Monsanto India

BSE SENSEX	S&P CNX
23,554	7,163
Bloomberg	MCHM IN
Equity Shares (m)	17.3
M.Cap.(INRb)/(USDb)	34.4 / 0.5
52-Week Range (INR)	3540 / 1965
1, 6, 12 Rel. Per (%)	-11/-16/-22
Avg Val, INRm/ Vol m	75
Free float (%)	27.9

Motilal Oswal

Financials & Valuations (INR b)

Y/E Mar	2016E	2017E	2018E
Net Sales	5.2	6.5	8.1
EBITDA	0.9	1.4	1.8
PAT	0.8	1.2	1.6
EPS (INR)	47.1	72.0	90.3
Gr. (%)	-23.6	53.1	25.4
BV/Sh (INR)	203.8	203.8	222.0
RoE (%)	22.4	35.3	42.4
RoCE (%)	26.0	41.1	49.3
P/E (x)	42.3	27.6	22.0
P/BV (x)	9.8	9.8	9.0

Estimate change	\longleftrightarrow
TP change	
Rating change	$ \longleftrightarrow $

¹ CMP: INR1,991 TP: INR2,350(+18%)

Buy

Results above estimates; FY17 to see rebound led by favorable crop shift

Results above estimates led by strong growth in corn: Revenue grew 14.8% YoY to INR1.5b (est. INR1.4b) due to strong growth in corn business where volumes grew in double digits (led by double digit acreages growth in rabi) while pricing saw low single digit growth. Realizations have also been strong given that final commodity prices have corn have been on the higher side. Corn prices have been INR14-15/kg as against INR12.5/kg which was prevalent during the kharif season. Growth has been strong in states like Bihar which are Monsanto strongholds, compensating the subdued growth in southern part – states like Andhra Pradesh and Telangana, which has been relatively low due to poor monsoon.

Margin growth stunted by continued lower glyphosate prices: EBITDA came in at INR466m (est. INR376m) in 3QFY16 while margins stood at 30.3% (est. 27%) as against 34.2% in 3QFY15. Margin contraction is due to the benign prices of glyphosate since Monsanto procures it based on a cost plus 2-3% formula. Glyphosate selling prices have declined 30-35% on YTD basis. Exceptional items included an expense of INR56m towards employee severance cost. Consequently, Adjusted PAT stood at INR463m in 3QFY16 (est. INR365m) as against a profit of INR483m in 3QFY15. .

Valuation and view: Two years back to back have been marked by low corn acreages. We believe with normal monsoon expected in FY17 and considering the increase in prices of corn seen recently, conditions are apt for a crop shift to be seen in favour of corn, which should benefit Monsanto strongly given its market leadership in corn. 3QFY16 was the last quarter of glyphosate prices degrowth and 4QFY16 should see base effect kicking in, aiding margin expansion in view of higher volumes and lower base. Our estimates remain unchanged. Maintain Buy with a TP of INR2,350, 26x FY18E EPS (rolled over to FY18).

Y/E March (Rs mn)		FY1	5			FY1	6		FY15	FY16E	FY16	Var
	10	2Q	3Q	4Q	10	2Q	3Q	4QE			3QE	(%)
Net Sales	2,648	904	1,339	674	2,633	378	1,537	688	5,564	5,233	1,392	10
YoY Change (%)	16.3	-7.7	-26.6	-10.2	-0.6	-58.2	14.8	2.0	-4.6	-5.9	4.0	
Total Expenditure	1,820	925	881	778	1,921	634	1,071	653	4,404	4,292	1,016	
EBITDA	828	-21	458	-104	712	-256	466	34	1,160	942	376	24
Margins (%)	31.3	-2.4	34.2	-15.4	27.0	-67.7	30.3	5.0	20.9	18.0	27.0	
Depreciation	28	30	22	0	21	22	29	30	79	108	22	
Interest	1	1	1	1	3	1	1	0	4	0	0	
Other Income	18	112	49	40	27	22	28	30	213	110	30	
PBT before EO expense	818	60	484	-65	716	-257	464	34	1,290	944	384	21
Extra-Ord expense	0	0	0	0	0	0	56	0	0	0	0	
PBT	818	60	484	-65	716	-257	408	34	1,290	944	384	
Tax	107	108	1	11	88	6	1	2	227	132	19	
Rate (%)	13.1	180.0	0.1	-16.5	12.3	-2.5	0.2	5.0	17.6	14.0	5.0	
Reported PAT	710	-48	483	-75	628	-264	407	33	1,063	812	365	12
Adj PAT	710	-48	483	-75	628	-264 🗖	463	33	1,063	812	365	27
YoY Change (%)	26.3	NM	-25.8	NM	-11.6	NM	-4.3	NM	-17.7	-23.6	-24.5	
Margins (%)	26.8	-5.3	36.1	-11.2	23.8	-69.8	30.1	4.8	19.1	15.5	26.2	

E: MOSL Estimates

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Investors are advised to refer through important disclosures made at the last page of the Research Report.

Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.

Results above expectations

- Revenue grew 14.8% YoY to INR1.5b (est. INR1.4b) due to strong growth in corn business where volumes grew in double digits (led by double digit acreages growth in rabi) while pricing saw low single digit growth.
- Realizations have also been strong given that final commodity prices have corn have been on the higher side.
- Corn prices have been INR14-15/kg as against INR12.5/kg which was prevalent during the kharif season.
- Growth has been strong in states like Bihar which are Monsanto strongholds, compensating the subdued growth in southern part states like Andhra Pradesh and Telangana, which has been relatively low due to poor monsoon.

Margin growth stunted by continued lower glyphosate prices

- EBITDA came in at INR466m (est. INR376m) in 3QFY16 while margins stood at 30.3% (est. 27%) as against 34.2% in 3QFY15.
- Margin contraction is due to the benign prices of glyphosate since Monsanto procures it based on a cost plus 2-3% formula. Glyphosate selling prices have declined 30-35% on YTD basis.
- Exceptional items included an expense of INR56m towards employee severance cost.
- Consequently, Adjusted PAT stood at INR463m in 3QFY16 (est. INR365m) as against a profit of INR483m in 3QFY15.

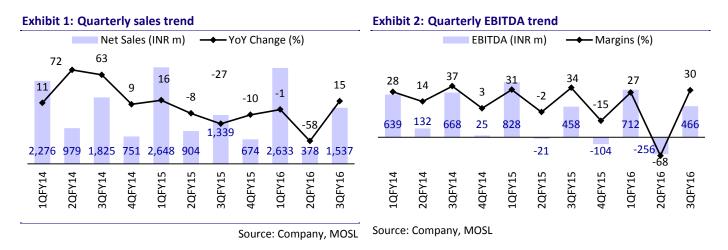
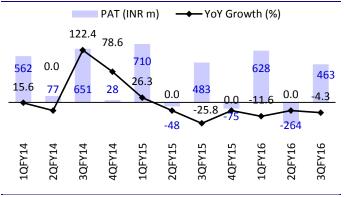
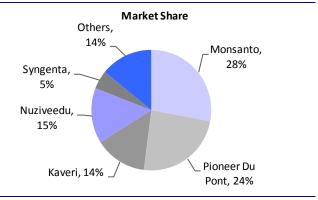


Exhibit 3: Quarterly PAT trend



Source: Company, MOSL

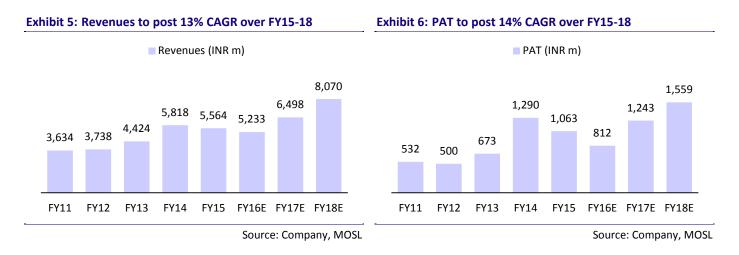
Exhibit 4: Market share in corn



Source: Company, MOSL

FY17 to see rebound led by expected crop shift and glyphosate bottoming out

- Two years back to back have been marked by low corn acreages.
- We believe with normal monsoon expected in FY17 and considering the increase in prices of corn seen recently, conditions are apt for a crop shift to be seen in favour of corn, which should benefit Monsanto strongly given its market leadership in corn.
- 3QFY16 was the last quarter of glyphosate prices de-growth and 4QFY16 should see base effect kicking in, aiding margin expansion in view of higher volumes and lower base.



Valuation and view

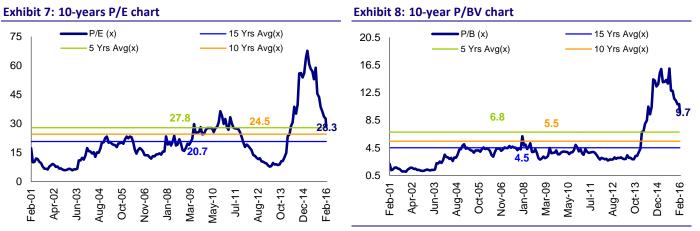
We value MCHM at 26x FY18 EPS of INR90.3 (rolled over to FY18) and arrive at a price target of INR2,350.

We believe our target multiple is justified, given the following:

- Continued leadership in corn segment, with 28% market share.
- New product launches, which have reduced age of portfolio to below 8 years.
- Increasing hybrid penetration in corn (from 60% to 80% in the next five years).
- Pending approval for GM crop, if received, can improve yields by 20-40% over existing crops, which will drive up profitability.
- Differentiated offering in terms of providing Monsanto Farm Advisory Services (MFAS) to the farmer free of cost, which improves the brand loyalty.

We believe the following factors pose risks to our assumptions:

- Irregularities in rainfall can change the cropping pattern.
- Newly launched hybrids yielding lower than expected yields.
- Delay in GM crop launch due to regulatory issues.



Source: Company, MOSL

Source: Company, MOSL

Operating metrics

Exhibit 9: Volume growth

Particulars	FY10	FY11	FY12	FY13	FY14	FY15	FY16E	FY17E	FY18E
Gylophosate Volume (MT) growth (%)	-11.9	-15.5	8.0	34.0	20.0	-10.0	15.0	15.0	15.0
Seed Volume (MT) growth (%)	10.3	21.7	-4.6	7.0	8.8	-13.5	-6.0	10.0	10.0

Exhibit 10: Revenue Mix

Particulars	FY10	FY11	FY12	FY13	FY14	FY15	FY16E	FY17E	FY18E
Seed business	65%	72%	69%	65%	63%	63%	71%	70%	70%
Agro Chemical business	35%	28%	31%	35%	37%	37%	29%	30%	30%

Exhibit 11: Revenue Growth

Particulars	FY10	FY11	FY12	FY13	FY14	FY15	FY16E	FY17E	FY18E
Seed business (%)	19.1	-1.1	-0.7	11.3	30.0	-4.8	5.3	23.2	23.2
Agro Chemical business (%)	-24.9	-16.6	12.5	38.4	39.4	-1.0	-25.3	26.5	26.5

Monsanto India

Story in charts

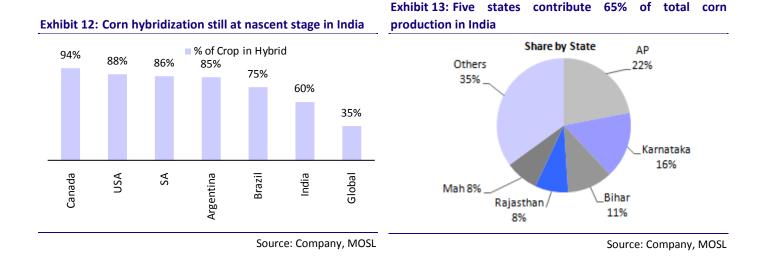


Exhibit 14: Worldwide corn production (mt)

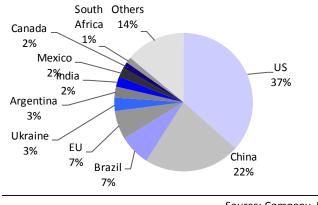
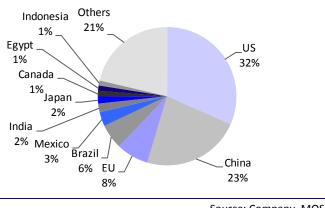


Exhibit 15: Worldwide corn consumption (mt)

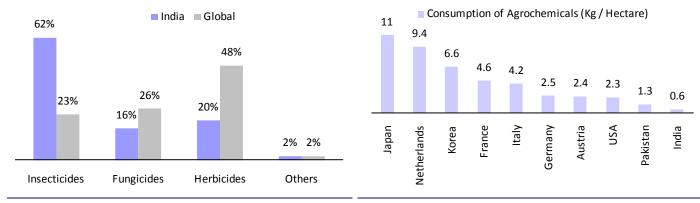


Source: Company, MOSL

Source: Company, MOSL

Exhibit 16: Herbicide penetration (%)





Source: Company, MOSL

Source: Company, MOSL

Financials and Valuations

Y/E Mar	2011	2012	2013	2014	2015	2016E	2017E	VR Million 2018E
Net Sales	3,634	3,738	4,424	5,818	5,564	5,076	6,304	7,831
Change (%)	-11.4	2.9	18.4	31.5	-4.4	-8.8	24.2	24.2
EBITDA	652	550	697	1,451	1,161	888	1,387	1,723
EBITDA Margin (%)	17.9	14.7	15.7	24.9	20.9	17.5	22.0	22.0
Depreciation	108	90	109	119	79	85	94	104
EBIT	544	460	588	1,332	1,081	804	1,293	1,619
							,	
Interest	3	13	7	5	4	0	0	0
Other Income	84	152	169	129	213	110	132	158
Extraordinary items	-122	3	0	-69	0	0	0	0
РВТ	503	601	750	1,387	1,290	914	1,425	1,778
Тах	75	100	76	159	227	128	199	249
Tax Rate (%)	14.8	16.5	10.2	11.4	17.6	14.0	14.0	14.0
Min. Int. & Assoc. Share	0	0	0	0	0	0	0	0
Reported PAT	428	502	673	1,229	1,063	786	1,225	1,529
Adjusted PAT	532	500	673	1,290	1,063	786	1,225	1,529
Change (%)	-1.2	-6.1	34.8	91.6	-17.6	-26.1	56.0	24.8
Balance Sheet							(1)	NR Million
Y/E Mar	2011	2012	2013	2014	2015	2016E	2017E	2018E
Share Capital	86	173	173	173	173	173	173	173
Reserves	3,657	3,671	3,902	3,272	3,571	3,319	3,300	3,583
Net Worth	3,743	3,844	4,074	3,445	3,743	3,492	3,472	3,756
Debt	0	0	0	0	0	0	0	0
Deferred Tax	-30	-27	-36	-37	-43	-43	-43	-43
Total Capital Employed	3,714	3,817	4,038	3,408	3,700	3,449	3,429	3,713
Gross Fixed Assets	1,395	1,380	1,541	1,656	1,692	1,892	2,092	2,292
Less: Acc Depreciation	518	571	674	773	821	905	1,000	1,103
Net Fixed Assets	876	809	868	883	871	987	1,092	1,189
Capital WIP	51	111	24	2	7	7	8	10
Investments	1,514	1,958	2,509	2,667	1,895	1,895	1,895	1,895
Current Assets	2,367	2,476	2,503	2,523	3,169	3,402	3,831	4,526
			1,394	1,692	2,551	2,484	2,916	3,622
Inventory	1,303	1,297	1,551					
Inventory Debtors	409	504	412	330	247	225	280	348
				,	247 66	225 410	280 296	348 148
Debtors	409	504	412	330				
Debtors Cash & Bank	409 172	504 190	412 203	330 85	66	410	296	148
Debtors Cash & Bank Loans & Adv, Others	409 172 484	504 190 485	412 203 494	330 85 416	66 305	410 282	296 339	148 409
Debtors Cash & Bank Loans & Adv, Others Curr Liabs & Provns	409 172 484 1,095	504 190 485 1,537	412 203 494 1,866	330 85 416 2,668	66 305 2,242	410 282 2,841	296 339 3,397	148 409 3,907
Debtors Cash & Bank Loans & Adv, Others Curr Liabs & Provns Curr. Liabilities	409 172 484 1,095 831	504 190 485 1,537 1,203	412 203 494 1,866 1,440	330 85 416 2,668 1,934	66 305 2,242 1,649	410 282 2,841 1,578	296 339 3,397 1,880	148 409 3,907 2,336

Financials and Valuations

2011	2012	2013	2014	2015	2016E	2017E	2018E
30.8	29.0	39.0	74.7	61.6	45.5	71.0	88.6
37.1	34.2	45.3	81.6	66.2	50.4	76.4	94.6
216.9	222.7	236.0	199.6	216.9	202.3	201.2	217.6
10.0	20.0	22.0	92.0	36.0	50.0	60.0	60.0
46.9	79.9	65.8	151.2	70.3	132.0	101.6	81.4
67.9	72.2	53.6	28.0	34.0	46.0	29.5	23.6
56.4	61.2	46.1	25.6	31.6	41.5	27.4	22.1
9.6	9.4	8.9	10.5	9.6	10.3	10.4	9.6
9.9	9.6	8.1	6.2	6.5	7.0	5.7	4.6
55.1	65.3	51.5	24.8	31.1	40.2	25.8	20.9
0.5	1.0	1.1	4.4	1.7	2.4	2.9	2.9
14.7	13.2	17.0	34.3	29.6	21.7	35.2	42.3
17.3	16.1	19.1	38.9	36.0	25.2	40.9	49.2
1.0	1.0	1.1	1.7	1.5	1.5	1.8	2.1
40	48	33	20	15	15	15	15
131	127	115	106	167	179	169	169
54	70	86	87	78	83	79	79
-0.5	-0.6	-0.7	-0.8	-0.5	-0.7	-0.6	-0.5
						(1)	D Million
2011	2012	2013		2015	204.65	2017E	R Million
			2014		20165		
			2014		2016E		2018E
652	550	697	1,451	1,161	888	1,387	1,723
652 28	550 37	697 37	1,451 34	1,161 57	888 0	1,387 0	1,723 0
652 28 316	550 37 258	697 37 253	1,451 34 226	1,161 57 -891	888 0 710	1,387 0 13	1,723 0 -334
652 28 316 -100	550 37 258 -125	697 37 253 -93	1,451 34 226 -176	1,161 57 -891 -237	888 0 710 -128	1,387 0 13 -199	1,723 0 -334 -249
652 28 316 -100 0	550 37 258 -125 0	697 37 253 -93 0	1,451 34 226 -176 0	1,161 57 -891 -237 0	888 0 710 -128 0	1,387 0 13 -199 0	1,723 0 -334 -249 0
652 28 316 -100 0 896	550 37 258 -125 0 721	697 37 253 -93 0 894	1,451 34 226 -176 0 1,534	1,161 57 -891 -237 0 90	888 0 710 -128 0 1,470	1,387 0 13 -199 0 1,201	1,723 0 -334 -249 0 1,140
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Corporate profile

Company description

Monsanto India (MCHM), the flagship company of Monsanto company, is a subsidiary and the only listed Monsanto entity outside the United States. MCHM has partnered with farmers for over four decades. In India, the Monsanto group operates through 3 entities i.e. (1) the listed entity Monsanto India Ltd (MCHM) which is primarily involved in Maize seeds and Herbicides; (2) 50:50 JV between Mahyco and Monsanto Holdings Pvt. Ltd known as Mahyco Monsanto Biotech (MMB) which is sub-licensed to distribute BT cotton technology in India; and (3) Monsanto Holding.

Exhibit 2: Shareholding pattern (%)						
	Sep-15	Jun-15	Sep-14			
Promoter	72.1	72.1	72.1			
DII	3.3	3.7	2.6			
FII	3.5	2.1	2.2			

Source: Capitaline Note: FII Includes depository receipts

21.1

22.0

23.1

Exhibit 4: Top management

Exhibit 6: Auditors

Deloitte Haskins & Sells LLP

ABK & Associates

Name

Others

Name	Designation
Sekhar Natarajan	Chairman
Shilpa Divekar Nirula	Managing Director
Chandana Dhar	Company Secretary

Source: Capitaline

Exhibit 3: Top holders

Exhibit 5: Directors

C Ravishankar

Pradeep Poddar

Name

Exhibit 1: Sensex rebased

May-15

4000

3500

3000

2500

2000

Feb-15

Monsanto India

Holder Name	% Holding
R C Khanna	2.3
Morgan Stanley Investment Funds Global	
Opportunity Fund	1.3
DSP Blackrock 3 Years Close Ended Equity	
Fund	1.1
NA	0.0
NA	0.0
	Source: Capitaline

Name

H C Asher

Aug-15

Туре

Cost Auditor

Statutory

Exhibit 7: MOSL forecast v/s consensus

EPS (INR)	MOSL forecast	Consensus forecast	Variation (%)
FY16	45.5	50.4	-9.7
FY17	71.0	71.3	-0.5
FY18	88.6	80.0	10.7
			Source: Bloomberg

Source: Capitaline

Feb-16

*Independent

Source: MOSL/Bloomberg

Sensex

Nov-15

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	 Analyst ownership of the stock 	No	
	 Served as an officer, director or employee 	No	

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