MONSANTO CO /NEW/ Form 11-K June 04, 2004

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington D.C. 20549

FORM 11-K

[X] ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2003

OR

[] TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _______to _____

Commission file number 1-16167

A. Full title of the plan and the address of the plan, if different from that of issuer named below:

MONSANTO SAVINGS AND INVESTMENT PLAN 800 North Lindbergh Boulevard St. Louis, Missouri 63167

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

MONSANTO COMPANY 800 North Lindbergh Boulevard St. Louis, Missouri 63167

MONSANTO SAVINGS AND INVESTMENT PLAN

FINANCIAL STATEMENTS AND SUPPLEMENTAL SCHEDULES

FOR THE PLAN YEAR ENDED DEC. 31, 2003

AND

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

MONSANTO SAVINGS AND INVESTMENT PLAN

FINANCIAL STATEMENTS AND SUPPLEMENTAL SCHEDULES

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- 2. Schedule of Assets Held for Investment Acquired and Disposed of Within the Plan Year Ended Dec. 31, 2003
- 3. Schedule of Reportable Transactions for the Plan Year Ended Dec. 31, 2003

Supplemental Schedule 4 is omitted because of the absence of the conditions under which it is required.

Signature

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Monsanto Company Employee Benefits Plan Committee

We have audited the accompanying statements of net assets available for benefits of the Monsanto Savings and Investment Plan (the "Plan") as of Dec. 31, 2003 and 2002, and the related statement of changes in net assets available for benefits for the year ended Dec. 31, 2003. These financial

statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, such financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of Dec. 31, 2003 and 2002, and the changes in net assets available for benefits for the year ended Dec. 31, 2003, in conformity with accounting principles generally accepted in the United States of America.

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental schedules listed in the Table of Contents are presented for the purpose of additional analysis and are not a required part of the basic financial statements, but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental information by fund in the statements of net assets available for benefits and the statement of changes in net assets available for benefits is presented for the purpose of additional analysis rather than to present the net assets available for benefits and changes in net assets available for benefits of the individual funds. The supplemental schedules and supplemental information are the responsibility of the Plan's management. Such supplemental schedules and supplemental information have been subjected to the auditing procedures applied in our audits of the basic financial statements and, in our opinion, are fairly stated in all material respects when considered in relation to the basic financial statements taken as a whole.

/s/ DELOITTE & TOUCHE LLP

St. Louis, Missouri May 27, 2004

MONSANTO SAVINGS AND INVESTMENT PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS AS OF DEC. 31, 2003 AND 2002 (DOLLARS IN THOUSANDS)

2003

| Contributions receivable: | |
|------------------------------------------------------|----------------------|
| Employee Employer | \$ 1,3 4 |
| Investment receivables Investments: | 3,4 |
| Cash and temporary investments | 31,3 |
| Mellon Daily Liquidity Stock Index Fund* | 93,6 |
| Capital Guardian International Equity Fund | 48,9 |
| Debt securities including U.S. Government securities | 43,2 |
| Common stockPfizer Corporation* | 378,2 |
| Common stockPharmacia Corporation* | · |
| Common stockMonsanto Company* | 230 , 6 |
| Common stockSolutia Inc. | 2 |
| Common and preferred stockother | 316,2 |
| Investment contracts | 440,2 |
| Loans to participants | 16,7 |
| Total investments | 1,599,4 |
| TOTAL ASSETS | 1,604,7 |
| ESOP debt | 23,1 |
| Other liabilities | 3 , 6 |
| TOTAL LIABILITIES | 26 , 8 |
| NET ASSETS AVAILABLE FOR BENEFITS | \$1,577,9 ======= |