Israel James Form 4 September 01, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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if no longer subject to Section 16. Form 4 or Form 5

Check this box

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Israel James			2. Issuer Name and Ticker or Trading Symbol DEERE & CO [DE]	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (Mic		(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
ONE JOHN DEERE PLACE		CE	(Month/Day/Year) 09/01/2010	Director 10% Owner _X Officer (give title Other (specify below) President, John Deere Credit		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
MOLINE, IL 61265			Filed(Month/Day/Year)			

	(City)	(State)	(Zip) Table	e I - Non-D	erivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficiall	y 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. Securit r(A) or Dis (Instr. 3, 4	sposed	of (D)	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)
(\$1 Par Common Stock (1)	09/01/2010		M	12,948	A	\$ 34.44	68,157	D	
(\$1 Par Common Stock (1)	09/01/2010		S	12,948	D	\$ 66	55,209 (2)	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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)	FransactionDerivative Code Securities		Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) Instr. 3, 4,		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
Market Priced Options (1) (3)	\$ 34.44	09/01/2010		M	12,9)48	12/07/2008	12/07/2015	Common Stock	12,948

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Israel James ONE JOHN DEERE PLACE MOLINE, IL 61265			President, John Deere Credit				

Signatures

/s/ Paul Wilczynski, Assistant Secretary, Deere & Company, Under Power of
Attorney

09/01/2010

**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) Exercise of Rule 16b-3 employee stock options and related sale of shares pursuant to a Rule 10(b)5-1 option exercise plan executed on 3 June 2010.
- (2) Includes 50,210 restricted stock units granted under the John Deere Omnibus Equity and Incentive Plan to be settled solely in shares.
- (3) All options include the ability to withhold shares upon the exercise of the option to satisfy income tax obligations.

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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