

NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/  
 Form 424B3  
 May 30, 2017

**Filed Under Rule 424(b)(3), Registration Statement No. 333-199914**  
**Pricing Supplement Number 452 Dated Tuesday, May 30, 2017**  
**(To: Prospectus Dated November 6, 2014 and Prospectus Supplement Dated November 10, 2014)**

CUSIP Number	Principal Amount	Selling Price	Gross Concession	Net Proceeds	Coupon Type	Coupon Rate	Coupon Frequency	Maturity Date	1 <sup>st</sup> Coupon Date
63743FD78	[]	100%	1.250%	[]	Fixed	2.400%	MONTHLY	06/15/2022	07/15/2014

**Redemption Information: Non-Callable**

<p>National Rural Utilities Cooperative Finance Corp</p>	<p>Offering Dates: Tuesday, May 30, 2017 through Monday, June 5, 2017                  Trade Date: Monday, June 5, 2017 @12:00 PM ET                  Settlement Date: Thursday, June 8, 2017                  Minimum Denomination/Increments:\$1,000.00/\$1,000.00                  Initial trades settle flat and clear SDFS: DTC Book Entry only                  DTC number: 0235 via RBC Dain Rauscher Inc.</p> <p>Agents: Incapital, LLC, Citigroup, Comerica Securities, J.J.B. Hilliard, W.L. Lyons, Inc., Wells Fargo</p> <p>If the maturity date or an interest payment date for any note is not a Business Day (as term is defined in Prospectus), principal, premium, if any, and interest for that note is paid on the next Business Day, and no interest will accrue from, and after, the maturity date or interest payment date.</p>	<p>National Rural Utilities Cooperative Finance Corp                  Prospectus Dated November 6, 2014</p>
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