

Mack Michael J
 Form 4
 December 20, 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 *
 Mack Michael J

2. Issuer Name and Ticker or Trading Symbol
 DEERE & CO [DE]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 ONE JOHN DEERE PLACE

3. Date of Earliest Transaction (Month/Day/Year)
 12/20/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 President WW C&F Division

(Street)
 MOLINE, IL 61265

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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: Indirect Beneficial Ownership (Instr. 4) |
|-------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------|
| \$1 Par Common Stock ⁽¹⁾ | 12/20/2010 | | M | 17,031 A | \$ 39,665 89,243 | D | |
| \$1 Par Common Stock ⁽¹⁾ | 12/20/2010 | | S | 17,031 D | \$ 81.65 72,212 ⁽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. 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) | Amount or Number of Shares |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|----------------------------|
| Market Priced Options (1) (3) | \$ 39.665 | 12/20/2010 | | M | 17,031 | 12/17/2010 12/17/2018 | Common Stock | 17,031 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|------------------------------------------------------------|---------------|-----------|---------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Mack Michael J ONE JOHN DEERE PLACE MOLINE, IL 61265 | | | President WW C&F Division | |

Signatures

/s/ Paul Wilczynski, Assistant Secretary, Deere & Company, Under Power of Attorney 12/20/2010

**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 options and related sales of shares pursuant to a Rule 10b5-1 option exercise plan executed on June 3, 2010.
- (2) Includes 48,483 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.