SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 8-K

Current Report

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported) April 27, 2005		
	W.W. Grainger, Inc.	
(Exa	ct Name of Registrant as Specified in	n its Charter)
	Illinois	
	State or Other Jurisdiction of Incorp	poration)
1-5684		36-1150280
(Commission File Number)		(I.R.S. Employer Identification No.)
100 Grainger Parkway, Lake Forest, Illinois		60045-5201
(Address of Principal Executive Offices)		(Zip Code)
	(847) 535-1000	
(Regi	strant s Telephone Number, Includ	ing Area Code)
	Not Applicable	
(Former N	ame or Former Address, if Changed	Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

[] Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Edgar Filing: GRAINGER W W INC - Form 8-K

[]	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)		
[]	Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))		
[]	Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))		
•			
	1		

Item 1.01. Entry into a Material Definitive Agreement.

On April 27, 2005, the shareholders of W.W. Grainger, Inc. (the Company) approved the Company s 2005 Incentive Plan. The description of the 2005 Incentive Plan is incorporated by reference to pages 27 through 34 of the Company s Proxy Statement dated March 18, 2005.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: April 27, 2005

W.W. GRAINGER, INC.

By: /s/ P. O. Loux

P. O. Loux Senior Vice President, Finance and Chief Financial Officer

2