option (Right to Buy)	\$ 10.76							(1)	01/02/2013	Common Stock	22,000
Stock Option (Right to Buy)	\$ 10.19							<u>(1)</u>	01/02/2014	Common Stock	40,000
Stock Option (Right to Buy)	\$ 17.29							<u>(1)</u>	08/01/2015	Common Stock	18,553
Restricted Stock Units	\$ 0 <u>(2)</u>							08/04/2009	(3)	Common Stock	14,458
Stock Option (Right to Buy)	\$ 15.45							<u>(4)</u>	08/04/2016	Common Stock	43,375

Restricted Stock Units	\$ 0 <u>(2)</u>				10/06/2009	(3)	Common Stock	3,088
Stock Option (Right to Buy)	\$ 40.03				<u>(5)</u>	08/02/2017	Common Stock	19,368
Restricted Stock Units	\$ 0 <u>(2)</u>				08/02/2010	(3)	Common Stock	8,119
Stock Option (Right to Buy)	\$ 127.21				(6)	07/31/2018	Common Stock	4,755
Restricted Stock Units	\$ 0 <u>(2)</u>				07/31/2011	(3)	Common Stock	2,555
Stock Option (Right to Buy)	\$ 52.72	07/27/2009	A	7,813	(7)	07/27/2019	Common Stock	7,813
Restricted Stock Units	\$ 0 <u>(2)</u>	07/27/2009	А	7,398	07/27/2012	(3)	Common Stock	7,398

Reporting Owners

Reporting Owner Name / Address	Relationships							
r g i i i i i i i i i i i i i i i i i i	Director	10% Owner	Officer	Other				
BEUG NORMAN B C/O THE MOSAIC COMPANY 3033 CAMPUS DRIVE, SUITE E490 PLYMOUTH, MN 55441			Senior Vice President					
Signatures								
/s/ Richard L. Mack, Attorney-in-Fact f Beug	for Norma	n B.	07/29/2009					
<u>**</u> 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) This Stock Option is 100% exercisable.

(2) One-for-One

(3) Not Applicable

- (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.
- (7) 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.

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.