February 2013

Presentation for Investors

2013 Mizuho Investment Conference in Tokyo

Sponsored by Mizuho Securities in Tokyo on February 26-28, 2013

Nissan Chemical Industries (NCI)

R&D oriented chemical company

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*FY2011 R&D expenses/sales: NCI 9.2%

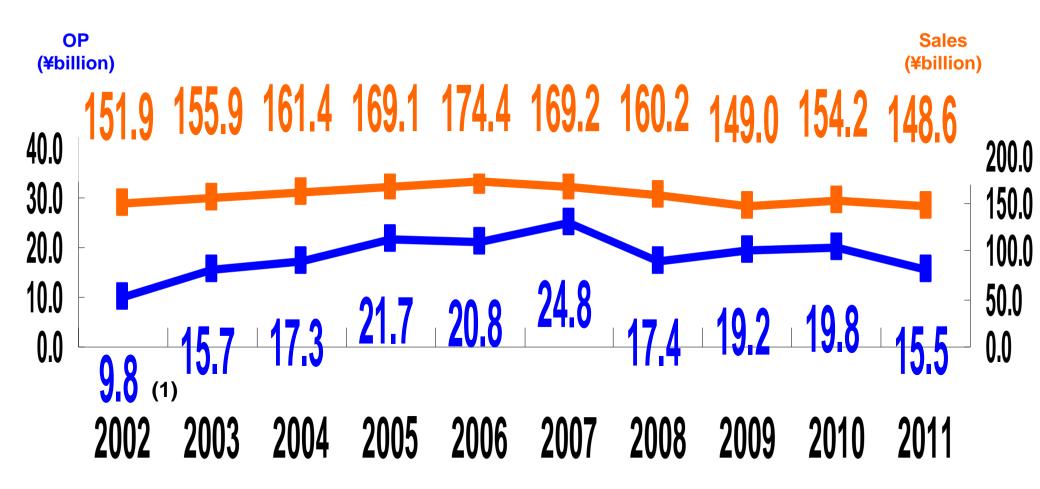
(1st among 31 chemical companies)

31 companies average 4.2%

*FY2011 = 1 Apr 2011~ 31 Mar 2012
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- 41% of profession staff assigned to R&D centers
- Core business
 - Electronic Materials, Organic/Inorganic Materials, Agrochemicals, Pharmaceuticals
 - Diversified product portfolio, products holding strong market positions
- Priority on OP margin and ROE
 - •OP margin (FY2011) 10.4%
 - •ROE (FY2011) 9.5%
- Recording stable profits despite cyclical nature of chemical sector
 - Only two companies recorded more than 10% OP margin in nine consecutive years (FY2003-2011) among 31 companies
 - •FY2007-2011 Average ROE 12.0%

Long-term Financial Performance Trend



(1) 2002 = From April 1, 2002 to March 31, 2003

Long Term Financial Performance Trend

_										<u>-</u>
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Sales	151.9	155.9	161.4	169.1	174.4	169.2	160.2	149.0	154.2	148.6
Operating Profit	9.8	15.7	17.3	21.7	20.8	24.8	17.4	19.2	19.8	15.5
Ordinary Income	8.6	14.6	17.4	21.3	21.2	24.4	16.9	19.2	19.4	15.9
Net Income	4.0	8.7	11.3	13.7	14.0	15.5	10.1	12.8	13.0	11.0
EBITDA	20.7	26.1	26.9	31.6	30.5	34.5	27.6	30.1	30.2	25.9
OP Margin	6.5%	10.0%	10.7%	12.8%	12.0%	14.6%	10.9%	12.8%	12.9%	10.4%
ROE(%)	6.7%	13.4%	15.2%	16.1%	14.7%	15.6%	10.3%	12.6%	11.9%	9.5%
EPS(¥)	21.16	46.21	59.77	72.73	75.43	85.15	57.26	74.00	75.94	64.52
Dividend(¥/share)	9	11	11	15	20	20	22	24	24	24
Purches of treasury shares	-	-	-	-	4.7	5.0	8.0	-	2.8	-
Net Assets	60.6	69.2	78.5	92.0	98.1	100.1	95.7	106.5	112.4	119.6
Liabilities with interest	68.5	57.4	44.6	41.5	32.4	34.4	45.5	42.1	39.9	38.9
D/E ratio (1)	108.2%	78.0%	53.7%	38.5%	23.2%	27.2%	37.1%	26.0%	16.9%	9.3%
Equity ratio	35.4%	40.1%	46.4%	50.2%	55.3%	58.0%	55.5%	58.7%	60.7%	62.4%
Capex	18.8	6.6	6.6	9.2	12.1	10.9	13.9	10.1	9.6	8.3
Depreciation	10.9	10.4	9.6	9.9	9.7	9.7	10.2	11.0	10.4	10.5
R&D Expenses	7.5	8.7	8.6	9.2	9.9	12.5	13.7	13.1	12.6	13.6
R&D Expenses/Sales(%)	4.9%	5.6%	5.3%	5.4%	5.7%	7.4%	8.6%	8.8%	8.2%	9.2%
Number of employees (parent company)	1,514	1,505	1,502	1,502	1,558	1,614	1,657	1,710	1,750	1,730

⁽¹⁾ D/E ratio = (Borrowings - Cash) / Shareholders' equity (%)

New Segmentation (From 2Q 2011)

- ♦ Reflecting organizational changes implemented in June 2011
- ◆Major organizational change

Creation of Performance Materials Division to consolidate Electronic Materials Division and Inorganic Materials Division aiming to strengthen performance materials business which is identified as our major growth engine

- ◆Major changes in segmentation

 - **Creation of Performance Materials** → **Electronic Materials** + **Inorganic Materials**
 - **Change in Chemicals**

→ Inorganic Materials shifted to Performance Materials Creation of Fine Chemicals subsegment, abolishment of Organic Materials subsegment Environmental Chemicals (HI-LITE) shifted from basic Chemicals to Fine Chemicals

Former Segmentation						
Segment	Main Products					
Chem	Organic Materials	TEPIC Melamine cyanurate Custom Chemicals				
	Inorganic Materials	SNOWTEX Organo sillica sol Alumina sol SUNCOLLOID CELNAX				
	Basic Chemicals	Melamine Urea, AdBlue HI-LITE Ammonia, Sulfuric acid, Nitric acid High purity chemicals				
Electronic Materials	SUNEVER, BARC NHC Multi layer process ma Micro lens	aterials				
Agro Chem	Agro	Herbicides Insecticides Fungicide				
Pharma	LIVALO					
Trading	Nissei Corporation]				
Others	Nissan Butsuryu, Nissan Green & Landscape, Nissan Engineering, Fertilizer					
Adjustment	R&D expenses of Advance	d Materials & Planning Dept. included				

New Segmentation					
Segment	Main Products				
Chem	Fine Chemicals	TEPIC Melamine cya HI-LITE Custom Chen			
	Basic Chemicals	Melamine Urea, AdBlue	ric acid, Nitric acid		
Performance Materials					
Agro Chem	Agro	Herbicides Insecticides Fungicide			
Pharma	LIVALO]			
Trading	Nissei Corporation				
Others	Nissan Butsuryu, Nissan Green & Landscape, Nissan Engineering, Fertilizer				
Adjustment	R&D expenses of Advance	d Materials & Plar	nning Dept. included		

Diversified Product Portfolio

♦ Consisting of products holding strong position in market

	(¥ billion)			NCI S POSITION
Chem	FY2011 Sales	TEPIC	Epoxy compound for painting, LED sealant, solder resist	Largest (World)
Fine Chemicals	11.0 (7.4%)	High purity sulfuric acid	Agents for cleaning semiconductors	Largest (Japan)
Basic	25.9	AdBlue	Urea to reduce NOx for diesel trucks	Among top 3 (Japan)
Chemicals Performance	(17.4%) 34.0	SUNEVER	LCD alignment coating	Major (Asia)
Materials	(22.9%)	BARC	Bottom-anti-reflective coating for semiconductor	Largest (Asia)
Agro	33.8 (22.7%)	SNOWTEX	Silica sol for polishing silicon wafer, catalyst, non-chrome electrical steel	Largest (Japan)
	(22.170)		sheet, etc.	
Pharma	10.0 (6.8%)	ROUNDUP	Non-selective herbicide	Largest (Japan)
	44.8	SIRIUS	Paddy rice herbicide	No.3 (Japan)
Trading	(30.2%)			
	20.0	LIVALO	Anti-cholesterol drug	No.3 (Japan)
Others	(13.4%)			6

NCI's Position

Sales and Operating Profit by New Segmentation (¥ billion)

		FY2	010	FY2	011	FY20)12E
	Chemicals	38.1	24.7%	36.9	24.8%	38.5	25.2%
	Performance Materials	38.0	24.6%	34.0	22.9%	37.2	24.3%
S _A	Agrochemicals	34.4	22.3%	33.8	22.7%	34.6	22.6%
SALES	Pharmaceuticals	9.6	6.2%	10.0	6.7%	9.0	5.9%
	Trading	44.1	28.6%	44.8	30.1%	47.2	30.8%
Æ	Others	27.0	17.5%	20.0	13.5%	22.7	14.8%
	Adjustment	-37.0	-24.0%	-30.9	-20.8%	-36.2	-23.7%
	Total	154.2	100%	148.6	100%	153.0	100%
•							
	Chemicals	2.4	12.1%	1.6	10.3%	2.3	13.4%
	Performance Materials	7.9	39.9%	4.8	31.0%	6.3	36.6%
	Agrochemicals	4.8	24.2%	4.4	28.4%	4.2	24.4%
유	Pharmaceuticals	4.4	22.2%	4.6	29.7%	4.0	23.3%
(B)	Trading	1.4	7.1%	1.3	8.4%	1.4	8.1%
	Others	1.0	5.1%	0.3	1.9%	0.4	2.3%
	Adjustment	-2.1	-10.6%	-1.5	-9.7%	-1.4	-8.1%
	Total	19.8	100%	15.5	100%	17.2	100%
	Chemicals		6.3%		4.3%		6.0%
~ 0	Performance Materials		20.8%		14.1%		16.9%
OP P	Agrochemicals		14.0%		13.0%		12.1%
OP Margin (C) = (B)/(A)	Pharmaceuticals		45.8%		46.0%		44.4%
rgi ()	Trading		3.2%		2.9%		3.0%
2 5	Others		3.7%		1.5%		1.8%
	Total		12.9%		10.4%		11.2%

		Marc	h 31,
		20 ⁻	12
S	Chemicals	31.6	16.6%
Segment	Performance Materials	31.5	16.6%
ne	Agrochemicals	44.6	23.5%
	Pharmaceuticals	12.4	6.5%
AS	Trading	16.5	8.7%
set	Others	9.5	5.0%
Assets (D)	Adjustment (Common Assets)	44.0	23.1%
D)	Total	190.1	100%

Chemicals

Trading

Others Total

Agrochemicals

Pharm aceuticals

ROA (E) = (B)/(D) **Performance Materials**

5.1%

15.2%

9.9%

7.9%

3.2%

8.1%

37.1%

Pro Forma Sales and Operating Profit by Former Segmentation(1)

		FY2	005	FY2	006	FY2	007	FY2	800	FY2	009	FY2	010
	Chemicals	50.2	29.7%	55.2	31.6%	60.7	35.9%	55.4	34.6%	46.1	30.9%	49.6	32.2%
	Electronic Materials	23.4	13.9%	22.8	13.1%	28.1	16.6%	23.2	14.5%	26.6	17.9%	26.2	17.0%
(0	Agrochemicals	35.8	21.1%	33.5	19.2%	33.2	19.6%	35.4	22.1%	33.8	22.7%	34.4	22.3%
SAL	Pharm ace uticals	5.1	3.0%	6.5	3.7%	8.1	4.8%	9.2	5.7%	9.5	6.4%	9.6	6.2%
П	Trading	35.7	21.1%	40.4	23.2%	47.0	27.8%	46.3	28.9%	41.3	27.7%	44.1	28.6%
S	Others (2)	53.4	31.6%	53.4	30.6%	28.0	16.5%	28.4	17.7%	27.4	18.4%	27.0	17.5%
	Adjustment	-34.4	-20.3%	-37.4	-21.4%	-35.9	-21.2%	-37.7	-23.5%	-35.7	-24.0%	-36.7	-23.8%
	Total	169.2	100%	174.4	100%	169.2	100%	160.2	100%	149.0	100%	154.2	100%
	Chemicals	4.6	21.3%	5.4	25.8%	6.3	25.4%	3.6	20.7%	2.6	13.5%	4.1	20.7%
	Electronic Materials	11.1	51.3%	9.4	45.0%	10.3	41.5%	4.9	28.2%	7.3	38.0%	6.2	31.3%
	Agrochemicals	3.7	17.2%	3.5	16.7%	4.1	16.5%	5.0	28.7%	4.7	24.5%	4.8	24.2%
유	Pharm ace uticals	1.2	5.6%	2.1	10.0%	3.9	15.7%	4.5	25.9%	4.6	24.0%	4.4	22.2%
Ū	Trading	0.8	3.8%	1.0	4.6%	1.0	4.0%	1.1	6.3%	1.1	5.7%	1.4	7.1%
	Others	0.9	4.1%	1.1	5.4%	0.8	3.2%	0.7	4.0%	1.0	5.2%	1.0	5.1%
	Adjustment	-0.7	-3.3%	-1.6	-7.4%	-1.6	-6.3%	-2.4	-13.8%	-2.1	-10.9%	-2.1	-10.6%
	Total	21.7	100%	20.8	100%	24.8	100%	17.4	100%	19.2	100%	19.8	100%
	Chemicals		9.2%		9.8%		10.3%		6.5%		5.6%		8.3%
0	Electronic Materials		47.4%		41.1%		36.8%		21.0%		27.4%		23.7%
ס	Agrochemicals		10.4%		10.4%		12.3%		14.0%		13.9%		14.0%
Ma	Pharm ace uticals		24.0%		32.2%		48.0%		49.5%		48.4%		45.8%
Margin	Trading		2.3%		2.4%		2.2%		2.4%		2.7%		3.2%
ם	Others		1.7%		2.1%		2.7%		2.5%		3.6%		3.7%
	Total		12.8%		11.9%		14.6%		10.9%		12.8%		12.9%

- (1) FY2005-2008 are restated based on new segmentation
- (2) Sales of Others decreased in FY2007 mainly due to spin-off of Nissan Agri (currently "Sun Agro", fertilizer company, FY2006 sales ¥27.7 billion)

1H FY2012 PL

	1H FY2011	1H FY2012	Change
Sales	69.8	71.1	1.3
Operating Profit	6.6	8.6	2.0
Non-Operating Income/Expenses	-0.1	-0.2	-0.1
Ordinary Income	6.5	8.4	1.9
Extraordinary Profit/Loss	-	-	-
Net Income	4.4	5.6	1.2
EBITDA (1)	11.5	13.0	1.5
EPS (¥)	25.88	33.63	7.75
Dividend (¥/share)	¥12	¥12	¥0
Total amount of Dividend	2.1	2.0	-0.1
OP Margin (%)	9.4%	12.1%	2.7%
FX Rate (¥/\$)	80	79	
Naphtha (¥/KL) (2)	57,000	55,500	
Comprehensive Income	4.0	5.0	

	(HOIIIIGH)
1H FY2012 Outlook as of May 2012	1H FY2012 Outlook as of July 2012
69.4	72.0
6.3	8.3
-0.2	-0.3
6.1	8.0
-	•
3.6	5.1
10.8	•
20.93	30.43
¥12	¥12
2.0	2.0
9.1%	11.5%
77	77
53,000	53,000

⁽¹⁾ EBITDA = Operating Profit + Depreciation

⁽²⁾ Based on Trade Statistics of Japan Ministry of Finance (1H FY2012: Based on April-August actual)

1H FY2012 Review

< Dividend >

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<vs. 1H FY2011>
              (Sales) • Up ¥1.3 billion (+1.9%) (+) Performance Materials, Agrochemicals, Pharmaceuticals, Trading
                                               (-) Chemicals
                (OP) ◆ Up ¥2.0 billion (+30.6%) (+) Performance Materials, Agrochemicals,
                                               (±) Chemicals, Pharmaceuticals, Trading
      (Non-Operating
Income and Expenses) ◆ Down ¥0.1 billion
    (Ordinary Income) ◆ Up ¥1.9 billion (+28.7%)
         (Net Income) ◆ Up ¥1.2 billion (+27.8%)
<vs. 1H FY2012 Outlook as of May 2012>
              (Sales) ◆ Up ¥1.7 billion
                                               (+) Performance Materials, Agrochemicals, Pharmaceuticals, Trading
                                               (-) Chemicals
                (OP) ◆ Up ¥2.3 billion
                                               (+) Chemicals, Performance Materials, Agrochemicals,
                                                   Pharmaceuticals, Trading
    (Ordinary Income) ◆ Up ¥2.3 billion
         (Net Income) ◆ Up ¥2.0 billion
<vs. 1H FY2012 Outlook as of July 2012 >
             (Sales) • Down ¥0.9 billion
                (OP) ◆ Up ¥0.3 billion
     (Non-Operating
Income and Expenses) ◆ Up ¥0.1 billion
   (Ordinary Income) • Up ¥0.4 billion
        (Net Income) ◆ Up ¥0.5 billion
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♦ ¥12 Same as 1H FY2012 Outlook as of May 2012

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1H FY2012

Non-Operating Income/Expenses, Extraordinary Profit/Loss, Comprehensive Income (¥billion)

mnranangiva incoma			•
mprenensive income	1H	1H	Chango
	FY2011	FY2012	Change
Non-Operating Income	0.91	1.13	0.22
Interest income, dividend income	0.33	0.31	-0.02
Equity in earnings of affiliates	0.08	0.30	0.22
Others	0.50	0.52	0.02
Non-Operating Expenses	0.96	1.32	0.36
Interest expense	0.23	0.19	-0.04
Loss on disposal of fixed assets	0.12	0.16	0.04
Loss on revaluation of investments in securities	0.01	0.26	0.25
Others	0.60	0.71	0.11
Extraordinary Profit	-	-	-
Extraordinary Loss	-	-	-
Comprehensive Income	4.00	5.00	1.00
Net income	4.40	5.63	1.23
Minority interests	0.04	0.04	0.00
Unrealized gains or losses on investment securities	0.05	-0.57	-0.62
Foreign currency translation adjustments	-0.49	-0.10	0.39

1H FY2012 Cash Flow

	1H	1H
	FY2011	FY2012
CF from operating activities	20.4	21.9
Profit before income tax	6.5	8.4
Depreciation & amortization	4.9	4.4
Tax	-3.1	-1.9
Working capital, others	12.1	11.0
CF from investing activities	-6.3	-4.8
Purchase of PPE	-4.9	-3.9
Others	-1.4	-0.9
CF from financing activities	-9.6	-22.6
Dividends paid	-2.0	-2.0
Borrowings	-7.5	-15.5
Purchase of treasury shares	0.0	-5.0
Others	-0.1	-0.1
Effect of FX rate changes on cash & cash equivalents	-0.4	-0.1
Change in cash & cash equivalents	4.1	-5.6
Cash & cash equivalents at end of period	25.2	22.3

1H FY2012 Balance Sheets

(¥billion)

	2011/9	2012/3	2012/9	Change
Current assets	100.1	118.4	101.0	-17.4
Cash	25.2	27.9	22.3	-5.6
Accounts receivable	40.2	55.5	43.4	-12.1
Inventories	29.7	29.4	30.1	0.7
Others	5.0	5.6	5.2	-0.4
Fixed assets	72.7	71.7	72.5	0.8
Total PPE(1)	45.8	44.7	45.8	1.1
Intangible assets	3.1	2.8	2.4	-0.4
Investment securities	21.4	22.3	21.5	-0.8
Others	2.4	1.9	2.8	0.9
Total assets	172.8	190.1	173.5	-16.6

(1) Increase in PPE	5.1
Depreciation	3.9
Retirement	0.1
Change	1.1

2011/9	2012/3	2012/9	Change
58.6	70.5	56.0	-14.5
12.7	17.3	14.8	-2.5
32.4	38.9	23.4	-15.5
13.5	14.3	17.8	3.5
114.2	119.6	117.5	-2.1
113.5	118.0	116.6	-1.4
1.5	2.0	1.5	-0.5
-1.7	-1.4	-1.5	-0.1
0.9	1.0	0.9	-0.1
172.8	190.1	173.5	-16.6
	58.6 12.7 32.4 13.5 114.2 113.5 -1.7 0.9	58.6 70.5 12.7 17.3 32.4 38.9 13.5 14.3 114.2 119.6 113.5 118.0 1.5 2.0 -1.7 -1.4 0.9 1.0	12.7 17.3 14.8 32.4 38.9 23.4 13.5 14.3 17.8 114.2 119.6 117.5 113.5 118.0 116.6 1.5 2.0 1.5 -1.7 -1.4 -1.5 0.9 1.0 0.9

(Equity Ratio) 65.6% 62.4% 67.2% Change in shareholders' equity -1.4

= Net Income 5.6 - Dividend 2.0 - Purchase of Treasury Share 5.0

(Blank)

FY2012 Outlook as of October 2012

(No revision as of February 2013)

	FY2011		FY2012E			Change			
	1H	2H	Total	1H	2H E	Total	1H	2H E	Total
Sales	69.8	78.8	148.6	71.1	83.9	155.0	1.3	5.1	6.4
Operating Profit	6.6	8.9	15.5	8.6	10.0	18.6	2.0	1.1	3.1
Non-Operating Income/Expenses	-0.1	0.5	0.4	-0.2	0.2	0.0	-0.1	-0.3	-0.4
Ordinary Income	6.5	9.4	15.9	8.4	10.2	18.6	1.9	0.8	2.7
Extraordinary Profit/Loss (1)	-	0.7	0.7	-	-	-	-	-0.7	-0.7
Net Income	4.4	6.6	11.0	5.6	7.0	12.6	1.2	0.4	1.6
EBITDA (2)	11.5	14.4	25.9	13.0	15.1	28.1	1.5	0.7	2.2
EPS (¥)	25.88	38.64	64.52	33.63	43.32	76.95	7.75	4.68	12.43
Dividend (¥/share)	¥12	¥12	¥24	¥12	¥12	¥24	0.0	0.0	0.0
Total amount of Dividend	2.1	2.0	4.1	2.0	2.0	4.0	-0.1	0.0	-0.1
OP Margin (%)	9.4%	11.3%	10.4%	12.1%	11.9%	12.0%	2.7%	0.6%	1.6%
FX Rate (¥/\$)	80	82		79	79				
Naphtha (¥/kl)	57,000	52,800		55,500	49,000				

(Hollila ‡)								
FY20	12 Out	look		12 Out				
as o	f May 2	2012	as of July 2012					
1HE	2HE	Total	1HE	2H E	Total			
69.4	83.6	153.0	72.0	81.0	153.0			
6.3	10.9	17.2	8.3	8.9	17.2			
-0.2	0.4	0.2	-0.3	0.5	0.2			
6.1	11.3	17.4	8.0	9.4	17.4			
-	-	-	-	-	-			
3.6	7.8	11.4	5.1	6.3	11.4			
10.8	16.4	27.2			27.2			
20.93	46.26	67.19	30.43	37.59	68.02			
¥12	¥12	¥24	¥12	¥12	¥24			
2.0	1.9	3.9	2.0	1.9	3.9			
9.1%	13.0%	11.2%	11.5%	11.0%	11.2%			
77	77		-	-				
53,000	53,000		-	-				
					•			

- (1) 2H FY2011: Gain on transfer of business +0.7
- (2) EBITDA = Operating Profit + Depreciation

2H FY2012 Outlook as of October 2012 (No revision as of February 2013)

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<vs. 2H FY2011>
                (Sales)
                            ◆Up ¥5.1 billion(+6.5%)
                                                     (+) Chemicals, Performance Materials, Agrochemicals, Trading
                                                     (-) Pharmaceuticals
                                                     (+) Chemicals, Performance Materials, Trading
                           ♦Up ¥1.1 billion(+12.4%)
                   (OP)
                                                     (-) Agrochemicals, Pharmaceuticals
        (Non-Operating
                            ◆Down ¥0.3 billion
  Income and Expenses)
      (Ordinary Income)
                            ◆Up ¥0.8 billion(+8.5%)
                           ◆Down ¥0.7 billion
          (Extraordinary
        Profit and Loss)
           (Net Income)
                            ◆Up ¥0.4 billion(+6.1%)
<vs. 2H FY2012 Outlook as of May 2012>
                (Sales)
                            ◆Up ¥0.3 billion
                                                     (+) Pharmaceuticals, Trading
                                                                                           (±) Agrochemicals
                                                     (-) Chemicals. Performance Materials
                   (OP)
                            ◆Down ¥0.9 billion
                                                     (+) Pharmaceuticals, Trading
                                                                                           (±) Chemicals, Agrochemicals
                                                     (-) Performance Materials
        (Non-Operating
                            ◆Down ¥0.2 billion
  Income and Expenses)
      (Ordinary Income)
                            ◆Down ¥1.1 billion
           (Net Income)
                            ◆Down ¥0.9 billion
<vs. 2H FY2012 Outlook as of July 2012>
                (Sales)
                            ◆Up ¥2.9 billion
                  (OP)
                            ♦Up ¥1.1 billion
        (Non-Operating
                            ◆Down ¥0.3 billion
  Income and Expenses)
      (Ordinary Income)
                            ◆Up ¥0.8 billion
           (Net Income)
                                                                                                                        16
                            ♦Up ¥0.7 billion
```

♦¥12 Same as 2H FY2012 Outlook as of May 2012

< Dividend >

Full Year FY2012 Outlook as of October 2012 (No revision as of February 2013)

```
<vs. FY2011>
                                                                                                                                                                     (+) Chemicals . Performance Materials. Agrochemicals. Trading
                                                 (Sales) ♦Up ¥6.4 billion(+4.3%)
                                                                                                                                                                      (-) Pharmaceuticals
                                                         (OP) $\rightarrow$Up \text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\text{\texi}\text{\text{\text{\text{\text{\texi}\text{\text{\text{\text{\texi}\titt{\text{\text{\text{\text{\text{\text{\text{\text{\tet
                                                                                                                                                                      (-) Pharmaceuticals
                      (Non-Operating
                                                                              ◆Down ¥0.4 billion
Income and Expenses)
              (Ordinary Income) ◆Up ¥2.7 billion(+17.0%)
                           (Extraordinary ◆Down ¥0.7 billion
                     Profit and Loss)
                               (Net Income) • Up ¥1.6 billion(+14.5%)
<vs. FY2012 Outlook as of May 2012>
                                                  (Sales) ◆Up ¥2.0 billion
                                                                                                                                                                      (+) Performance Materials, Agrochemicals, Pharmaceuticals, Trading
                                                                                                                                                                      (-) Chemicals
                                                       (OP)
                                                                             ♦Up ¥1.4 billion
                                                                                                                                                                      (+) Chemicals, Performance Materials, Agrochemicals,
                                                                                                                                                                                 Pharmaceuticals, Trading
                      (Non-Operating
                                                                              ◆Down ¥0.2 billion
Income and Expenses)
              (Ordinary Income)
                                                                             ◆Up ¥1.2 billion
                               (Net Income) ◆Up ¥1.2 billion
```

FY2012 Cash Flow Outlook as of October 2012

(No revision as of February 2013)

	FY2011	FY2012E	FY2012 Outlook as of May 2012
CF from operating activities	21.3	22.7	22.4
Profit before income tax	16.5	18.6	17.4
Depreciation & Amortization	10.5	9.5	10.0
Tax	-6.0	-4.5	-4.8
Working capital, others	0.3	-0.9	-0.2
CF from investing activities	-9.3	-11.0	-11.0
Purchase of PPE	-8.7	-10.4	-11.0
Others	-0.6	-0.6	0.0
CF from financing activities	-5.1	-10.1	-10.0
Dividends paid	-4.1	-4.0	-4.0
Borrowings	-1.0	-1.0	-1.0
Purchase of treasury shares	0.0	-5.0	-5.0
Others	0.0	-0.1	0.0
Effect of FX rate changes on cash & cash equivalents	-0.1	-0.1	0.0
Change in cash & cash equivalents	6.8	1.5	1.4
Cash & cash equivalents at end of period	27.9	29.4	29.3

FY2012 Sales Outlook by Segment as of October 2012

(No revision as of February 2013)

		FY2011		F	Y2012	E	(Change	ge	
	1H	2H	Total	1H 2HE Total			1H 2HE Total			
Chem	18.6	18.3	36.9	17.9	19.6	37.5	-0.7	1.3	0.6	
Fine Chemicals	5.9	5.0	10.9	5.6	6.2	11.8	-0.3	1.2	0.9	
Basic Chemicals	12.7	13.3	26.0	12.3	13.4	25.7	-0.4	0.1	-0.3	
Performance Materials	17.0	17.0	34.0	18.8	18.9	37.7	1.8	1.9	3.7	
Agro	12.5	21.3	33.8	13.4	21.7	35.1	0.9	0.4	1.3	
Pharma	5.2	4.8	10.0	5.3	4.3	9.6	0.1	-0.5	-0.4	
Trading	22.5	22.3	44.8	22.7	25.3	48.0	0.2	3.0	3.2	
Others	9.3	10.7	20.0	10.2	11.5	21.7	0.9	0.8	1.7	
Adjustment	-15.3	-15.6	-30.9	-17.2	-17.4	-34.6	-1.9	-1.8	-3.7	
Total	69.8	78.8	148.6	71.1	83.9	155.0	1.3	5.1	6.4	

FY2012 Outlook						
as of May 2012						
1HE	2H E	Total				
18.4	20.1	38.5				
5.7	6.1	11.8				
12.7	14.0	26.7				
17.5	19.7	37.2				
13.0	21.6	34.6				
4.9	4.1	9.0				
22.3	24.9	47.2				
9.2	13.5	22.7				
-15.9	-20.3	-36.2				
69.4	83.6	153.0				

FY2012 OP Outlook by Segment as of October 2012

(No revision as of February 2013)

	ı	FY2011		FY2012 E		Change			
	1H	2H	Total	1H	2H E	Total	1H	2HE	Total
Chem	0.8	8.0	1.6	8.0	1.7	2.5	0.0	0.9	0.9
Performance Materials	2.6	2.2	4.8	4.1	2.6	6.7	1.5	0.4	1.9
Agro	0.8	3.6	4.4	1.3	3.5	4.8	0.5	-0.1	0.4
Pharma	2.6	2.0	4.6	2.6	1.7	4.3	0.0	-0.3	-0.3
Trading	0.7	0.6	1.3	0.7	0.8	1.5	0.0	0.2	0.2
Others	0.0	0.3	0.3	0.1	0.4	0.5	0.1	0.1	0.2
Adjustment	-0.9	-0.6	-1.5	-1.0	-0.7	-1.7	-0.1	-0.1	-0.2
Total	6.6	8.9	15.5	8.6	10.0	18.6	2.0	1.1	3.1

FY2012 Outlook							
as of May 2012							
1HE	2HE Tota						
0.6	1.7	2.3					
2.7	3.6	6.3					
8.0	3.4	4.2					
2.3	1.7	4.0					
0.6	8.0	1.4					
0.1	0.3	0.4					
-0.8	-0.6	-1.4					
6.3	10.9	17.2					

1Q-3Q FY2012 PL

	1Q-3Q FY2011	1Q-3Q FY2012	Change
Sales	101.3	105.7	4.4
Operating Profit	7.6	11.2	3.6
Non-Operating Income/Expenses	0.4	0.4	0.0
Ordinary Income	8.0	11.5	3.5
Extraordinary Profit/Loss	0.7	0	-0.7
Net Income	5.6	7.6	2.0
EBITDA (1)	15.2	18.1	2.9
3Q EPS (¥)	32.77	45.83	13.1
OP Margin (%)	7.5%	10.6%	1.4%
FX Rate (¥/\$)	79.0	80.0	
Naphtha (¥/KL)	55,200	55,100	
Comprehensive Income	5.2	8.1	

⁽¹⁾ EBITDA = Operating Profit + Depreciation

1Q-3Q FY2012 Review

<vs. 1Q-3Q FY2011>

```
(Sales) ◆ Up ¥4.4 billion (+4.3%) (+) Performance Materials, Agrochemicals, Pharmaceuticals, Trading (-) Chemicals

(OP) ◆ Up ¥3.6 billion (+46.0%) (+) Performance Materials, Agrochemicals, Pharmaceuticals, Trading (-) Chemicals

(Ordinary Income) ◆ Up ¥3.5 billion (+42.4%)

(Net Income) ◆ Up ¥2.0 billion (+36.6%)
```

1Q-3Q FY2012

Non-Operating Income/Expenses, Extraordinary Profit/Loss,

Comprehensive Income	(¥billion)

1Q-3Q FY2011	1Q-3Q FY2012	Change
1.70	1.57	-0.13
0.02	0.02	0.00
0.50	0.44	-0.06
1.18	1.11	-0.07
1.25	1.21	-0.04
0.34	0.26	-0.08
0.12	0.30	0.18
0.01	0.26	0.25
0.78	0.39	-0.39
0.65	-	-0.65
-	-	-
5.18	8.06	2.88
5.58	7.61	2.03
0.05	0.07	0.02
-0.05	-0.04	0.01
-0.40	0.42	0.82
	FY2011 1.70 0.02 0.50 1.18 1.25 0.34 0.12 0.01 0.78 5.18 5.58 0.05 -0.05	FY2011 FY2012 1.70 1.57 0.02 0.02 0.50 0.44 1.18 1.11 1.25 1.21 0.34 0.26 0.12 0.30 0.01 0.26 0.78 0.39 5.18 8.06 5.58 7.61 0.05 0.07 -0.05 -0.04

1Q-3Q FY2012 Cash Flow

	1Q-3Q	1Q-3Q
	FY2011	FY2012
CF from operating activities	22.5	24.5
Profit before income tax	8.7	11.5
Depreciation & Amortization	7.6	6.9
Тах	-6.0	-4.3
Working capital, others	12.2	10.4
CF from investing activities	-8.6	-6.4
Purchase of investments in securities	-0.9	-0.1
Purchase of PPE	-7.4	-5.4
Others	-0.3	-0.9
CF from financing activities	-7.4	-22.1
Dividends paid	-4.1	-4.0
Borrowings	-3.2	-13.0
Purchase of treasury shares	0.0	-5.0
Others	-0.1	-0.1
Effect of FX rate changes on cash & cash equivalents	-0.3	0.4
Change in cash & cash equivalents	6.2	-3.6
Cash & cash equivalents at end of period	27.4	24.3

1Q-3Q FY2012 Balance Sheets

(¥billion)

	2011/12	2012/3	2012/12	Change
Current assets	108.7	118.4	106.7	-11.7
Cash	27.4	27.9	24.3	-3.6
Accounts receivable	38.8	55.5	40.7	-14.8
Inventories	35.3	29.4	35.6	6.2
Others	7.2	5.6	6.1	0.5
Fixed assets	72.4	71.7	71.8	0.1
Total PPE (1)	45.8	44.7	44.9	0.2
Intangible assets	2.9	2.8	2.2	-0.6
Investment securities	21.3	22.3	22.3	0.0
Others	2.4	1.9	2.4	0.5
Total assets	181.1	190.1	178.5	-11.6

	2011/12	2012/3	2012/12	Change
Liabilities	67.7	70.5	59.9	-10.6
Accounts payable	19.8	17.3	19.8	2.5
Borrowings	36.6	38.9	26.0	-12.9
Others	11.3	14.3	14.1	-0.2
Net assets	113.3	119.6	118.6	-1.0
Shareholders' equity	112.6	118.0	116.6	-1.4
Unrealized gains or losses on investment securities	1.4	2.0	2.0	0.0
Foreign currency translation adjustments	-1.6	-1.4	-1.0	0.4
Minority interests	1.0	1.0	1.1	0.1
Total liabilities & Net assets	181.1	190.1	178.5	-11.6

(Equity Ratio) 62.1% 62.4% 65.9%

Change in shareholders' equity -1.4

= Net Income 7.6 - Dividend 4.0 - Increase in Treasury Shares 5.0

(1) Increase in PPE 6.6 **Depreciation** -6.2 Retirement -0.2

Change 0.2

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FY2011- 12 Quarterly Sales by Segment

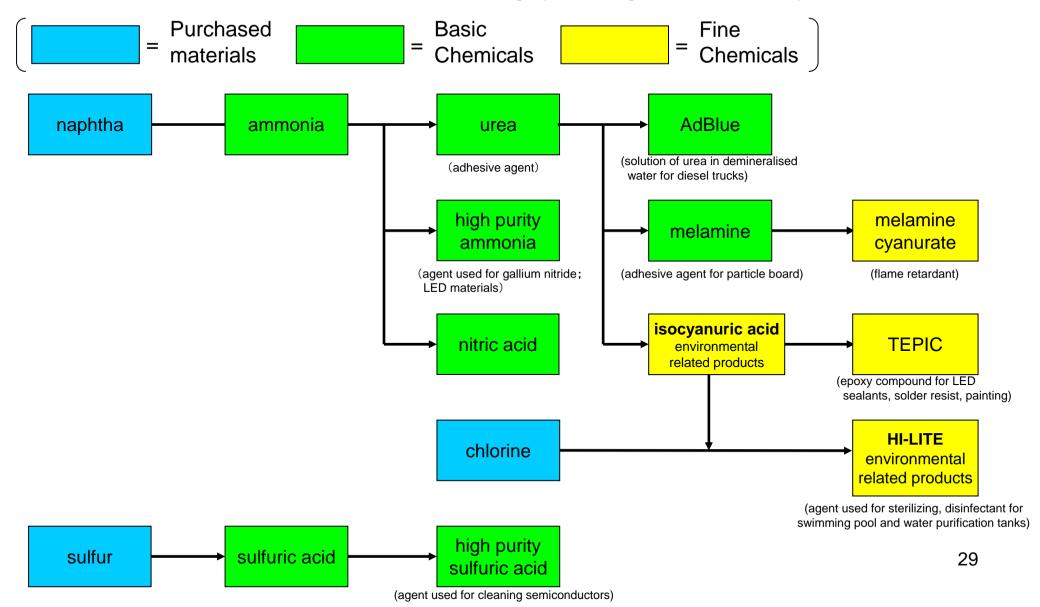
		FY2011				FY2	012	
	1Q	2Q	3Q	1-3Q Total	1Q	2Q	3Q	1-3Q Total
Chem	9.4	9.2	9.0	27.6	9.1	8.8	8.9	26.8
Fine Chemicals	3.0	2.9	2.4	8.3	2.9	2.7	2.4	8.0
Basic Chemicals	6.4	6.3	6.6	19.3	6.2	6.1	6.5	18.8
Performance Materials	8.7	8.3	8.6	25.6	9.5	9.3	9.5	28.3
Agro	7.1	5.4	3.7	16.2	8.3	5.1	4.6	18.0
Pharma	2.9	2.3	2.4	7.6	3.5	1.8	3.1	8.4
Trading	11.6	10.9	10.8	33.3	11.9	10.8	12.5	35.2
Others	4.6	4.7	4.3	13.6	3.9	6.3	4.6	14.8
Adjustment	-7.7	-7.6	-7.3	-22.6	-7.8	-9.4	-8.6	-25.8
Total	36.6	33.2	31.5	101.3	38.4	32.7	34.6	105.7

FY2011- 12 Quarterly OP by Segment

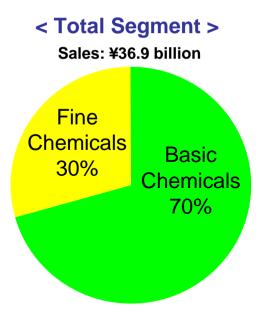
		FY2	011		FY2012				
	1Q	2Q	3Q	1-3Q Total	1Q	2Q	3Q	1-3Q Total	
Chem	1.0	-0.2	0.6	1.4	0.8	0.0	0.4	1.2	
Performance Materials	1.7	0.9	1.1	3.7	2.1	2.0	1.6	5.7	
Agro	1.2	-0.4	-1.5	-0.7	1.6	-0.3	-1.1	0.2	
Pharma	1.4	1.2	1.0	3.6	1.9	0.7	1.6	4.2	
Trading	0.4	0.3	0.3	1.0	0.4	0.3	0.4	1.1	
Others	0.0	0.0	-0.1	-0.1	-0.1	0.2	0.1	0.2	
Adjustment	-0.5	-0.4	-0.4	-1.3	-0.4	-0.6	-0.5	-1.5	
Total	5.2	1.4	1.0	7.6	6.3	2.3	2.5	11.1	
OP Margin	14.3%	4.0%	3.4%	7.5%	16.5%	6.8%	7.5%	10.6%	

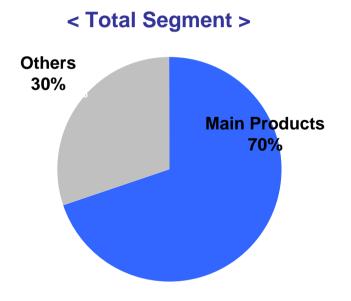
Chemicals – (1) Flow Chart of Selected Basic and Fine Chemicals Products

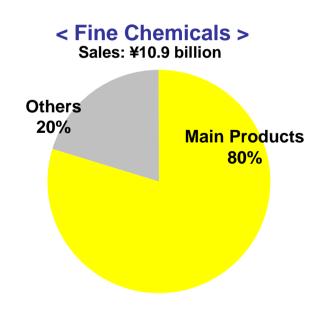
- Core products of Basic Chemicals: Ammonia related products and sulfuric acid related products
- **♦ FY2011** ammonia domestic market share 8%, large percentage of self-consumption of ammonia



Chemicals - 2 FY2011 Sales Distribution







Main Products (in order of sales amount)

< Total Segment >

Melamine

Environmental related products

TEPIC

Ammonia

High purity sulfuric acid

Sulfuric acid

Nitric acid

Custom Chemicals

Urea including AdBlue

Purity sulfuric acid

< Fine Chemicals >

Environmental related products

TEPIC

Custom Chemicals

< Basic Chemicals >

Melamine

Ammonia

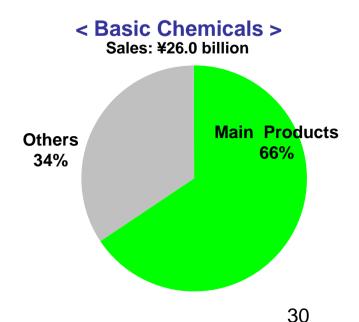
High purity sulfuric acid

Sulfuric acid

Nitric acid

Urea including AdBlue

Purity sulfuric acid



Chemicals – ③ Basic Chemicals Subsegment

		Sales YOY Change				
Product	Characteristics and Trend		FY2012 Outlook as of October 2012			
		1H Actual	2H E	Total	Actual	
Total Subsegment		-3%	+1%	-1%	-3%	
Melamine	◆ Mainly used as adhesive agent for particle board, medium density fiberboard, plywood (1H FY2012) Domestic sales slightly up, export declined due to strong yen and weak Asian market, vs. 1H 2011 (2H FY2012 E) Both domestic and export sales expected to decline vs. 2H FY2011 (1Q-3Q FY2012) Domestic sales up, export down due to strong yen and weak Asian market	-25%	-14%	-20%	-12%	
Urea including AdBlue	 ◆ Urea: mainly used for urea formaldehyde resin, adhesive agent ◆ AdBlue: solution of urea in demineralised water for diesel trucks to reduce NOx ◆ Sales increase continuing in 1H and 3Q v s. FY2011 	+35%	+26%	+30%	+34%	
High purity sulfuric acid	 ◆ Used to clean semiconductors ◆ Largest in domestic market ◆ Capacity expansion (+15%) completed in May 2011 to accommodate increase in demand ◆ Sales increase continuing in 1H and 3Q v s. FY2011 	+10%	+13%	+12%	+7%	

Four products account for 32% of total consolidated subsegment sales(FY2011)

Chemicals – 4 Fine Chemicals Subsegment

		Sales YOY Change				
Product	Characteristics and Trend	FY2012 Outlook as of October 2012			1Q-3Q FY2012	
		1H Actual	2H E	Total	Actual	
Total		-5%	+24%	+8%	-4%	
Subsegment		0,0	12170	1070	. , 6	
TEPIC	 ♠ Epoxy compound for : (A) electronic materials (solder resist, LED sealant), (B) general applications such as powder coating agent for paint (automobiles, electric appliances) ♠ World largest producer (1H FY2012) Sales for general applications down due to strong yen, sales for electronic materials slightly up, v s. 1H FY2011 (2H FY2012 E) Sales for both general applications and electronic materials up v s. 2H FY2011 (1Q-3Q FY2012) Sales for general applications down due to strong yen, sales for electronic materials flat 	-5%	+16%	+5%	-6%	
Environmental related products	♦ HI-LITE: made from chlorinated isocyanuric acid, used for sterilizing, disinfectant for swimming pool as well as water purification tank (1H FY2012) Weak domestic demand and decrease in export due to strong yen vs. 1H FY2011 (2H FY2012 E) Recovery in demand expected vs. 2H FY2011 (1Q-3Q FY2012) Weak demand continuing in both domestic and export markets	-16%	+16%	-3%	-12%	
Custom Chemicals	 ◆ Custom manufacturing and process researching services for pharmaceutical ingredients and intermediaries from pre-clinical to commercial production stages ◆ New plant completed in July 2010 (capex ¥ 2.0 billion) ◆ Increase in work on awarded contracts expected in 1H and 2H FY2012 vs. FY2011 (1Q-3Q FY2012) Sales decreased, but in line with expectations 	+3%	+48%	+23%	-5%	

Chemicals – ⑤ Profit Overview

(¥billion)

	FY2011			FY2012 E			Change		
	1H	2H	Total	1H	2H E	Total	1H	2H E	Total
Sales	18.6	18.3	36.9	17.9	19.6	37.5	-0.7	1.3	0.6
Fine Chemicals	5.9	5.0	10.9	5.6	6.2	11.8	-0.3	1.2	0.9
Basic Chemicals	12.7	13.3	26.0	12.3	13.4	25.7	-0.4	0.1	-0.3
OP	0.8	0.8	1.6	8.0	1.7	2.5	0.0	0.9	0.9

FY2011	FY2012	Change
1Q-3Q	1Q-3Q	1Q-3Q
27.6	26.8	-0.8
8.3	8.0	-0.3
19.3	18.8	-0.5
-		
1.4	1.2	-0.2

1H FY2012 Review

<vs. 1H FY2011>

(Fine Chemicals)

- Custom Chemicals sales up, TEPIC (general applications) and environmental related products sales down
- Fixed cost down
- ♦ Sales down, OP flat

(Basic Chemicals)

- Sales of urea, AdBlue, high purity sulfuric acid up, melamine export down
- Fixed cost down
- Sales down, OP flat

(Total Segment)

♦ Sales down ¥0.7billion, OP flat

2H FY 2012 Outlook as of October 2012

<vs. 2H FY2011>

(Fine Chemicals)

- Sales of major products up
- ♦ Sales up, OP up

(Basic Chemicals)

- Sales of urea, AdBlue, high purity sulfuric acid up, melamine down
- Fixed cost down
- ♦ Sales up, OP up

(Total Segment)

◆ Sales up ¥1.3billion, OP up ¥0.9billion

1Q-3Q FY2012 Review

<vs. 1Q-3Q FY2011>

(Fine Chemicals)

- Sales of TEPIC (general applications), environmental related products and Custom Chemicals down
- Custom Chemicals sales down, but in line with expectations
- Fixed cost down
- Sales down, OP down

(Basic Chemicals)

- ◆ Sales of urea, AdBlue, high purity sulfuric acid up
- Melamine export down, domestic sales up
- Fixed cost down
- Sales down, OP down

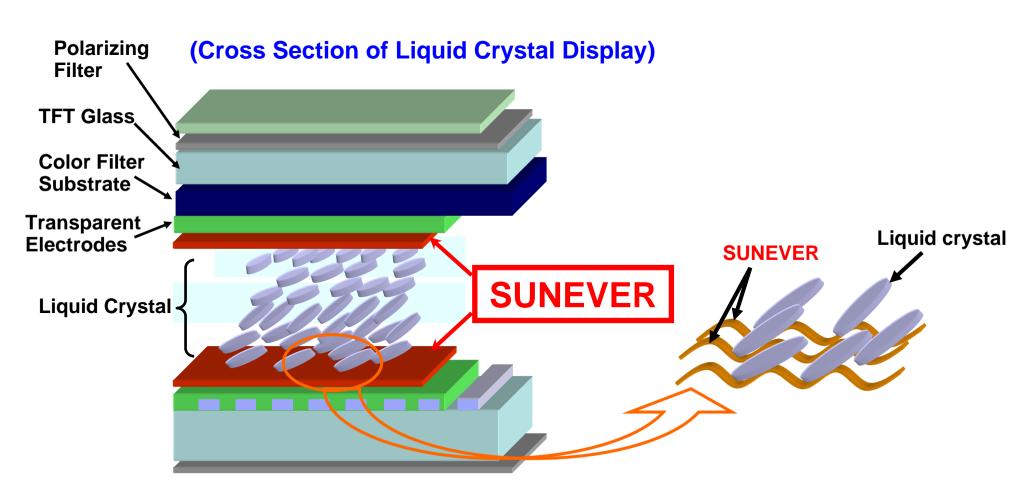
(Total Segment)

♦ Sales down ¥0.8billion, OP down ¥0.2billion

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Performance Materials – (1) SUNEVER

- Polyimide resin to align liquid crystal molecules in a certain direction
- ♦ Key component to control reaction speed of image, non erasable residual dots



Performance Materials – 2 Display Materials

1H FY 2012 Review

<vs. 1H FY2011>

- ◆ Total Display Materials sales up 31%, SUNEVER sales up 34%
- ◆ Substantial sales increase in IPS/FFS as well as VA. TN sales down
- ◆ 3D TV materials sales down due to customers' production cut

2H FY 2012 Outlook

<vs. 2H FY2011>

- ◆ Total Display Materials sales up 10%, SUNEVER sales up 14%
- ◆ Substantial sale increase in IPS/FFS as well as VA, TN sales down
- ♦ 3D TV materials sales down due to customers' production cut

1Q-3Q FY 2012 Review

<vs. 1Q-3Q FY2011>

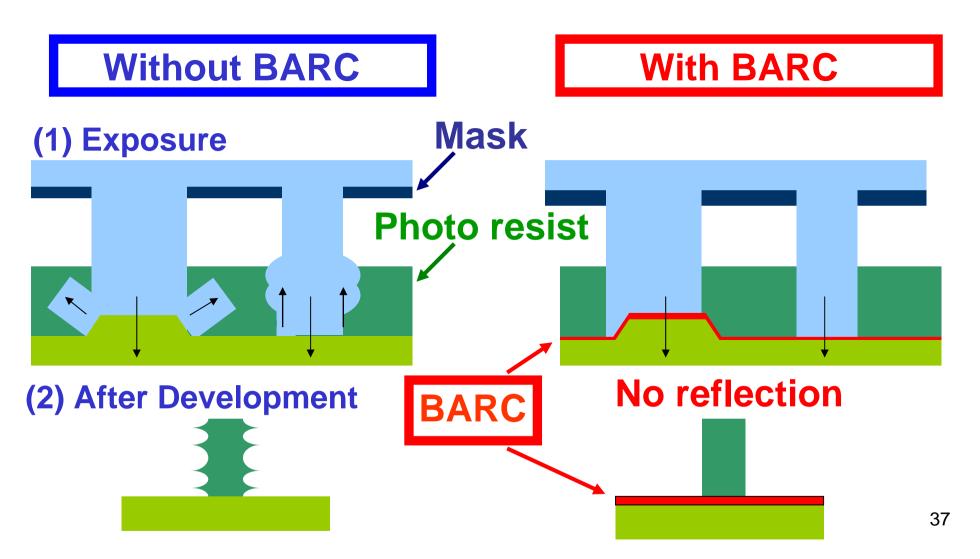
- ◆ Total Display Materials sales up 33%, SUNEVER sales up 37%
- ◆ Substantial sales increase in IPS/FFS as well as VA, TN sales down
- ◆ 3D TV materials sales down due to customers' production cut

	Sales YOY Change					
	FY2 as of	1Q-3Q FY2012				
	1H Actual	2H E	Total	Actual		
Total SUNEVER	+34%	+14%	+24%	+37%		
Other Display Materials (1)	-23%	-37%	-31%	-33%		
Total Display Materials	+31%	+10%	+20%	+33%		

(1) NHC(protective coating for touch panels), 3D TV materials, etc

Performance Materials – ③ BARC (bottom anti-reflective coating for semiconductor)

- Bottom anti-reflective coating for semiconductor lithography for eliminating reflections
- Demand for ArF increasing as lithography shifts to fine processing technology



Performance Materials – 4 Semiconductors Materials

1H FY 2012 Review <vs. 1H FY2011>

- ◆ Total Semiconductors Materials sales up 9%. BARC sales almost flat
- ◆ Other semiconductors materials (including multi layer process materials) sales up 139%

2H FY 2012 Outlook <vs. 2H FY2011>

- ◆ Total Semiconductors Materials sales up 9%, BARC sales down 2%
- ♦ KrF sales down, ArF almost flat
- Other semiconductors materials (including multi laver process materials) sales up 155%

1Q-3Q FY 2012 Review <vs. 1Q-3Q FY2011>

- ◆ Total Semiconductors Materials sales up 8%, BARC sales flat
- ◆ Other Semiconductors Materials (including multi laver process materials) sales up 137%

		Sales YOY Change				
		FY: as o	1Q-3Q FY2012			
		1H Actual	2H E	Total	Actual	
BA	BARC		-2%	-1%	+0%	
	KrF	-2%	-4%	-3%	+2%	
	ArF ₍₁₎	+3%	-1%	+1%	-1%	
Other Semiconductors Materials (2)		+139%	+155%	+148%	+137%	
To	tal Semiconductors Materials	+9%	+9%	+9%	+8%	

⁽¹⁾ Including Non-BARC application (2) Multi layer process materials, microlens, etc

♦ FY2012 capex program of NCK (Korean subsidiary) (approval basis)

Performance Materials – (5) Inorganic Materials

High performance inorganic colloidal materials

SNOWTEX

colloidal silica (water dispersed silica sol)

Organo sol

organic solvent dispersed silica sol

Alumina sol

water dispersed alumina hydrate sol

SUNCOLLOID

methanol dispersed tin oxide sol

Celnax

zinc antimonate sol

Dominant share in domestic market (SNOWTEX)

NCI's Advantages

- Wide variety of grades to accommodate diversified customer's needs
 - · · · particle diameter, surface treatment, concentration, PH, etc.
- Superiority in quality
 - · · · long-term product stability, large-sized sol, etc.

< Characteristics >

High transparency
High hydrophilicity
High heat resistance
High electro-conductivity
High hardness
Control refractive index
Increase friction
Increase bonding
Increase viscosity



< Key functions >

Coating

Binding

Polishing







< Application Examples >

Coating for plastic optical lenses, metals, plastic films

Catalyst carrier, Binder for ceramics

Polishing silicon wafer, aluminum/glass hard discs

Performance Materials – (6) Inorganic Materials

Inorganic Materials (SNOWTEX, Organo sol)

		Sales YOY Change (1)				
Product	Characteristics and Trend		012 Out October	1Q-3Q FY2012		
		1H Actual	2H E	Actual		
SNOWTEX	 ♦ Silica sol mainly for: (A) polishing materials (silicon wafer, aluminum and glass hard disk), (B) non-polishing materials (NOx reduction catalyst, automobile catalyst, chrome-free electrical steel sheet) ♦ Largest domestic producer ♦ New second plant in Toyama completed in March 2011(capacity +20%) (1H FY2012) Sales down due to sluggish demand for both polishing and non-polishing materials (2H FY2012 E) Recovery of demand for both applications expected compared to 2H FY2011 (1-3Q FY2012) Sales down due to sluggish demand for both polishing and non-polishing materials 	-8%	+31%	+9%	-5%	
Organo sol	◆ Used for hard coating materials, electronic information materials ◆ World largest producer (1H FY2012) Sales down due to sluggish demand (2H FY2012 E) Recovery in demand expected vs. 2H FY2011, but below expectaions as of May (1Q-3Q FY2012) Sales down due to sluggish demand	-12%	+10%	-2%	-20%	

(1) Non-consolidated basis

Performance Materials – 7 Profit Overview

(¥billion)

	FY2011		FY2012 E			Change			
	1H	2H	Total	1H	2H E	Total	1H	2H E	Total
Sales	17.0	17.0	34.0	18.8	18.9	37.7	1.8	1.9	3.7
OP	2.6	2.2	4.8	4.1	2.6	6.7	1.5	0.4	1.9

FY2011	FY2012	Change
1Q-3Q	1Q-3Q	1Q-3Q
25.6	28.3	2.7
3.7	5.7	2.0

1H FY 2012 Review

<vs. 1H FY2011>

- ♦ SUNEVER sales up (VA,IPS/FFS)
- Total semiconductors materials sales up (BARC flat, other materials up substantially)
- ♦ Sales of SNOWTEX and organo sol down
- Fixed cost down
- ◆ Sales up ¥1.8billion, OP up ¥1.5billion

2H FY 2012 Outlook as of October 2012

<vs. 2H FY2011>

- Sales increase in IPS/FFS as well as VA, sales decrease in TN and 3D TV materials
- Total semiconductors materials sales up (BARC down, other semiconductors materials up)
- Sales of SNOWTEX and organo sol up
- Fixed cost up
- Sales up ¥1.9billion, OP up ¥0.4billion

1Q-3Q FY2012 Review

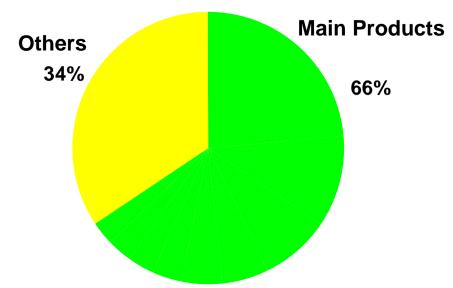
<vs. 1Q-3Q FY2011>

- SUNEVER sales up (VA,IPS/FFS up, TN down)
- ◆ Total Semiconductors Materials sales up (BARC flat, other materials up substantially)
- ◆ Sales of SNOWTEX and organo sol down
- Fixed cost down
- Sales up ¥2.7billion, OP up ¥2.0billion

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Agrochemicals – (1) Sales Distribution (before discount)





Main Products:

ROUNDUP (herbicide), SIRIUS (herbicide), PERMIT (herbicide), TARGA (herbicide), PULSOR(THIFLUZAMIDE, fungicide), STARMITE (miticide), LEIMAY (fungicide), BUTACHLOR (herbicide), SANMITE (insecticide)

	(before discount)				
	FY2011	FY2012E			
	/FY2010	/FY2011			
ROUNDUP					
SIRIUS					
PERMIT					
TARGA	→	→			
PULSOR					
(THIFLUZAMIDE)					
STARMITE					
LEIMAY					
BUTACHLOR	→				
SANMITE	→	→			
ALTAIR					
(NC-620)		40			

Non-consolidated

Sales YOY Change

Agrochemicals – 2

Stable profit center

Strengthening product portfolio by: in-house developed products, acquired products,

licensed-in products

(launch)	(products)
(FY2008)	LEIMAY (fungicide, in-house)
,	STARMITE (miticide, in-house)
(FY2009)	PULSOR (THIFLUZAMIDE) (fungicide, acquired from Dow)
	PREVATHON (insecticide, licensed from DuPont)
(FY2010)	AVH (herbicide, licensed from ZEN-NOH, Bayer and Hokko)
(FY2011)	ALTAIR(NC-620) (paddy rice herbicide, launched in Korea, in-house)
(FY2012)	ALTAIR(NC-620) (paddy rice herbicide, launched in Japan, in-house)
(FY2014)	Animal health product (for pets to exterminate tick and flea, licensing product)
(FY2014-16)	Fruits/vegetables/paddy rice insecticide (licensed-in product),
	Fruits/vegetables/tea insecticide (licensed-in product),
	Fruits/vegetables fungicide (licensed-in product),
(FY2019-)	Insecticide (in-house) (New addition)

- **♦** Full reconstruction of Biological Research Laboratories (FY2010-2015)
- ◆Acquired 3% share of IHARABRÁS (leading agro company in Brazil) in September 2011 to strengthen R&D and marketing capabilities in the rapidly growing market in Latin America
- Export sales account for about 20% of FY2011 non-consolidated segment sales (including sales through Trading segment)
 Asia:49%, Europe, Africa:24%, North/Central/South America:27%

Agrochemicals — ③ Non-consolidated Segment Sales (before discount)

	Non-consolidated Sales YOY Change (before discount)				
	F)	1Q-3Q FY2012			
	1H Actual	2H E	FY2012 E	Actual	
ROUNDUP	+12%	+3%	+6%	+16%	
Except ROUNDUP	+4%	+1%	+2%	+8%	
Total Segment	+6%	+2%	+3%	+9%	

	NCI Non-consolidated				
	Sales Distribution(before discount)				
	FY2010 FY2011				
Fungicide + Insecticide	3%	2%			
Insecticide	19%	18%			
Fungicide	11%	13%			
Herbicide	62%	65%			
Plant growth regulator	2%	2%			
Others	2%	1%			

Agrochemicals – 4 Profit Overview

(¥billion)

	2011			2012 E			Change		
	1H	2H	Total	1H	2HE	Total	1H	2HE	Total
Sales	12.5	21.3	33.8	13.4	21.7	35.1	0.9	0.4	1.3
ОР	0.8	3.6	4.4	1.3	3.5	4.8	0.5	-0.1	0.4

FY2011	FY2012	Change
1Q-3Q	1Q-3Q	1Q-3Q
16.2	18.0	1.8
-0.7	0.2	0.9

1H FY 2012 Review

<vs. 1H FY2011>

- ◆ Sales of STARMITE, LEIMAY, ROUNDUP, PULSOR up
- Fixed cost up
- ◆ Sales up ¥0.9billion, OP up ¥0.5billion

2H FY 2012 Outlook as of October 2012

<vs. 2H FY2011>

- ◆ ALTAIR to be launched in Japan in December 2012 Sales of STARMITE, LEIMAY, ROUNDUP up, SIRIUS down Milestones on the animal health product expected
- Fixed cost up (depreciation expenses of ALTAIR facilities and new Biological Research Lab up)
- ◆ Sales up ¥0.4billion, OP down ¥0.1billion

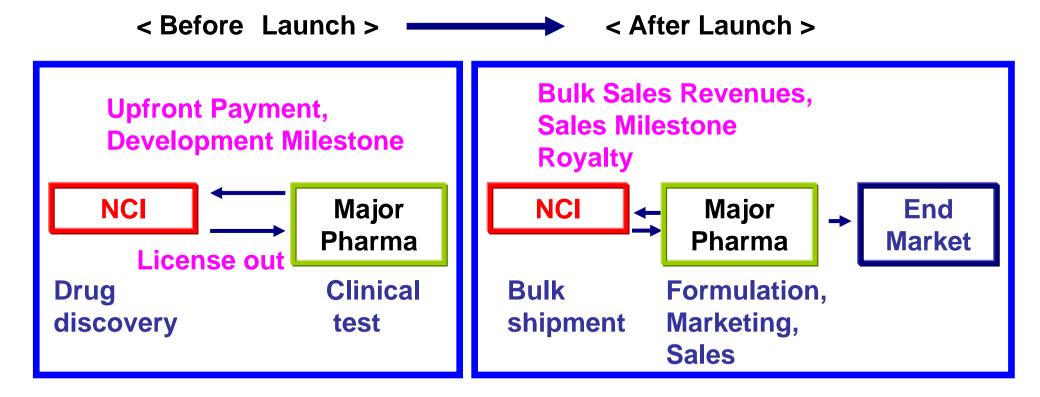
1Q-3Q FY2012 Review

<vs. 1Q-3Q FY2011>

- Except Sirius, sales of major products up including some shipments shfited from 4Q
- ◆ ALTAIR (NC-620) to be launched in Japan in February 2013
- Milestones on the animal health product received
- Fixed cost up (depreciation expenses of new Biological Research Lab up)
- Sales up ¥1.8billion, OP up ¥0.9billion

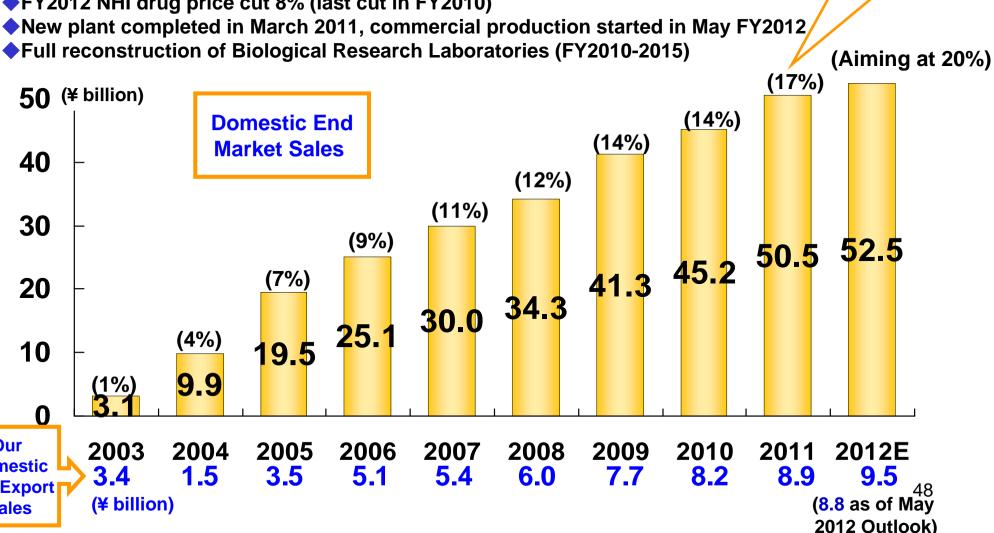
Pharmaceuticals – 1 NCI Business Model

- **♦** Steadily expanding segment in mid-term perspective
- Unique ethical pharma business model without sales force



Pharmaceuticals – ② LIVALO (anti-cholesterol drug)

- ◆ Domestic market share up steadily (about 19% in 1H FY2012, FY2012 target raised from 18% to 20%)
- ◆Sales started in USA in June 2010, co-distribution by Kowa and Eli Lilly
- ◆ Sales started in Europe in 2011 (Spain in May, Portugal in June)
- FY2012 NHI drug price cut 8% (last cut in FY2010)
- ◆Full reconstruction of Biological Research Laboratories (FY2010-2015)



FY2011

Lipitor

Crestor

Livalo

Market share

Mevalotin 13%

35%

27%

17%

Our **Domestic** and Export **Sales**

Pharmaceuticals – ③ LIVALO World Wide Strategy & Pipeline

♦ LIVALO World Wide Strategy

Country/Region	Developing Status	Launch (schedule)	Business Partner
Japan	Launched	Sep 2003	Kowa, Daiichi-Sankyo
Korea	Launched	Jul 2005	JW Pharmaceutical
Thailand	Launched	Jan 2008	Biopharm-Chemical
China	Launched	Jul 2009	Kowa Shanghai
USA	Launched	Jun 2010	Kowa(KPA), Eli Lilly
Spain	Launched	May 2011	Kowa(KPE), Recordati
Portugal	Launched	June 2011	Kowa(KPE), Recordati
Mexico	Launched	Feb 2012	Eli Lilly
Indonesia	Launched	May 2012	Indonesia Tanabe
Taiwan	Launched	June 2012	Taiwan Tanabe
France	Approved	2012	Kowa(KPE), Recordati
Italy	Approved	2012	Kowa(KPE), Recordati
Australia	Approved	2012	Abbott

Other approved countries: Ireland, Cyprus, Greece, Switzerland, Turkey, Poland, Austria, etc.

Pipeline

Product		Market	Developing Status	Licensee	Expected Market Size (¥ billion)
NT-702		Intermittent claudication			20-30
	Japan Phase II Asthma		Taisho	20	
NTC-801 Japan		Phase II	Teijin	1 million patients (2015)	
(Anti-arrhythmic agent)	World wide (except Japan)		Phase II	BMS	8.4 million patients (2015)
NIP-022 (Platelet generating stimulator agent)			Phase I	Ono	0.35million patients (2015 in Japan)

Pharmaceuticals – 4 Profit Overview

(¥billion)

	2011				2012 E		(Change			
	1H	2H	Total	1H	2H E	Total	1H	2HE	Total		
Sales	5.2	4.8	10.0	5.3	4.3	9.6	0.1	-0.5	-0.4		
ОР	2.6	2.0	4.6	2.6	1.7	4.3	0.0	-0.3	-0.3		

FY2011	FY2012	Change
1Q-3Q	1Q-3Q	1Q-3Q
7.6	8.4	0.8
3.6	4.2	0.6

1H FY 2012 Review

<vs. 1H FY2011>

◆ LIVALO

National Health Insurance drug price cut 8% Domestic and export sales volume up Variable cost down by new plant

- ♦ No milestones
- Sales up ¥0.1billion,
 (LIVALO+0.7, milestones-0.4, others-0.2), OP flat

2H FY 2012 Outlook as of October 2012

<vs. 2H FY2011>

- ◆ LiVALO export up, domestic sales down
- ◆ Sales down ¥0.5billion (LIVALO-0.2, others-0.3), OP down ¥0.3billion

1Q-3Q FY2012 Review

<vs. 1Q-3Q FY2011>

- Domestic and export LIVALO sales up including some shipments shfited from 4Q
- New LIVALO plant contributing to variable cost cut
- ♦ No milestones received as expected
- ◆ Sales up ¥0.8billion, OP up ¥0.6billion

Trading – Profit Overview

Mainly import raw and intermediate materials and export products for NCI group

(¥billion)

	FY2011			F	Y2012	E	(Change			
	1H	2H	Total	1H	2H E	Total	1H	2HE	Total		
Sales	22.5	22.3	44.8	22.7	25.3	48.0	0.2	3.0	3.2		
ОР	0.7	0.6	1.3	0.7	0.8	1.5	0.0	0.2	0.2		

FY2011	FY2012	Change
1Q-3Q	1Q-3Q	1Q-3Q
33.3	35.2	1.9
1.0	1.1	0.1

1H FY 2012 Review < vs. 1H FY2011>

◆ Sales up , but OP flat due to changes in product mix

◆ Sales up ¥0.2billion, OP flat

2H FY 2012 Outlook as of October 2012 <vs. 2H FY2011>

- ◆ Sales and OP up with increase in trading volume
- ◆ Sales up ¥3.0billion, OP up ¥0.2billion

1Q-3Q FY2012 Review < vs. 1Q-3Q FY2011>

- ◆ Sales related to Performance Materials Segment and Pharmaceuticals Segment up
- ◆ Sales up ¥1.9billion, OP up ¥0.1billion

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Capex/Depreciation/R&D by Segment

(¥billion)

		C	apex(1)			Depr	eciati	on(2)			R&D	expe	nses		
	2008	2009	2010	2011	2012E	2008	2009	2010	2011	2012E	2008	2009	2010	2011	2012E	% of Sales
Chem	-	-	1.9	1.6	1.0	-	-	3.4	2.5	2.0	-	-	0.8	0.8	0.7	1.9%
Perf. Materials	-	-	3.7	2.2	3.0	-	-	4.1	4.3	3.8	-	-	5.6	6.2	6.5	17.2%
Agro	-	-	0.4	2.1	2.1	-	-	1.9	1.8	2.0	-	-	2.6	2.8	2.8	8.0%
Pharma	-	-	2.4	1.7	0.6	-	-	0.3	1.0	1.2	-	-	2.4	2.5	2.5	26.0%
Trading	-	-	0.2	0.1	0.1	-	-	0.1	0.1	0.1	-	-	0.0	0.0	0.0	0.0%
Others	-	-	1.0	0.6	0.5	-	-	0.6	0.8	0.4	-	-	1.2	1.3	1.3	-
Total	13.9	10.1	9.6	8.3	7.3	10.2	11.0	10.4	10.5	9.5	13.7	13.1	12.6	13.6	13.8	
R&D expenses/Sales (%) 8.6% 8.8% 8.2% 9.2% 8.9%																

(1) Capex

Actual - Acceptance basis
Outlook - Production commencement basis

(2) Depreciation Method
SUNEVER, BARC- 4 year declining balance method
(50.0% of initial capex amount in the 1st year)
Other products - 8 year declining balance method
(25.0% of initial capex amount in the 1st year)

R&D Personnel (Sept. 2012) -①	420
Total Professionals (Sept. 2012) - ②	1,026
1)/2	41%

※Parent company only

FY2012 Main Capex Items (Approval basis)

(¥billion)

2012E	
High purity ammonia	0.3
SUNEVER(NCK)	1.9
BARC(NCK)	0.9
Electronic Materials Labo (Building)	2.9
Electronic Materials Labo (Instruments)	0.8
Biological Research Labo	0.9

Financial Strategy – 1 Purchase of Treasury Shares

- ◆ Started purchase of treasury shares in 2006 to enhance ROE
- ◆ Purchased ¥25.5 billion, 22.8 million shares (12.2% of shares issued) in total
- ◆ Cancelled all purchased shares

Record of purchase of treasury shares FY2006 - 12

	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2006- FY2012
						_		Total
Shares purchased (thousand shares)	3,500	3,399	7,355	0	2,167	0	6,372	22,793
Purchase costs (¥ billion)	4.7	5.0	8.0	0	2.8	0	5.0	25.5
Shares cancelled (thousand shares)	3,000	3,635	7,000	0	3,000	0	6,000 (1)	22,635
Shares issued at FY end (thousand shares)	184,635	181,000	174,000	174,000	171,000	171,000	165,000 (1)	
Treasury share at FY end (thousand shares)	1,367	1,233	1,660	1,709	885	886		
Dividend (¥ billion)	3.7	3.6	3.8	4.2	4.1	4.1	4.0 (2)	
Dividend (¥ / Share)	20	20	22	24	24	24	24 (2)	
Total payout ratio (dividend + purchase of treasury shares) (%)	61	56	117	32	53	37	72 (2)	

- (1) 6 million shares to be cancelled on February 28, 2013 (Notice on February 19, 2013)
- (2) Pro forma figures based on FY2012 outlook as of October 2012

Financial Strategy – 2 Cash Management Policy

- Aiming to control cash balance around the level of:

```
Minimum required level

+
1/3 of annual scheduled long-term borrowings repayment
+
1/3 of short-term borrowings outstanding
+
Contingent risk reserves (added for FY2011)

(non-consolidated basis)
```

Growth Engine Candidates

< Performance Materials >

< Display >

Photo alignment VA, IPS/FFS

3D- LCD

NHC for touch panel

Hole injection layer material for OLED

Planarizing and insulating layer material for OLED

< Semiconductor >

Multi layer
Process material
(SiHM, SOC)

Molded interconnect device

Under layer for EUV

< Other areas >

Optical nano-imprinting related material

Printed silicon

Microlens material

< Agrochemicals >

< Products to be launched within 2-3 years >

Herbicide ALTAIR(NC-620) Animal
Health Products

< Following pipeline >

Fruits / Vegetable Insecticide

Paddy rice Herbicide

< Licensed-In products >

Fruits / Vegetable
/ paddy rice
insecticide

Fruits / Vegetable / tea insecticide

Fruits / Vegetable fungicide

< Pharmaceuticals >

< Following pipeline >

NTC-801

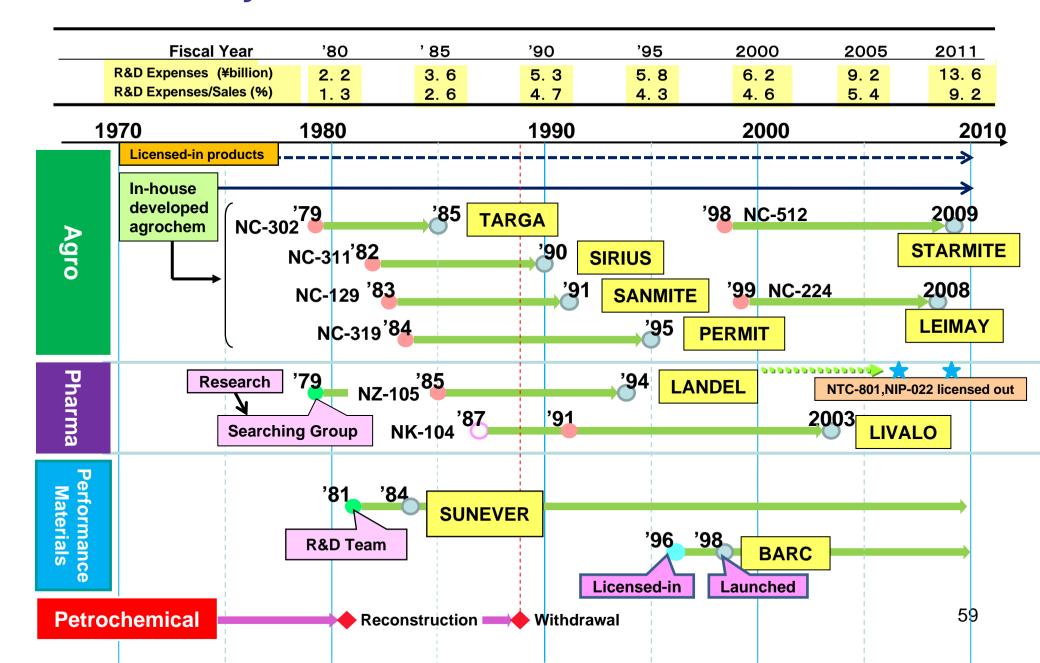
NIP-022

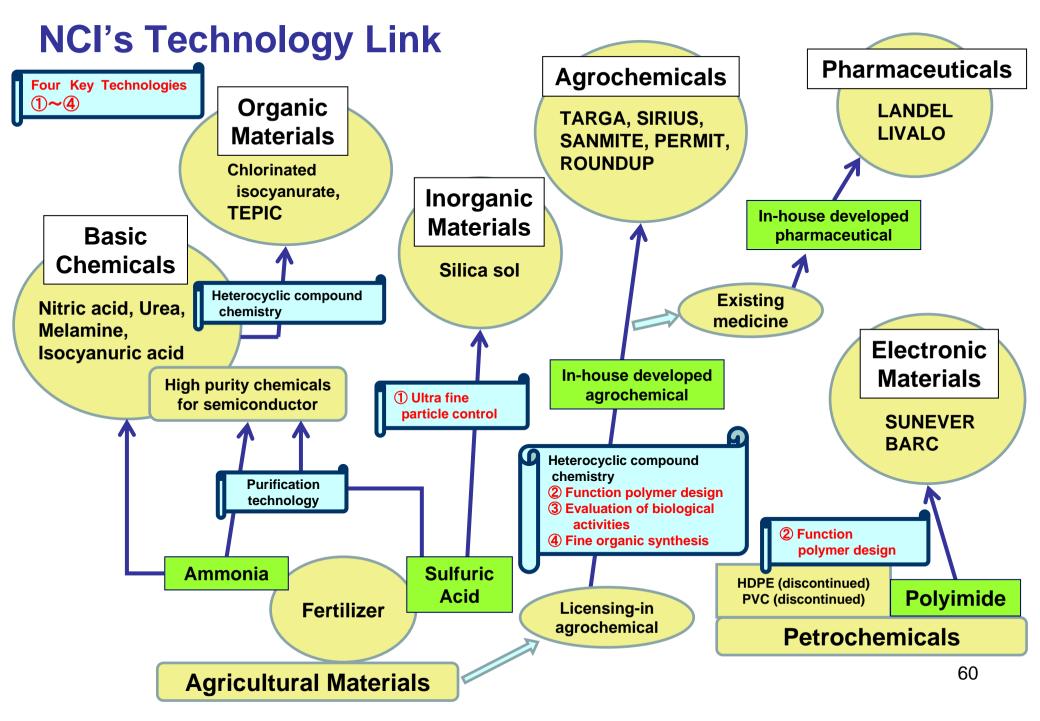
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Brief History of NCI's R&D





FY2010- 3Q FY2012 Quarterly Sales by Segment

(New Segmentation)(1)

(¥billion)

			FY2010					FY2011			FY2012		
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q
Chem	9.6	8.9	9.8	9.8	38.1	9.4	9.2	9.0	9.3	36.9	9.1	8.8	8.9
Fine Chemicals	3.3	2.8	2.5	2.7	11.3	3.0	2.9	2.4	2.6	10.9	2.9	2.7	2.4
Basic Chemicals	6.3	6.1	7.3	7.1	26.8	6.4	6.3	6.6	6.7	26.0	6.2	6.1	6.5
Performance Materials	10.4	9.3	9.0	9.3	38.0	8.7	8.3	8.6	8.4	34.0	9.5	9.3	9.5
Agro	6.9	5.1	4.4	18.0	34.4	7.1	5.4	3.7	17.6	33.8	8.3	5.1	4.6
Pharma	2.5	2.3	2.1	2.7	9.6	2.9	2.3	2.4	2.4	10.0	3.5	1.8	3.1
Trading	10.7	10.5	11.8	11.1	44.1	11.6	10.9	10.8	11.5	44.8	11.9	10.8	12.5
Others	6.5	4.6	4.3	11.6	27.0	4.6	4.7	4.3	6.4	20.0	3.9	6.3	4.6
Adjustment	-7.6	-7.6	-8.7	-13.1	-37.0	-7.7	-7.6	-7.3	-8.3	-30.9	-7.8	-9.4	-8.6
Total	39.0	33.1	32.7	49.4	154.2	36.6	33.2	31.5	47.3	148.6	38.4	32.7	34.6

⁽¹⁾ FY2010 are restated based on new segmentation

FY2010- 3Q FY2012 Quarterly OP by Segment

(New Segmentation)(1)

(¥billion)

			FY2010					FY2011				FY2012		
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	
Chem	1.1	-0.5	0.9	0.9	2.4	1.0	-0.2	0.6	0.2	1.6	8.0	0.0	0.4	
Performance Materials	2.6	2.3	1.6	1.4	7.9	1.7	0.9	1.1	1.1	4.8	2.1	2.0	1.6	
Agro	8.0	0.0	-1.4	5.4	4.8	1.2	-0.4	-1.5	5.1	4.4	1.6	-0.3	-1.1	
Pharma	1.2	0.9	1.1	1.2	4.4	1.4	1.2	1.0	1.0	4.6	1.9	0.7	1.6	
Trading	0.4	0.3	0.4	0.3	1.4	0.4	0.3	0.3	0.3	1.3	0.4	0.3	0.4	
Others	0.1	0.0	-0.1	1.0	1.0	0.0	0.0	-0.1	0.4	0.3	-0.1	0.2	0.1	
Adjustment	-0.4	-0.5	-0.3	-0.9	-2.1	-0.5	-0.4	-0.4	-0.2	-1.5	-0.4	-0.6	-0.5	
Total	5.8	2.5	2.2	9.3	19.8	5.2	1.4	1.0	7.9	15.5	6.3	2.3	2.5	

(1) FY2010 are restated based on new segmentation

FY2009- 10 Quarterly Sales by Segment

(Former Segmentation)

(¥billion)

			FY2009	9				FY2010)	`
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total
Chem	11.3	10.8	12.0	12.0	46.1	12.7	11.8	12.4	12.7	49.6
Organic/Inorganic Materials	4.5	4.5	5.0	5.2	19.2	5.4	5.0	4.8	5.1	20.3
Basic Chemicals	6.8	6.3	7.0	6.8	26.9	7.3	6.8	7.6	7.6	29.3
Electronic Materials	6.4	6.8	6.8	6.6	26.6	7.3	6.4	6.3	6.2	26.2
Agro	8.0	3.7	3.7	18.4	33.8	6.9	5.1	4.4	18.0	34.4
Pharma	2.2	2.8	2.9	1.6	9.5	2.5	2.3	2.1	2.7	9.6
Trading	10.3	9.8	10.4	10.8	41.3	10.7	10.5	11.8	11.1	44.1
Others	8.2	5.1	7.0	7.1	27.4	6.5	4.6	4.3	11.6	27.0
Adjustment	-11.1	-7.5	-9.1	-8.0	-35.7	-7.6	-7.6	-8.6	-12.9	-36.7
Total	35.3	31.5	33.7	48.5	149.0	39.0	33.1	32.7	49.4	154.2

FY2009- 10 Quarterly OP by Segment

(Former Segmentation)

(¥billion)

			FY2009)			ı	FY2010)	
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total
Chem	1.2	-0.7	1.0	1.1	2.6	1.6	0.2	1.1	1.2	4.1
Electronic Materials	2.1	2.6	1.3	1.3	7.3	2.1	1.7	1.4	1.0	6.2
Agro	1.0	-0.7	-1.3	5.7	4.7	8.0	0.0	-1.3	5.3	4.8
Pharma	1.2	1.5	1.5	0.4	4.6	1.2	0.9	1.0	1.3	4.4
Trading	0.2	0.3	0.3	0.3	1.1	0.4	0.3	0.4	0.3	1.4
Others	0.5	-0.1	0.2	0.4	1.0	0.1	0.0	-0.1	1.0	1.0
Adjustment	-0.9	-0.4	-0.6	-0.2	-2.1	-0.4	-0.6	-0.3	-0.8	-2.1
Total	5.3	2.5	2.4	9.0	19.2	5.8	2.5	2.2	9.3	19.8

Main Products by Segment (New Segmentation)

Segment	Products	Main Applications
Chem	♦Fine Chemicals	
	TEPIC	epoxy compound for LED sealants, solder resist, painting
	Melamine cyanurate	flame retardant
	Environmetal product	HI-LITE (chlorinated isocyanuric acid for sterilizing)
	Custom Chemicals	custom manufacturing and process services for pharmaceutical companies
	◆Basic Chemicals	
	Melamine	adhesive agent for plywood
	AdBlue	solution of urea in demineralised water for diesel trucks to reduce NOx
	Ammonia, Sulfuric acid, Nitric acid	
	Highpurity chemicals	agents used for cleaning semiconductors
Performance	◆ Electronic Materials	
Materials	SUNEVER	LCD alignment coating
	BARC	bottom anti-reflective coating for semiconductors
	NHC	protective coating for touch panel
	Micro lens	microlens material for image sensor application
	◆Inorganic Materials	
	SNOWTEX	water dispersed colloidal sillica sol for polishing sillicon wafers, electrical steel
		sheets, NOx reduction catalyst, electronic printing materials
	Organo sillica sol	film coating, antistatic interference shielding, electronic printing materials
	Alumina sol	automotive catalyst, electronic printing materials
	SUNCOLLOID	high refractive sol for lens
	CELNAX	antistatic sol for film
Agro	♦ Herbicide	
	TARGA	soybean, rapeseed, sugarbeet
	PERMIT	corn, sugarcane, rice
	SIRIUS, ALTAIR(NC-620)	paddy rice
	ROUNDUP	non-selective herbicide for orchard, noncrop land
	♦Insecticide	
	STARMITE, SANMITE, MITOKOHNE	fruits,tea, vegetables
	♦ Fungicide	
	LEIMAY	
	PULSOR, IKARUGA, GREATAM	potato, grape, turf
	(THIFLUZAMIDE)	potato, grapo, tarr
Pharma	LIVALO	Anti-cholesterol drug
		Anti-cholesterol drug
Trading	Nissei Corporation	
Others	Transportation, Landscaping, Engineering, Fertilizer	

Main Products by Segment (Former Segmentation)

Segment	Products	Main Applications
Chem	Organic Materials TEPIC Custom Chemicals Melamine cyanurate	epoxy compound for LED sealants, solder resist, painting custom manufacturing and process services for pharmaceutical companies flame retardant
	◆Inorganic Materials SNOWTEX	water dispersed colloidal sillica sol for polishing sillicon wafers, electrical steel sheets, NOx reduction catalyst, electronic printing materials
	Organo sillica sol Alumina sol SUNCOLLOID CELNAX	film coating, antistatic interference shielding, electronic printing materials automotive catalyst, electronic printing materials high refractive sol for lens antistatic sol for film
	◆ Basic Chemicals Melamine AdBlue Environmetal product Ammonia, Sulfuric acid, Nitric acid	adhesive agent for plywood solution of urea in demineralised water for diesel trucks to reduce NOx HI-LITE (chlorinated isocyanuric acid for sterilizing)
Electronic	Highpurity chemicals SUNEVER	agents used for cleaning semiconductors LCD alignment coating
Materials	BARC	bottom anti-reflective coating for semiconductors
	NHC Micro lens	protective coating for touch panel microlens material for image sensor application
Agro	◆ Herbicide TARGA PERMIT SIRIUS, ALTAIR(NC-620) ROUNDUP ◆ Insecticide STARMITE, SANMITE, MITOKOHNE ◆ Fungicide LEIMAY PULSOR, IKARUGA, GREATAM (THIFLUZAMIDE)	soybean, rapeseed, sugarbeet corn, sugarcane, rice paddy rice non-selective herbicide for orchard, noncrop land
Pharma	LIVALO	Anti-cholesterol drug
Trading	Nissei Corporation	
Others	Transportation, Landscaping, Engineering, Fertilizer	

Forward Looking Statements

The forward looking statements in this material are based on information available at the time of preparation of the material. Although they reflect our current expectations, these statements are not guarantees of future performance, but include a number of risks and uncertainties. Actual results may largely differ from these statements due to various factors which may be beyond company control.

No information in this material is provided as an offer to buy or sell the shares of the company. We urge users of the material to make investment decision based upon own judgment.