DOW CHEMICAL CO /DE/ Form 424B3 November 21, 2011

## Filed under 424(b)(3), Registration Statement No. 333-164985

Pricing Supplement No. 101 - Dated Monday, November 21, 2011 (To: Prospectus Dated February 19, 2010, and Prospectus Supplement Dated February 19, 2010)

The information in this preliminary pricing supplement is not complete and may be changed. This preliminary pricing supplement and the accompanying prospectus supplement and prospectus are not offers to sell these securities and are not soliciting an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

Subject to completion

Preliminary Pricing Supplement dated

CUSIP	Principal	Gross	Net	Coupon	Coupon	Maturity	1st Coupon	1st Coupon	Survivor	s Product
Number	Amouselling Price	oncession	Proceeds	Rate	Frequency	Date	Date	Amount	Option	Ranking
26054LNQ2	100%	1.250%		2.500%	Semi-Annual	12/15/2016	06/15/2012	\$13.47	Yes	Senior Unsecured Notes

Redemption Information: Callable at 100.000% on 12/15/2012 and every coupon date thereafter

Joint Lead Managers and Lead Agents: BofA Merrill Lynch, Incapital LLC Agents: Citi, Merrill Lynch, Morgan Stanley, UBS Securities LLC, Wells Fargo Advisors, LLC

The Dow Chemical Company InterNotes will be subject to redemption at the option of The Dow Chemical Company, in whole on the interest payment date occurring on 12/15/2012 and on any interest payment date thereafter at a redemption price equal to 100% of the principal amount of the The Dow Chemical Company InterNotes plus accrued interest thereon, if any, upon at least 30 days prior notice to the noteholder and the trustee, as described in the prospectus.

26054LNR0	100% 1.450%	3.500% Semi-Annual 12/15/2018	06/15/2012 \$18.86	Yes Senior Unsecured Notes

Redemption Information: Callable at 100.000% on 12/15/2012 and every coupon date thereafter

Joint Lead Managers and Lead Agents: BofA Merrill Lynch, Incapital LLC Agents: Citi, Merrill Lynch, Morgan Stanley, UBS Securities LLC, Wells Fargo Advisors, LLC

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## Edgar Filing: DOW CHEMICAL CO /DE/ - Form 424B3

 26054LNS8
 100%
 1.800%
 4.100%
 Semi-Annual
 12/15/2021
 06/15/2012
 \$ 22.09
 Yes
 Senior Unsecured Notes

 Redemption Information:
 Callable at 100.000% on 12/15/2012 and every coupon date thereafter
 Yes
 Senior Unsecured Notes

Joint Lead Managers and Lead Agents: BofA Merrill Lynch, Incapital LLC Agents: Citi, Merrill Lynch, Morgan Stanley, UBS Securities LLC, Wells Fargo Advisors, LLC

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	Trade Date: Monday, November 28, 2011 @ 12:00 PM	The Dow Chemical Company		
	ET Settle Date: Thursday, December 1, 2011	The Dow Chemical Company InterNotes		
	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			
The Dow Chemical Company 2030 Willard H. Dow Center	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			
Midland MI 48674	business day, and no interest will accrue from, and after, the maturity date or interest payment date.			

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