

MONSANTO CO /NEW/
Form FWP
April 12, 2011

Issuer Free Writing Prospectus, dated April 12, 2011
Filed pursuant to Rule 433(d)
Supplementing the Preliminary Prospectus Supplement dated April 12, 2011
Registration Statement No. 333-154917

FREE WRITING PROSPECTUS

April 12, 2011

\$300,000,000
Monsanto Company
2-3/4% Senior Notes due 2016

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|-------------------------------------|---|
| Issuer: | Monsanto Company |
| Ratings (Moody's/S&P/Fitch)*: | A2 / A+ / A+ (Stable / Stable / Stable) |
| Format: | SEC Registered |
| Ranking: | Senior Unsecured |
| Size: | \$300,000,000 |
| Trade Date: | April 12, 2011 |
| Settlement Date: | T+3; April 15, 2011 |
| Maturity: | April 15, 2016 |
| Interest Payment Dates: | April 15 and October 15, commencing October 15, 2011 |
| Benchmark Treasury: | UST 2.250% due March 31, 2016 |
| Benchmark Treasury Price and Yield: | 100-08; 2.196% |
| Spread to Benchmark Treasury: | 60 basis points |
| Yield to Maturity: | 2.796% |
| Coupon: | 2.750% |
| Day Count: | 30/360 |
| Public Offering Price: | 99.787% |
| Redemption Provisions: | Make-Whole T+10 basis points |
| Bookrunners: | Goldman, Sachs & Co. Merrill Lynch, Pierce, Fenner & Smith Incorporated Barclays Capital Inc. Mitsubishi UFJ Securities (USA), Inc. Citigroup Global Markets Inc. J.P. Morgan Securities LLC Morgan Stanley & Co. Incorporated RBS Securities Inc. Credit Agricole Securities (USA) Inc. Mizuho Securities USA Inc. Rabo Securities USA, Inc. Wells Fargo Securities, LLC BNY Mellon Capital Markets, LLC Fifth Third Securities, Inc. Santander Investment Securities Inc. SG Americas Securities, LLC Standard Chartered Bank The Williams Capital Group, L.P. UniCredit Capital Markets LLC |
| Co-Managers: | |
| CUSIP/ISIN: | 611662 BM8 / US611662BM89 |

* An explanation of the significance of ratings may be obtained from the rating agencies. Generally, rating agencies base their ratings on such material and information, and such of their own investigations, studies and assumptions, as they deem appropriate. The rating of the notes should be evaluated independently from similar ratings of other securities. A credit rating of a security is not a recommendation to buy, sell or hold securities and may be subject to review, revision, suspension, reduction or withdrawal at any time by the assigning rating agency.

The issuer has filed a registration statement (including a prospectus) with the SEC for the offering to which this communication relates. Before you invest, you should read the prospectus in that registration statement and other documents the issuer has filed with the SEC for more complete information about the issuer and this offering. You may get these documents for free by visiting EDGAR on the SEC Web site at www.sec.gov. Alternatively, the issuer, any underwriter or any dealer participating in the offering will arrange to send you the prospectus if you request it by calling Goldman, Sachs & Co. toll-free at (866) 471-2526 or by email to prospectus-ny@ny.email.gs.com or by calling Merrill Lynch, Pierce, Fenner & Smith Incorporated toll-free at (800) 294-1322.