

W.W. GRAINGER, INC.
100 GRAINGER PARKWAY
LAKE FOREST, IL 60045

VOTE BY INTERNET

Before The Meeting - Go to www.proxyvote.com

Use the Internet to transmit your voting instructions and for electronic delivery of information. Vote by 11:59 P.M. Eastern Time on April 28, 2020. Have your proxy card in hand when you access the web site and follow the instructions to obtain your records and to create an electronic voting instruction form.

During The Meeting - Go to www.virtualshareholdermeeting.com/GWW2020

You may attend the meeting via the Internet and vote during the meeting. Have the information that is printed in the box marked by the arrow available and follow the instructions.

VOTE BY PHONE - 1-800-690-6903

Use any touch-tone telephone to transmit your voting instructions. Vote by 11:59 P.M. Eastern Time on April 28, 2020. Have your proxy card in hand when you call and then follow the instructions.

VOTE BY MAIL

Mark, sign and date your proxy card and return it in the postage-paid envelope we have provided or return it to Vote Processing, c/o Broadridge, 51 Mercedes Way, Edgewood, NY 11717.

TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS FOLLOWS:

D04140-Z76776

KEEP THIS PORTION FOR YOUR RECORDS
DETACH AND RETURN THIS PORTION ONLY

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED.

W.W. GRAINGER, INC.

The Board of Directors recommends you vote FOR the following:

1. Election of Directors

Nominees:

- | | |
|------------------------|---------------------------|
| 01) Rodney C. Adkins | 07) Beatriz R. Perez |
| 02) Brian P. Anderson | 08) Michael J. Roberts |
| 03) V. Ann Hailey | 09) E. Scott Santi |
| 04) Stuart L. Levenick | 10) Susan Slavik Williams |
| 05) D.G. Macpherson | 11) Lucas E. Watson |
| 06) Neil S. Novich | |

For All ☐ Withhold All ☐ For All Except ☐

To withhold authority to vote for any individual nominee(s), mark "For All Except" and write the number(s) of the nominee(s) on the line below.

The Board of Directors recommends you vote FOR proposals 2 and 3.

2. Proposal to ratify the appointment of Ernst & Young LLP as independent auditor for the year ending December 31, 2020.
3. Say on Pay: To approve on a non-binding advisory basis the compensation of the Company's Named Executive Officers.

For Against Abstain

☐ ☐ ☐

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NOTE: In their discretion upon such other matters as may properly come before the meeting or any adjournment or postponement thereof.

Please sign exactly as your name(s) appear(s) hereon. When signing as attorney, executor, administrator, or other fiduciary, please give full title as such. Joint owners should each sign personally. All holders must sign. If a corporation or partnership, please sign in full corporate or partnership name by authorized officer.

Signature [PLEASE SIGN WITHIN BOX] Date

Signature (Joint Owners) Date

Important Notice Regarding the Availability of Proxy Materials for the Annual Meeting:

The Notice and Proxy Statement and Annual Report are available at www.proxyvote.com.

D04141-Z76776

**W.W. GRAINGER, INC.
Annual Meeting of Shareholders
April 29, 2020 10:00 AM CDT
This proxy is solicited by the Board of Directors**

The undersigned hereby appoints D.G. Macpherson, Thomas B. Okray, and John L. Howard, and each of them, proxies of the undersigned with full power of substitution to represent the undersigned and to vote all of the shares of the Common Stock of W.W. Grainger, Inc., which the undersigned is entitled to vote at the Annual Meeting of Shareholders of W.W. Grainger, Inc. to be held on April 29, 2020 and at any and all adjournments thereof, with all the powers the undersigned would possess if personally present and voting.

A majority of proxies or substitutes who shall be present at the meeting may exercise all powers hereunder. All proxies will be voted as specified. **If no specification is made, the proxy will be voted FOR items 1, 2 and 3. The proxy holders reserve the right to cumulate votes and cast such votes in favor of the election of some or all of the applicable director nominees in their sole discretion.**

Continued and to be voted, signed and dated on reverse side