## FY2018

## IR information

(FYE March 2019)

May 8, 2019
FUJI OIL HOLDINGS INC.

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## - 1. Consolidated profit and loss summary (4Q : Jan. - Mar. 2019)

4th Quarter Result
(Unit: JPY 100 million)

|  |  | $\begin{gathered} \hline \text { FY2017 } \\ 4 \mathrm{Q} \end{gathered}$ | $\begin{gathered} \hline \text { FY2018 } \\ 4 Q \end{gathered}$ | YoY |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Change |  | Rate of increase |
| Revenue <br> ※ | Oils and Fats |  | 293 | 266 | ( 27) | (9.2)\% |
|  | Confectionery and Bakery Ingredients | 391 | 390 | (1) | (0.2)\% |
|  | Soy | 88 | 86 | ( 3 ) | (3.2)\% |
|  | Total | 772 | 742 | ( 30) | (3.9)\% |
| Operating profit ※ | Oils and Fats | 19 | 18 | ( 1) | (5.5)\% |
|  | Confectionery and Bakery Ingredients | 32 | 13 | ( 18) | (57.7)\% |
|  | Soy | 5 | 6 | +1 | +17.7\% |
|  | Consolidated adjustment/ group administrative expenses | ( 10) | ( 12) | ( 2) | (23.1)\% |
|  | Total | 47 | 26 | ( 21) | (44.4)\% |
|  | Operating margin | 6.0\% | 3.5\% | (2.5pt) | - |
| Ordinary profit |  | 44 | 25 | (19) | (42.3)\% |
| Net income attributable to Owners of parent |  | 27 | 26 | (1) | (3.9)\% |

※From FY2018, Fuji Oil (THAILAND)'s segment was changed from Oils and Fats to Confectionery and Bakery Ingredients.
Up to FY2017, we distributed corporate expenses between segments but from expenses
FY2018 corporate expenses are recorded as corporate. The values for FY2018 adjusted value and rate of change exclude FY2017 corporate expenses.

## Key points of financial accounting(FY2018 4Q)

- Regarding 4Q operating profit, decreased sales of fats and oils and confectionary and bakery ingredients in Asia as well as Blommer acquisition expenses ( 1.3 billion yen), and the lump-sum depreciation of residual book value in China ( 0.5 billion yen) resulted in decreased profits. However, due to firm sales of oils and fats in Japan, increased 0.5 billion yen from revised plan on February 2019.
- Oils and Fats: Focus on profitable sales in Japan and improved profitability in Europe but profits decreased in Asia and the Americas, resulting in an overall decrease in profits.
- Confectionery and Bakery Ingredients:
- Soy:

Sales of filling and margarine in China and sales of chocolate in Japan were firm but sales of preparations in Asia declined.Also, profits decreased on recording Blommer acquisition expenses (1.3 billion yen). Profit improved on favorable sales of soy protein foods and water soluble soy polysaccharides.

4Q(Jan. - Mar. 2019) operating profit analysis

46.6
[Positive aspects] Improved profitability in
(0.3) Japan, Europe [Negative aspects] Profitability declined in Asia
(Negative aspects) Profitability declined in
Operating rates in North America declined.
[Positive aspects] Growth in China
$+\mathbf{0 . 8}$ Inegative aspects) Emulsified \& fermented ingredients declined in Japan.
$+1.3 \begin{aligned} & \text { 【Positive aspects】 Soy protein food sales } \\ & \text { stagnant }\end{aligned}$
(2.2) $\begin{gathered}\text { Increase in depreciation due to SAP deployment } \\ \text { etc. }\end{gathered}$
46.2 Operating income except preparation and special factors
(2.9)
(12.8) Record as confectionery \& bakery ingredients
(4.6) Depreciation of Chinese
25.9

- 2. Consolidated profit and loss summary(FY2018)


## FY2018 total

| FY2018 total |  |  |  | (Unit: JPY 100 million) |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \hline \text { FY2017 } \\ \text { Total } \end{gathered}$ | $\begin{gathered} \hline \text { FY2018 } \\ \text { Total } \end{gathered}$ | YoY |  |
|  |  | Change |  | Rate of increase |
| Revenue | Oils and Fats |  | 1,136 | 1,097 | ( 39) | (3.4)\% |
|  | Confectionery and Bakery Ingredients | 1,561 | 1,551 | ( 10) | (0.6)\% |
|  | Soy | 380 | 361 | ( 19) | (5.0)\% |
|  | Total | 3,076 | 3,008 | ( 68) | (2.2)\% |
| Operating profit | Oils and Fats | 73 | 81 | +9 | +11.8\% |
|  | Confectionery and Bakery Ingredients | 130 | 108 | ( 22) | (17.0)\% |
|  | Soy | 35 | 33 | ( 3) | (7.3)\% |
|  | Consolidated adjustment / group administrative expenses | ( 33) | ( 37) | ( 4) | (10.8)\% |
|  | Total | 205 | 185 | ( 20) | (9.5)\% |
|  | Operating margin | 6.7\% | 6.2\% | (0.5)pt | - |
| Ordinary profit |  | 200 | 182 | ( 18) | (9.0)\% |
| Net income attributable to Owners of parent |  | 137 | 116 | ( 22) | (15.7)\% |
| EBITDA |  | 310 | 300 | ( 10) | (3.4)\% |
| ROE |  | 8.8\% | 7.3\% | (1.5)pt | - |
| Cash flows from operating activities |  | 282 | 226 | (56) | (19.7)\% |
| Cash flows from investing activities |  | ( 145) | ( 791) | (646) | (445.1)\% |
| Free cash flow |  | 137 | ( 565) | (702) | - |
| Net interest-bearing loans |  | 436 | 1,392 | +956 | +219.3\% |
| Net operating capital |  | 633 | 171 | (463) | (73.0)\% |
| Net interest-bearing loans/EBITDA |  | 1.4x | 4.6x | +3.2x | - |
| CCC (Cash conversion cycle) |  | 103days | *105days | (2)days | - |

Key points of financial accounting(FY2018)
. Operating profit The Oils and Fats business saw increased profits on sales growth in Japan and Europe. However, in addition to stagnant sales of preparations in the Confectionery \& Bakery Ingredients business and decreased profits for the Soy business, profits decreased on expenses related to the acquisition of Blommer ( 1.3 billion yen) and the lumpsum depreciation of the residual book value for fixed assets in China ( 0.5 billion yen).

- Oils and Fats:

Although North America was impacted by cold weather and hurricanes, and sales of commodities in Asia were sluggish, revenues increased thanks to a continued focus on profitable sales in Japan and thanks to improved profitability for raw materials in Europe.
. Confectionery and
Bakery Ingredients:

- Soy: We recorded operating losses due to the shutdown of certain plants in relation to capital expenditures for the soy protein foods business, sluggish sales after the resumption of plant operations, and sales delays for functional agents.
- Net income attributable to
Owners of parent :
- CCC:

Continued to record firm sales for domestic chocolate, and filings and margarine in China but profit decreased due to low sales of preparations by the confectionary and bakery ingredients business in Asia, decreased profits in the Americas due to depreciation of Brazillian real, and due to Blommer acquisition expenses.

We lossed attributable to disaster related losses and impairment associated with JILIN FUJI PROTEIN CO., LTD.

## total operating profit analysis


(Positive aspects) Improved profitability in Japan, (Negative aspects) Profitability declined in Asia
Operating rates in North America declined. Operating rates in North America declined.
$+3$ chocolate improved
Inegative aspects) Emulified $\&$ fermented ingredients
declined in Japan. Depreciation of Brazilian real.
(2)〔Negative aspects〕 Soy protein food sales stagnant
4) Increase in depreciation due to SAP deployment (3) etc.

211 Operating profit except preparation and special factors
(6)
cont a \& bakery ingredients business expenses in $4 Q$
(7) Depreciation of Chinese (5)

Measures for global expansion of chocolate etc. (2)
-3. Consolidated balance sheets
(Unit: JPY 100 million)

|  | FY2017 <br> Year-end | FY2018 <br> Year-end | vs.end of <br> previous FY | Major factors of change |
| :--- | ---: | ---: | ---: | :--- |
| Current assets | 1,308 | 1,854 | +546 | Increase in cash and deposits, <br> accounts receivable, inventories |
| Fixed assets | 1,399 | 1,980 | +581 | Increase in goodwill |
| Total assets | 2,707 | 3,834 | $+1,127$ |  |
| Intrest-bearing loans | 566 | 1,605 | $+1,038$ | Increase in debt |
| Other liabilities | 492 | 637 | +145 | Increase in account payable |
| Total liabilities | 1,058 | 2,242 | $+1,183$ |  |
| Total net assets | 1,649 | 1,592 | (57) | Decrease in capital surplus, <br> decrease in currency conversion <br> adjustment accounts |

## Key points of financial accounting(FY2018)

## Assets section

:With the acquisition of Blommer, inventory assets increased by current assets and tangible fixed assets and Goodwill by fixed assets. As a result, total assets at the end of fiscal 2018 increased significantly to $¥ 383.4$ billion (YoY+ $¥ 112.7$ billion).

## Liabilities section

:With the acquisition of Blommer, short-term debt increased $+¥ 94.5$ billion from the end of FY17 and long-term debt increased $+¥$ 14.3 billion. As a result, the total debt at the end of fiscal 2018 increased significantly to 224.2 billion yen (YoY +18.3 billion yen).

Net Assets section
: Shareholders' equity increased due to an increase in retained earnings, but total accumulated other comprehensive income decreased due to a decrease in foreign currency translation adjustment.
As a result, total net assets at the end of fiscal 2018 decreased to $¥ 159.2$ billion (YoY ( $¥ 5.7$ billion) ).

## 4. Consolidated cash flow

|  | FY2017 | FY2018 | YOY | Major factors of change |
| :---: | :---: | :---: | :---: | :---: |
| Income before income taxes | 188 | 165 | (23) | Decrease in operating profit |
| Depreciation and amortization | 109 | 120 | +11 |  |
| Other changes | ( 15) | ( 59) | (44) | Decrease in receivable,increace in inventories |
| Cash flows from operating activities | 282 | 226 | (56) |  |
| Cash flows from investing activities | ( 145) | ( 791) | (646) | Increace in acquisition expense of Blommer |
| Free cash flow | 137 | ( 565) | (702) |  |
| Loan procurements/ repayments | ( 92) | 754 | +846 | Increace in debt for acquisition of Blommer |
| Dividend payments, acquisition of treasury stock, etc. | ( 43) | ( 99) | (57) |  |
| Cash flows from financing activities | ( 135) | 655 | +789 |  |
| Cash and cash equivalents from newly consolidated subsidiaries at beginning of period | 2 | - | (2) |  |
| Net increase in cash and cash equivalents | 1 | 82 | +81 |  |
| Cash and cash equivalents at end of period | 130 | 212 | +82 | Althought increace in investment,increase in debt. |

(Note)Depreciation expenses includes depreciation expenses for both tangible fixed assets and intangible fixed assets.
Net increase in cash and cash equivalents is taken into account the effect of exchange rate change on cash and cash equivalents.
Cash flow (Unit: JPY 100 million)


## -5. FY2019 Forecast

FY2019 Forecast

|  |  | FY 2018 | FY2019 forecast | YoY |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Change |  | Rate of increase |
| Revenue | Vegetable Oils and Fats |  | 1,097 | 1,139 | +42 | +3.9\% |
|  | Industrial Chocolate | 686 | 1,874 | +1,188 | +173.3\% |
|  | Emulsified and Fermented Ingredients | 865 | 915 | +50 | +5.8\% |
|  | Soy-based ingredients | 361 | 372 | +11 | +3.0\% |
|  | Total | 3,008 | 4,300 | +1,292 | +42.9\% |
| Operating profit | Vegetable Oils and Fats | 81 | 91 | +9 | +11.5\% |
|  | Industrial Chocolate | 74 | 103 | +29 | +38.5\% |
|  | Emulsified and Fermented Ingredients | 33 | 43 | +10 | +29.5\% |
|  | Soy-based ingredients | 33 | 41 | +8 | +25.6\% |
|  | Consolidated adjustment / group administrative expenses | ( 37) | ( 38) | ( 1) | +3.9\% |
|  | Total | 185 | 240 | +55 | +29.5\% |
|  | Operating margin | 6.2\% | 5.6\% | (0.6)pt | - |
| Ordinary profit |  | 182 | 220 | +38 | +21.0\% |
| Net income attributable to Owners of parent |  | 116 | 152 | +36 | +31.2\% |

*Will change segments and segment names. Changing confectionary and bakery ingredients to industrial use chocolate and emulsified and fermented ingredients, oils and fats to vegetable oils and fats, and soy to soy-based ingredients.
Key points of financial accounting(FY2019)

- Operating profit In addition to expecting recovery for the Vegetable Oils and Fats business in Asia and the Americas, we expect the Industrial Use Chocolate division to overcome Blommer acquisition expenses and Blommer new consolidation contributions, and a change in depreciation and amortization methods in Japan (fixed rate method > straight line method, +0.8 billion yen), Planning for high profits on sales growth for the Japanese chocolate business and improved sales of soy protein foods in the Soy-based Ingredients business.
- Vegetable Oils In Japan and Europe, we anticipate the improvement in raw materials to settle but sales increased in Southeast and Fats:
- Industrial Chocolate:
- Emulsified and Fermented Ingredients:
. Soy-based Ingredients Asia mainly around hard butters for chocolate. However, we plan to increase overall profits by overcoming the impact of cold weather and hurricanes in North America and increasing sales of hard butters for chocolate. Plan to increase profits by overcoming the Blommer acquisition expenses and the new consolidation of Blommer.By region, we plan to increase sales of colored chocolate in Japan and increase sales in Asia and China.

In addition to increasing customers and developing products to meet customer needs in Japan,we are planning on increased profits through full-year contributions in China from new plant.

Plan to increase profit by recovering sales of soy protein ingredients and increasing sales of functional agents such as water soluble soy polysaccharides.

## FY2019 forecast operating profit analysis



## 6. Consolidated benchmarks

|  | FY2016 <br> Full-year | FY2017 <br> Full-year | FY2018 <br> Full-year |
| :--- | ---: | ---: | ---: |
| EBITDA | 299 | 310 | 300 |
| Capital Expenditures | 136 | 147 | 159 |
| Depreciation expenses | 96 | 100 | 110 |
| Intrest-bearing loans | 657 | 566 | 1,605 |
| Net interest-bearubg loans | 529 | 436 | 1,392 |
| Net operating capital | 629 | 633 | 171 |
| Net interest-bearing | 1.8 | 1.4 | 4.6 |
| loans/EBITDA | 1,754 | 1,864 | 1,820 |
| Net assets per share (JPY) | $55.4 \%$ | $59.2 \%$ | $40.8 \%$ |
| Equity ratio | 0.44 | 0.35 | 1.03 |
| D/E ratio | 0.36 | 0.28 | 0.87 |
| Net D/E ratio | 165 | 282 | 226 |
| Cash flows from operating activities | 28 | 137 | $(565)$ |
| Free cash flow | $8.3 \%$ | $8.8 \%$ | $7.3 \%$ |
| ROE | $7.3 \%$ | $7.4 \%$ | $5.5 \%$ |
| ROA | $6.7 \%$ | $6.7 \%$ | $6.2 \%$ |
| Operating profit margin | $110 d a y s$ | $103 d a y s$ | $* 105 d a y s$ |
| CCC |  |  |  |


| FY2019 <br> Forecast |
| ---: |
| 392 |
| 220 |
| 152 |
| 1,535 |
| 1,366 |
| 745 |
| 3.5 |
| 1,954 |
| 0.43 |
| 0.91 |
| 0.80 |
| 320 |
| 101 |
| $9.4 \%$ |
| $5.7 \%$ |
| $5.6 \%$ |
| $105 d a y s$ |

(Note ) Depreciation expenses indicates depreciation expenses for tangible fixed assets.
Net assets indicates net assets related to common stock excluding holdings by non-controlling interests.
D/E Ratio = interest-bearing debt / Equity
Net D/E Ratio=Net interest-bearing debt(interest-bearing debt - cash and deposits)/Equity capital
ROE $=$ net income /Average equity at beginning and end of period
ROA = ordinary income / Average total assets at beginning and end of period
*Blommer is no included

## ROE



Goodwill/Net assets ratio (Unit:JPY 100 million)


NET D/E ratio Equity ratio

-7.Capital expenditures, Depreciation expenses history
(Unit:JPY 1 million)


## FY 2018

Capital expenditures:
JPY 15.9 billion
Major expenditures
New production plant for Chinese Filling and
Margarine:
JPY 2.3 billion
New production plant for USA Oils and Fats etc.:
JPY 1.2 billion

Total depreciation expenses: JPY 11.0 billion

## FY 2019 Forecast

Capital expenditures:
JPY 22 billion
Major expenditures
New production plant for USA Oils and Fats:
JPY 5.1 billion
Capital expenditures for Blommer
JPY 1.3 billion

Total depreciation expenses: JPY 10.7 billion

## - 8.Dividend history



|  | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | FY17 | FY18 | Fr19 <br> Forecast |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 1st half | 12 | 12 | 13 | 13 | 17 | 22 | 23 | 25 | 27 |
| 2nd half | 12 | 13 | 13 | 17 | 18 | 22 | 25 | 25 | 27 |
| Payout ratio | $24.9 \%$ | $25.8 \%$ | $27.4 \%$ | $27.6 \%$ | $32.6 \%$ | $31.2 \%$ | $30.0 \%$ | $37.1 \%$ | $30.5 \%$ |
| Total | 24 | 25 | 26 | 30 | 35 | 44 | 48 | 50 | 54 |

9. Revenue, Operating profit (by region, division) (FY) *After change segments,segment namese

| (1). Revenue (Unit: JPY 1 million) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY | Japan |  | Americas |  | Southeast Asia |  | China |  | Europe |  | Consolidated Total |  |
|  |  |  | $\begin{array}{\|c\|} \hline \text { VS. } \\ \text { Previous } \\ \text { Year } \\ \hline \end{array}$ |  | VS. <br> Previous <br> Yoar |  | $\begin{array}{\|c\|} \hline \text { VS. } \\ \text { Previous } \end{array}$ Year |  | VS. <br> Previous <br> Yoar |  | VS. <br> Previous |  | $\begin{array}{\|c\|} \hline \text { VS. } \\ \text { Previous } \\ \text { Year } \\ \hline \end{array}$ |
| Vegetable Oils and Fats | $\begin{aligned} & 2019 E \\ & 2018 \\ & 2017 \end{aligned}$ | $\begin{aligned} & \hline 36,900 \\ & 36,782 \\ & 37,284 \\ & \hline \end{aligned}$ | $\begin{array}{r} 118 \\ (502) \end{array}$ | $\begin{aligned} & \hline 29,700 \\ & 28,782 \\ & 31,174 \end{aligned}$ | $\begin{array}{r} 918 \\ (2,392) \end{array}$ | $\begin{aligned} & \hline 20,400 \\ & 17,793 \\ & 17,599 \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline 2,607 \\ 194 \end{array}$ | $\begin{aligned} & \hline 3,400 \\ & 2,893 \\ & 3,546 \end{aligned}$ | $\begin{array}{r} 507 \\ (653) \end{array}$ | $\begin{array}{\|l\|} \hline 23,500 \\ 23,422 \\ 23,974 \\ \hline \end{array}$ | $\begin{array}{r} 78 \\ (552) \end{array}$ | $1 \begin{aligned} & 113,900 \\ & 109,675 \\ & 113,578 \end{aligned}$ | $\begin{array}{r} 4,225 \\ (3,903) \end{array}$ |
| Industrial Chocolate | $\begin{aligned} & 2019 \mathrm{E} \\ & 2018 \\ & 2017 \end{aligned}$ | $\begin{aligned} & \hline 39,400 \\ & 38,560 \\ & 37,460 \\ & \hline \end{aligned}$ | $\begin{array}{r} 840 \\ 1,100 \end{array}$ | $\begin{array}{\|r\|} \hline 133,400 \\ 17,247 \\ 19,621 \\ \hline \end{array}$ | $\begin{aligned} & 116,153 \\ & (2,374) \end{aligned}$ | $\begin{array}{r} \hline 11,600 \\ 9,862 \\ 9,134 \\ \hline \end{array}$ | $\begin{array}{r} \hline 1,738 \\ 728 \end{array}$ | $\begin{aligned} & \hline 3,000 \\ & 2,896 \\ & 2,342 \end{aligned}$ | $\begin{aligned} & \hline 104 \\ & 554 \end{aligned}$ |  |  | $\begin{array}{\|c\|} \hline 187,400 \\ 68,566 \\ 68,557 \\ \hline \end{array}$ | 118,834 |
| Emulsified and Fermented Ingredients | $\begin{aligned} & 2019 \mathrm{E} \\ & 2018 \\ & 2017 \end{aligned}$ | $\begin{aligned} & \hline 64,000 \\ & 62,487 \\ & 66,031 \end{aligned}$ | $\begin{array}{r} 1,513 \\ (3,544) \end{array}$ |  |  | $\begin{aligned} & \hline 13,400 \\ & 11,366 \\ & 10,948 \end{aligned}$ | $\begin{array}{r} \hline 2,034 \\ 418 \end{array}$ | $\begin{aligned} & \hline 14,100 \\ & 12,639 \\ & 10,526 \end{aligned}$ | $\begin{aligned} & 1,461 \\ & 2,113 \end{aligned}$ |  |  | $\left\lvert\, \begin{array}{\|\|c\|} 91,500 \\ 86,492 \\ 87,505 \end{array}\right.$ | $\begin{array}{r} 5,008 \\ (1,013) \end{array}$ |
| Soy-based Ingredients | $\begin{aligned} & 2019 \mathrm{E} \\ & 2018 \\ & 2017 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 34,500 \\ & 33,129 \\ & 34,990 \\ & \hline \end{aligned}$ | $\begin{array}{r} 1,371 \\ (1,861) \end{array}$ |  |  |  |  | $\begin{aligned} & \hline 2,700 \\ & 2,981 \\ & 3,014 \end{aligned}$ | $\begin{array}{r} (281) \\ (33) \end{array}$ |  |  | $\left\lvert\, \begin{aligned} & 37,200 \\ & 36,110 \\ & 38,004 \end{aligned}\right.$ | $\begin{array}{r} 1,090 \\ (1,894) \end{array}$ |
| Revenue total | $\begin{aligned} & \hline 2019 \mathrm{E} \\ & 2018 \\ & 2017 \end{aligned}$ | $\begin{array}{l\|} \hline \hline 174,800 \\ 170,959 \\ 175,764 \end{array}$ | $\begin{array}{r} 3,841 \\ (4,805) \end{array}$ | $\begin{array}{r} \hline \hline 163,100 \\ 46,030 \\ 50,795 \end{array}$ | $\begin{aligned} & 117,070 \\ & (4,765) \end{aligned}$ | $\begin{aligned} & \hline \hline 45,400 \\ & 39,022 \\ & 37,681 \end{aligned}$ | $\begin{aligned} & \hline 6,378 \\ & 1,341 \end{aligned}$ | $\begin{aligned} & \hline \hline 23,200 \\ & 21,410 \\ & 19,429 \end{aligned}$ | $\begin{array}{l\|} \hline 1,790 \\ 1,981 \end{array}$ | $\begin{aligned} & \hline 23,500 \\ & 23,422 \\ & 23,974 \\ & \hline \end{aligned}$ | $\begin{array}{r} 78 \\ (552) \end{array}$ | $\left\lvert\, \begin{aligned} & 430,000 \\ & 300,844 \\ & 307,645 \end{aligned}\right.$ | $\begin{array}{\|l\|} \hline 129,156 \\ (6,801) \end{array}$ |

(Note) The Above revenue are revenue to outside customers (revenue after eliminating inside sales).
(2). Operating profit

| (2). Operating profit |  |  |  | (Unit: JPY 1 million) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Other changes | FY | Japan |  | Americas |  | Southeast Asia |  | China |  | Europe |  | Eliminated |  | Group administrative expenses |  | Consolidated Total |  |
|  |  |  | VS. <br> Previous <br> Year |  | $\begin{array}{\|c\|} \hline \text { VS. } \\ \hline \text { Previous } \\ \text { Year } \end{array}$ |  |  |  | $\begin{array}{\|c\|} \hline \text { VS. } \\ \hline \text { Previous } \\ \text { Year } \end{array}$ |  | $\begin{gathered} \text { VS. } \\ \text { Previous } \\ \text { Year } \end{gathered}$ |  | VS. Previous Year |  | VS. Previous Year |  | $\begin{array}{\|c\|} \hline \text { VS. } \\ \text { Previous } \\ \text { Year } \\ \hline \end{array}$ |
| Vegetable Oils and Fats | $\begin{aligned} & 2019 \mathrm{E} \\ & 2018 \\ & 2017 \end{aligned}$ | $\begin{aligned} & \hline 3,662 \\ & 3,984 \\ & 2,785 \end{aligned}$ |  | $\begin{aligned} & \hline 2,210 \\ & 1,753 \\ & 2,298 \\ & \hline \end{aligned}$ | $\begin{array}{r} 457 \\ (545) \end{array}$ | $\begin{array}{r} \hline 1,498 \\ 929 \\ 1,213 \\ \hline \end{array}$ | $\begin{array}{r} 569 \\ (284) \end{array}$ | $\begin{aligned} & 419 \\ & 306 \\ & 492 \end{aligned}$ | $\begin{array}{r} 113 \\ (186) \end{array}$ | $\begin{array}{r} \hline 1,294 \\ 1,165 \\ 430 \\ \hline \end{array}$ | $\begin{aligned} & 129 \\ & 735 \end{aligned}$ | $\begin{array}{r} 1 \\ 9 \\ 67 \end{array}$ | $\begin{array}{\|} \hline \text { ( 8) } \\ (58) \end{array}$ |  |  | $\begin{aligned} & \hline 9,084 \\ & 8,148 \\ & 7,288 \\ & \hline \end{aligned}$ | 936 860 |
| Industrial Chocolate | $\begin{aligned} & 2019 E \\ & 2018 \\ & 2017 \end{aligned}$ | $\begin{aligned} & \hline 6,687 \\ & 6,446 \\ & 6,144 \\ & \hline \end{aligned}$ | $\begin{aligned} & 241 \\ & 302 \end{aligned}$ | $\begin{aligned} & \hline 2,351 \\ & 1,360 \\ & 1,403 \\ & \hline \end{aligned}$ | $\begin{array}{r} 991 \\ (43) \end{array}$ | $\begin{array}{r} \hline 1,141 \\ 961 \\ 786 \end{array}$ | $\begin{aligned} & 180 \\ & 175 \end{aligned}$ | $\begin{array}{r} 74 \\ (28) \\ 108 \end{array}$ | $\begin{array}{r} 102 \\ (136) \end{array}$ |  |  | $\begin{array}{\|r\|} \hline 43 \\ (1,306) \\ 41 \\ \hline \end{array}$ | 1,349 $(1,347)$ |  |  | $\begin{array}{\|\|r\|} \hline 10,296 \\ 7,432 \\ 8,483 \\ \hline \end{array}$ | $\begin{array}{r} 2,864 \\ (1,051) \end{array}$ |
| Emulsified and Fermented Ingredients | $\begin{aligned} & 2019 E \\ & 2018 \\ & 2017 \end{aligned}$ | $\begin{aligned} & \hline 2,363 \\ & 1,830 \\ & 2,622 \\ & \hline \end{aligned}$ | $\begin{array}{r} 533 \\ (792) \end{array}$ |  |  | $\begin{array}{r} 868 \\ 198 \\ 1,254 \\ \hline \end{array}$ | $\begin{array}{r} 670 \\ (1,056) \end{array}$ | $\begin{array}{r} \hline 1,117 \\ 991 \\ 583 \end{array}$ | $\begin{aligned} & 126 \\ & 408 \end{aligned}$ |  |  | $\begin{array}{r} \hline(49) \\ 300 \\ 15 \\ \hline \end{array}$ | $\begin{array}{r} (349) \\ 285 \end{array}$ |  |  | $\begin{aligned} & 4,300 \\ & 3,320 \\ & 4,472 \end{aligned}$ | $\begin{array}{r} 980 \\ (1,152) \end{array}$ |
| Soy-based Ingredients | $\begin{aligned} & 2019 \mathrm{E} \\ & 2018 \\ & 2017 \end{aligned}$ | $\begin{aligned} & \hline 3,433 \\ & 2,648 \\ & 3,170 \end{aligned}$ | $\begin{array}{r} 785 \\ (522) \end{array}$ |  |  |  |  | $\begin{aligned} & 559 \\ & 584 \\ & 305 \end{aligned}$ | $\begin{array}{r} (25) \\ 279 \end{array}$ |  |  | 138 56 70 | $\begin{array}{r} 82 \\ (14) \end{array}$ |  |  | $\begin{aligned} & \hline 4,130 \\ & 3,289 \\ & 3,546 \end{aligned}$ | $\begin{array}{r} 841 \\ (257) \end{array}$ |
| Consolidated adjustment | $\begin{aligned} & 2019 \mathrm{E} \\ & 2018 \\ & 2017 \end{aligned}$ | $\begin{array}{\|r\|} \hline 232 \\ (1,188) \\ 248 \\ \hline \end{array}$ | $\left\|\begin{array}{r} 1,420 \\ (1,436) \end{array}\right\|$ | $\begin{array}{r} 0 \\ (9) \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ (16) \end{array}$ | $\begin{array}{r} 15 \\ (45) \\ (7) \\ \hline \end{array}$ | $\begin{array}{r} 60 \\ (38) \end{array}$ | ( 29) | ( 29) |  |  | $\begin{array}{\|c\|} \hline(218) \\ 1,243 \\ (248) \\ \hline \end{array}$ | $\begin{array}{r} (1,461) \\ 1,491 \end{array}$ |  |  |  |  |
| Group administrative expenses | $\begin{aligned} & 2019 \mathrm{E} \\ & 2018 \\ & 2017 \\ & \hline \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & (3,809) \\ & (3,665) \\ & (3,308) \end{aligned}$ | $\begin{aligned} & (144) \\ & (357) \end{aligned}$ | $\begin{aligned} & (3,809) \\ & (3,665) \\ & (3,308) \end{aligned}$ | $\begin{aligned} & (144) \\ & (357) \end{aligned}$ |
| Operaing <br> profit <br> total | $\begin{aligned} & \hline \hline 2019 E \\ & 2018 \\ & 2017 \end{aligned}$ | $\begin{aligned} & \hline \hline 16,377 \\ & 13,722 \\ & 14,971 \\ & \hline \end{aligned}$ | $\begin{array}{r} 2,655 \\ (1,249) \end{array}$ | $\begin{array}{l\|} \hline \hline 4,561 \\ 3,103 \\ 3,709 \\ \hline \end{array}$ | $\begin{aligned} & \hline 1,458 \\ & (606) \end{aligned}$ | $\begin{aligned} & \hline \hline 3,523 \\ & 2,044 \\ & 3,246 \\ & \hline \end{aligned}$ | $\begin{array}{r} 1,479 \\ (1,202) \end{array}$ | $\begin{aligned} & \hline \hline 2,140 \\ & 1,853 \\ & 1,487 \end{aligned}$ | 287 366 | $\begin{array}{r} \hline 1,294 \\ 1,165 \\ 430 \end{array}$ | $\begin{aligned} & \hline \hline 129 \\ & 735 \end{aligned}$ | $\begin{array}{r} \hline \hline 85) \\ 301 \\ (55) \end{array}$ | ( 386$)$ 356 | $\begin{aligned} & \hline \hline(3,809) \\ & (3,665) \\ & (3,308) \end{aligned}$ | $\begin{aligned} & (144) \\ & (357) \end{aligned}$ | $\left\lvert\, \begin{array}{l\|} \hline 24,000 \\ 18,525 \\ 20,481 \end{array}\right.$ | 5,475 <br> $(1,956)$ |

## - Key points

[^0](1). Revenue
*before change segments,segment names

|  | FY | Japan |  | Asia |  | Americas |  | Europe |  | Consolidated Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | VS. <br> Previous Year |  | VS. <br> Previous Year |  | VS. Previous Year |  | VS. <br> Previous Year |  | VS. <br> Previous Year |
| Oils and Fats | $\begin{aligned} & 2018 \\ & 2017 \\ & 2016 \end{aligned}$ | $\begin{aligned} & \hline 36,782 \\ & 37,284 \\ & 38,663 \end{aligned}$ | $\begin{array}{r} (502) \\ (1,379) \end{array}$ | $\begin{array}{\|l\|} \hline 20,686 \\ 21,145 \\ 19,729 \end{array}$ | $\begin{array}{r} \hline(459) \\ 1,416 \end{array}$ | $\begin{array}{\|l\|} \hline 28,782 \\ 31,174 \\ 27,254 \end{array}$ | $\begin{array}{r} (2,392) \\ 3,920 \end{array}$ | $\left\|\begin{array}{l} 23,422 \\ 23,974 \\ 20,842 \end{array}\right\|$ | $\begin{aligned} & \hline(552) \\ & 3,132 \end{aligned}$ | $\left\|\begin{array}{l} 109,675 \\ 113,578 \\ 106,490 \end{array}\right\|$ | $\begin{array}{r} \hline 3,903) \\ 7,088 \end{array}$ |
| Confectionery and Bakery Ingredients | $\begin{aligned} & 2018 \\ & 2017 \\ & 2016 \end{aligned}$ | $\begin{array}{\|l\|} \hline 101,047 \\ 103,490 \\ 102,636 \\ \hline \end{array}$ | $\begin{array}{r} (2,443) \\ 854 \end{array}$ | $\left\|\begin{array}{l} 36,763 \\ 32,950 \\ 26,635 \end{array}\right\|$ | $\begin{aligned} & \hline 3,813 \\ & 6,315 \end{aligned}$ | $\begin{aligned} & 17,247 \\ & 19,621 \\ & 17,559 \end{aligned}$ | $\begin{array}{r} (2,374) \\ 2,062 \end{array}$ |  |  | $\left\|\begin{array}{l} 155,058 \\ 156,062 \\ 146,831 \end{array}\right\|$ | $\begin{array}{\|r\|} \hline(1,004) \\ 9,231 \end{array}$ |
| Soy | $\begin{aligned} & 2018 \\ & 2017 \\ & 2016 \\ & \hline \end{aligned}$ | $\begin{aligned} & 33,129 \\ & 34,990 \\ & 36,106 \\ & \hline \end{aligned}$ | $\left\lvert\, \begin{aligned} & (1,861) \\ & (1,116) \end{aligned}\right.$ | $\begin{aligned} & \hline 2,981 \\ & 3,014 \\ & 3,119 \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline(33) \\ (105) \end{array}$ |  |  |  |  | $\begin{array}{\|l\|} 36,110 \\ 38,004 \\ 39,226 \\ \hline \end{array}$ | $\begin{aligned} & (1,894) \\ & (1,222) \end{aligned}$ |
| Revenue total | $\begin{aligned} & \hline \hline 2018 \\ & 2017 \\ & 2016 \end{aligned}$ | $\begin{aligned} & \hline \hline 170,959 \\ & 175,764 \\ & 177,406 \\ & \hline \end{aligned}$ | $\begin{aligned} & (4,805) \\ & (1,642) \end{aligned}$ | $\begin{array}{\|l\|} \hline \hline 60,432 \\ 57,110 \\ 49,484 \end{array}$ | $\begin{aligned} & \hline \hline 3,322 \\ & 7,626 \end{aligned}$ | $\begin{aligned} & \hline \hline 46,030 \\ & 50,795 \\ & 44,813 \end{aligned}$ | $\begin{array}{r} \hline \hline(4,765) \\ 5,982 \end{array}$ | $\begin{aligned} & \hline \hline 23,422 \\ & 23,974 \\ & 20,842 \end{aligned}$ | $\begin{aligned} & \hline \hline(552) \\ & 3,132 \end{aligned}$ | $\begin{array}{\|\|l\|} \hline 300,844 \\ 307,645 \\ 292,547 \\ \hline \end{array}$ | $\begin{array}{r} \hline \hline(6,801) \\ 15,098 \end{array}$ |

(Note) The Above revenue are revenue to outside customers (revenue after eliminating inside sales).

## (2). Operating profit

|  | FY | Japan |  | Asia |  | Americas |  | Europe |  | Eliminated |  | Group administrative expenses |  | Consolidated Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{aligned} & \text { VS. } \\ & \text { Previous } \\ & \text { Year } \\ & \hline \end{aligned}$ |  | VS. <br> Previous <br> Year |  | VS. Previous Year |  | VS. Previous Year |  | VS. Previous Year |  |  |  | VS. <br> Previous <br> Year |
| Oils and Fats | $\begin{aligned} & 2018 \\ & 2017 \\ & 2016 \end{aligned}$ | $\begin{aligned} & \hline 3,984 \\ & 2,785 \\ & 2,959 \end{aligned}$ | $\begin{array}{r} \hline 1,199 \\ (174) \end{array}$ | $\begin{aligned} & 1,235 \\ & 1,705 \\ & 1,433 \end{aligned}$ | $\begin{array}{r} \hline 470) \\ 272 \end{array}$ | $\begin{aligned} & \hline 1,753 \\ & 2,298 \\ & 1,618 \end{aligned}$ | $\begin{array}{r} \hline(545) \\ 680 \end{array}$ | $\begin{array}{r} \hline 1,165 \\ 430 \\ 871 \end{array}$ | $\begin{array}{r} 735 \\ (441) \\ 0 \end{array}$ | $\begin{array}{r} 9 \\ 67 \\ 68 \end{array}$ | $\begin{array}{r} (58) \\ (1) \end{array}$ |  |  | $\begin{aligned} & \hline 8,148 \\ & 7,288 \\ & 6,951 \end{aligned}$ | $\begin{aligned} & 860 \\ & 337 \end{aligned}$ |
| Confectionery and Bakery Ingredients | $\begin{aligned} & 2018 \\ & 2017 \\ & 2016 \end{aligned}$ | $\begin{aligned} & 8,276 \\ & 8,766 \\ & 8,641 \end{aligned}$ | $\begin{array}{r} (490) \\ 125 \end{array}$ | $\begin{aligned} & 2,121 \\ & 2,729 \\ & 2,469 \end{aligned}$ | $\begin{array}{r} (608) \\ 260 \end{array}$ | $\begin{array}{r} 1,360 \\ 1,403 \\ 726 \end{array}$ | $\begin{array}{r} (43) \\ 677 \end{array}$ |  |  | $\begin{array}{r} (1,006) \\ 55 \\ (28) \end{array}$ | $(1,061)$ 83 |  |  | $\left\lvert\, \begin{aligned} & 10,753 \\ & 12,954 \\ & 11,808 \end{aligned}\right.$ | $\begin{array}{r} (2,201) \\ 1,146 \end{array}$ |
| Soy | $\begin{aligned} & 2018 \\ & 2017 \\ & 2016 \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,648 \\ & 3,170 \\ & 2,891 \\ & \hline \end{aligned}$ | ( 522) 279 | $\begin{aligned} & 584 \\ & 305 \\ & 523 \end{aligned}$ | $\begin{array}{r} 279 \\ (218) \end{array}$ |  |  |  |  | $\begin{array}{r}56 \\ 70 \\ 167 \\ \hline\end{array}$ | ( 14) ( 97) |  |  | $\begin{aligned} & 3,289 \\ & 3,546 \\ & 3,582 \\ & \hline \end{aligned}$ | $\begin{array}{r} (257) \\ (36) \end{array}$ |
| Consolidated adjustment | $\begin{aligned} & 2018 \\ & 2017 \\ & 2016 \end{aligned}$ | $\begin{array}{\|r\|} \hline(1,188) \\ 248 \\ 303 \\ \hline \end{array}$ | $(1,436)$ <br> (55) | $\begin{array}{r} (45) \\ (7) \\ (3) \\ \hline \end{array}$ | $\begin{array}{r} (38) \\ (4) \end{array}$ | $\begin{array}{r} (9) \\ 7 \\ (7) \end{array}$ | $\begin{array}{r} (16) \\ 14 \end{array}$ |  |  | $\begin{array}{\|l\|} \hline 1,243 \\ (248) \\ (292) \\ \hline \end{array}$ | $\begin{array}{r} 1,491 \\ 44 \end{array}$ |  |  |  |  |
| Group administrative expenses | $\begin{aligned} & 2018 \\ & 2017 \\ & 2016 \\ & \hline \hline \end{aligned}$ |  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \hline(3,665) \\ & (3,308) \\ & (2,648) \\ & \hline \hline \end{aligned}$ | $\begin{aligned} & \hline(357) \\ & (660) \end{aligned}$ | $\begin{aligned} & (3,665) \\ & (3,308) \\ & (2,648) \end{aligned}$ | $\begin{aligned} & \hline(357) \\ & (660) \end{aligned}$ |
| Operaing profit total | $\begin{aligned} & \hline \hline 2018 \\ & 2017 \\ & 2016 \end{aligned}$ | $\begin{aligned} & \hline \hline 13,722 \\ & 14,971 \\ & 14,795 \end{aligned}$ | $\begin{array}{r} \hline(1,249) \\ 176 \end{array}$ | $\begin{aligned} & \hline \hline 3,897 \\ & 4,733 \\ & 4,423 \end{aligned}$ | $\begin{array}{r} \hline \hline 836) \\ 310 \end{array}$ | $\begin{aligned} & \hline \hline 3,103 \\ & 3,709 \\ & 2,336 \end{aligned}$ | $\begin{aligned} & \hline \hline(606) \\ & 1,373 \end{aligned}$ | $\begin{array}{r} \hline \hline 1,165 \\ 430 \\ 871 \end{array}$ | $\begin{array}{r} 735 \\ (441) \end{array}$ | $\begin{array}{r} \hline 302 \\ (55) \\ (84) \end{array}$ | $\begin{array}{r} \hline 357 \\ 29 \end{array}$ | $\begin{aligned} & \hline \hline(3,665) \\ & (3,308) \\ & (2,648) \end{aligned}$ | $\begin{aligned} & \hline \hline(357) \\ & (660) \end{aligned}$ | $\left\lvert\, \begin{array}{l\|} \hline 18,525 \\ 20,481 \\ 19,694 \end{array}\right.$ | $\begin{array}{r} \hline \hline(1,956) \\ 787 \end{array}$ |

*Will change segments and segment names. Changing confectionary and bakery ingredients to industrial chocolate and emulsified and fermented ingredients, oils and fats to vegetable oils and fats, and soy to soy-based ingredients.
10. Medium-term strategic products Sales volume (YoY)

Due to business segment change and business growth in each global area, we have changed the aggregation target and classification from FY2019.

| Segment | Product |  | FY2017 |  |  |  |  |  | FY2017 | FY2018 |  |  |  |  |  | FY2018 | 2019 E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1Q | 2Q | $\begin{aligned} & \text { 1st } \\ & \text { half } \end{aligned}$ | 3Q | 4Q | $\begin{aligned} & \text { 2nd } \\ & \text { half } \end{aligned}$ |  | 1Q | 2Q | $\begin{gathered} \hline \text { 1st } \\ \text { half } \\ \hline \end{gathered}$ | 3Q | 4Q | 2nd half |  |  |
| Vegetable Oils and Fats | Hard butters for chocolate | Japan | 105\% | 90\% | 97\% | 102\% | 100\% | 101\% | 99\% | 96\% | 98\% | 97\% | 96\% | 96\% | 96\% | 97\% | 100\% |
|  |  | Americas | 89\% | 89\% | 89\% | 76\% | 88\% | 82\% | 85\% | 104\% | 103\% | 104\% | 109\% | 93\% | 101\% | 102\% | 119\% |
|  |  | Southeast Asia | 92\% | 98\% | 95\% | 133\% | 111\% | 122\% | 108\% | 112\% | 102\% | 107\% | 80\% | 98\% | 88\% | 97\% | 102\% |
|  |  | China | 106\% | 97\% | 102\% | 128\% | 116\% | 122\% | 114\% | 83\% | 103\% | 90\% | 96\% | 87\% | 91\% | 91\% | 103\% |
|  |  | Europe | 113\% | 91\% | 102\% | 100\% | 105\% | 102\% | 102\% | 92\% | 105\% | 98\% | 90\% | 90\% | 90\% | 93\% | 98\% |
|  |  | Total | 96\% | 93\% | 95\% | 105\% | 102\% | 104\% | 99\% | 103\% | 102\% | 103\% | 91\% | 95\% | 93\% | 97\% | 105\% |
| Industrial Chocolate | Chocolate | Japan | 99\% | 101\% | 100\% | 99\% | 107\% | 103\% | 102\% | 102\% | 91\% | 96\% | 99\% | 90\% | 95\% | 96\% | 103\% |
|  |  | Americas | 100\% | 72\% | 89\% | 91\% | 89\% | 90\% | 89\% | 93\% | 92\% | 92\% | 102\% | 135\% | 110\% | 101\% | 106\%\% |
|  |  | Southeast <br> Asia | 128\% | 121\% | 124\% | 147\% | 107\% | 123\% | 124\% | 104\% | 98\% | 101\% | 101\% | 107\% | 104\% | 103\% | 127\% |
|  |  | China | 88\% | 100\% | 95\% | 95\% | 85\% | 89\% | 92\% | 141\% | 114\% | 127\% | 114\% | 121\% | 118\% | 122\% | 106\% |
|  |  | Europe | 114\% | 106\% | 110\% | 104\% | 101\% | 102\% | 105\% | 122\% | 131\% | 127\% | 91\% | 117\% | 105\% | 123\% | 105\% |
|  |  | Total | 104\% | 95\% | 100\% | 103\% | 99\% | 101\% | 101\% | 100\% | 96\% | 98\% | 105\% | 110\% | 107\% | 103\% | 110\% |
| Emulsified and Fermented Ingredients | Cream | Japan | 93\% | 105\% | 98\% | 110\% | 110\% | 110\% | 104\% | 104\% | 101\% | 102\% | 94\% | 99\% | 96\% | 99\% | 103\% |
|  |  | $\begin{aligned} & \hline \text { Southeast } \\ & \text { Asia } \\ & \hline \end{aligned}$ | 95\% | 117\% | 107\% | 131\% | 137\% | 134\% | 120\% | 132\% | 103\% | 115\% | 99\% | 106\% | 103\% | 109\% | 116\% |
|  | Margarine / shortening | Japan | 100\% | 94\% | 97\% | 98\% | 100\% | 99\% | 98\% | 96\% | 98\% | 97\% | 96\% | 92\% | 94\% | 96\% | 94\% |
|  |  | China | 112\% | 114\% | 113\% | 116\% | 104\% | 110\% | 110\% | 95\% | 99\% | 97\% | 92\% | 122\% | 106\% | 103\% | 145\% |
|  | Filling | China | 160\% | 159\% | 160\% | 178\% | 145\% | 159\% | 160\% | 161\% | 132\% | 145\% | 139\% | 141\% | 140\% | 142\% | 116\% |
| Soy-based Ingredients | Soy protein ingredients | Japan | 105\% | 106\% | 105\% | 100\% | 100\% | 100\% | 103\% | 104\% | 104\% | 104\% | 105\% | 102\% | 104\% | 104\% | 103\% |
|  | Soy protein foods | Japan | 94\% | 99\% | 97\% | 84\% | 81\% | 83\% | 89\% | 83\% | 84\% | 83\% | 103\% | 105\% | 104\% | 93\% | 106\% |
|  | Functional agents | Japan | 106\% | 111\% | 108\% | 96\% | 99\% | 98\% | 103\% | 96\% | 107\% | 102\% | 91\% | 107\% | 99\% | 101\% | 113\% |

*Blommer is no included

## Key points

FY19 As for the FY2019 sales volume plan for hard butters for chocolate in the Vegetable Oils and Fats business, we forecast Southeast Asia.

Vegetable Oils FY18 and Fats

Industrial Chocolate

FY18

In FY2018, hard butters for chocolate sales volume by the Vegetable Oils and Fats business were firm on sales of high valueadded CBE in the Americas, Southeast Asia, and China. However, sales volume declined due to a continued focus on profitable sales in Japan and decreased sales volume for CBS and other products overseas. contributions of the newly consolidated IFS (Australian chocolate manufacturing company) and sales growth in China and Europe.
FY19 In FY2019, we will increase sales volume for industrial chocolate on the new consolidation of IFS, sales growth in Southeast Asia, and increased volume in Europe.

Emulsified and FY18 In 2018, From the new plant in China resulted in a significant increase in filling sales.
Fermented
Ingredients
FY19 In 2019, Full-year contributions from the new plant in China will increase margarine and fillings.

Soy-based FY18 In FY2018, sales volume for the soy-based ingredients business decreased due to renovations at the plant that manufactures Ingredients

FY1 In FY2019, we forecast the Soy-based Ingredients business will recover from renovations at the plant for manufacturing soy protein foods and see increased demand for water soluble soy polysaccharides.
$\bullet$ (Reference) 【Fuji Oil (Japan)】Domestic sales volume, Revenue (by major product)
We have changed the aggregation target and classification from FY2019 (P11), however we have posted FY2018 results in the conventional classification.

|  |  | $\begin{gathered} \text { FY } \\ 2016 \end{gathered}$ | FY2017 |  |  |  |  |  | $\begin{gathered} \text { FY } \\ 2017 \end{gathered}$ | FY2018 |  |  |  |  |  | $\begin{gathered} \text { FY } \\ 2018 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1Q | 2Q | $\begin{aligned} & 1 \text { st } \\ & \text { half } \\ & \hline \end{aligned}$ | 3Q | 4Q | $\begin{aligned} & \text { 2nd } \\ & \text { half } \end{aligned}$ |  | 1Q | 2Q | $\begin{aligned} & \hline \text { 1st } \\ & \text { half } \\ & \hline \end{aligned}$ | 3Q | 4Q | 2nd half |  |
| Oils for food processing | Volume Sales | $\begin{aligned} & 104 \% \\ & 101 \% \end{aligned}$ | $\begin{gathered} 99 \% \\ 107 \% \end{gathered}$ | $\begin{array}{l\|} \hline 91 \% \\ 97 \% \\ \hline \end{array}$ | $\begin{gathered} 95 \% \\ 102 \% \end{gathered}$ | $\begin{array}{l\|} \hline 84 \% \\ 91 \% \\ \hline \end{array}$ | $\begin{aligned} & \hline 90 \% \\ & 93 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 87 \% \\ & 92 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & 91 \% \\ & 97 \% \end{aligned}$ | $\begin{aligned} & 96 \% \\ & 94 \% \end{aligned}$ | $\begin{array}{r} 104 \% \\ 99 \% \end{array}$ | $\begin{array}{r} 100 \% \\ 96 \% \end{array}$ | $\begin{array}{r} 101 \% \\ 95 \% \end{array}$ | $\begin{array}{r} 101 \% \\ 91 \% \end{array}$ | $\begin{array}{r} 101 \% \\ 93 \% \end{array}$ | $\begin{array}{r} 101 \% \\ 95 \% \end{array}$ |
| Hard butters for chocolate | Volume Sales | $\begin{aligned} & 109 \% \\ & 106 \% \end{aligned}$ | $\begin{array}{\|l\|} \hline 105 \% \\ 101 \% \\ \hline \end{array}$ | $\begin{aligned} & 90 \% \\ & 89 \% \end{aligned}$ | $\begin{aligned} & 97 \% \\ & 94 \% \end{aligned}$ | $\begin{array}{r} 102 \% \\ 99 \% \end{array}$ | $\begin{array}{r} 100 \% \\ 99 \% \end{array}$ | $\begin{array}{r} 101 \% \\ 99 \% \\ \hline \end{array}$ | $\begin{aligned} & 99 \% \\ & 97 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & 96 \% \\ & 97 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & 98 \% \\ & 97 \% \end{aligned}$ | $\begin{aligned} & 97 \% \\ & 97 \% \end{aligned}$ | $\begin{aligned} & 96 \% \\ & 97 \% \end{aligned}$ | $\begin{aligned} & 96 \% \\ & 97 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & 96 \% \\ & 97 \% \end{aligned}$ | $\begin{aligned} & 97 \% \\ & 97 \% \end{aligned}$ |
| Oils and Fats | Volume Sales | $\begin{aligned} & 105 \% \\ & 102 \% \end{aligned}$ | $\begin{gathered} 99 \% \\ 105 \% \end{gathered}$ | $\begin{aligned} & \hline 91 \% \\ & 94 \% \end{aligned}$ | $\begin{aligned} & \hline 95 \% \\ & 99 \% \end{aligned}$ | $\begin{aligned} & \hline 86 \% \\ & 93 \% \end{aligned}$ | $\begin{aligned} & \hline 91 \% \\ & 94 \% \end{aligned}$ | $\begin{aligned} & \hline 88 \% \\ & 93 \% \end{aligned}$ | $\begin{aligned} & \hline 92 \% \\ & 96 \% \end{aligned}$ | $\begin{aligned} & \hline 96 \% \\ & 96 \% \end{aligned}$ | $\begin{aligned} & \hline 104 \% \\ & 100 \% \end{aligned}$ | $\begin{array}{r} 100 \% \\ 98 \% \end{array}$ | $\begin{array}{r} 101 \% \\ 97 \% \end{array}$ | $\begin{array}{r\|} \hline 101 \% \\ 93 \% \end{array}$ | $\begin{array}{r} \hline 101 \% \\ 95 \% \end{array}$ | $\begin{array}{r} 100 \% \\ 96 \% \end{array}$ |
| Chocolate | Volume Sales | $\begin{aligned} & 104 \% \\ & 105 \% \end{aligned}$ | $\begin{aligned} & \hline 99 \% \\ & 99 \% \\ & \hline \end{aligned}$ | $\begin{array}{\|l\|} \hline 101 \% \\ 100 \% \\ \hline \end{array}$ | $\begin{array}{r} \hline 100 \% \\ 99 \% \\ \hline \end{array}$ | $\begin{aligned} & \hline 99 \% \\ & 99 \% \\ & \hline \end{aligned}$ | $\begin{array}{\|l\|} \hline 107 \% \\ 103 \% \\ \hline \end{array}$ | $\begin{array}{l\|} \hline 103 \% \\ 101 \% \\ \hline \end{array}$ | $\begin{aligned} & 102 \% \\ & 100 \% \end{aligned}$ | $\begin{aligned} & 102 \% \\ & 101 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 91 \% \\ & 91 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 96 \% \\ & 96 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 99 \% \\ & 99 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 90 \% \\ & 93 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 95 \% \\ & 96 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 96 \% \\ & 96 \% \\ & \hline \end{aligned}$ |
| Cream | Volume Sales | $\begin{aligned} & \hline 97 \% \\ & 96 \% \end{aligned}$ | $\begin{aligned} & \hline 93 \% \\ & 89 \% \end{aligned}$ | $\begin{array}{\|l\|} \hline 105 \% \\ 105 \% \\ \hline \end{array}$ | $\begin{aligned} & \hline 98 \% \\ & 96 \% \end{aligned}$ | $\begin{array}{\|l\|} \hline 110 \% \\ 107 \% \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline 110 \% \\ 111 \% \end{array}$ | $\begin{aligned} & \hline 110 \% \\ & 109 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & 104 \% \\ & 103 \% \end{aligned}$ | $\begin{aligned} & \hline 104 \% \\ & 106 \% \end{aligned}$ | $\begin{aligned} & \hline 101 \% \\ & 103 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & 102 \% \\ & 105 \% \end{aligned}$ | $\begin{aligned} & \hline 94 \% \\ & 96 \% \end{aligned}$ | $\begin{aligned} & \hline 99 \% \\ & 99 \% \end{aligned}$ | $\begin{aligned} & \hline 96 \% \\ & 98 \% \end{aligned}$ | $\begin{array}{r} \hline 99 \% \\ 101 \% \end{array}$ |
| Margarine / shortening | Volume Sales | $\begin{aligned} & \hline 99 \% \\ & 96 \% \end{aligned}$ | $\begin{array}{\|l\|} \hline 100 \% \\ 100 \% \\ \hline \end{array}$ | $\begin{aligned} & \hline 94 \% \\ & 96 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 97 \% \\ & 98 \% \end{aligned}$ | $\begin{aligned} & \hline 98 \% \\ & 99 \% \end{aligned}$ | $\begin{array}{r} 100 \% \\ 99 \% \end{array}$ | $\begin{aligned} & \hline 99 \% \\ & 99 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & 98 \% \\ & 99 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 96 \% \\ & 98 \% \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline 98 \% \\ 100 \% \\ \hline \end{array}$ | $\begin{aligned} & 97 \% \\ & 99 \% \end{aligned}$ | $\begin{array}{r} \hline 96 \% \\ 100 \% \\ \hline \end{array}$ | $\begin{aligned} & \hline 92 \% \\ & 95 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 94 \% \\ & 98 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \mathbf{9 6 \%} \\ & \mathbf{9 8 \%} \\ & \hline \end{aligned}$ |
| Preparations | Volume Sales | $\begin{aligned} & \hline 75 \% \\ & 73 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 63 \% \\ & 69 \% \\ & \hline \end{aligned}$ | $\begin{array}{\|l\|} \hline 100 \% \\ 104 \% \\ \hline \end{array}$ | $\begin{aligned} & \hline 80 \% \\ & 86 \% \\ & \hline \end{aligned}$ | $\begin{array}{\|l\|} \hline 110 \% \\ 124 \% \\ \hline \end{array}$ | $\begin{array}{\|r\|} \hline 94 \% \\ 112 \% \end{array}$ | $\begin{aligned} & \hline 102 \% \\ & 118 \% \\ & \hline \end{aligned}$ | $\begin{array}{r} 90 \% \\ 101 \% \\ \hline \end{array}$ | $\begin{array}{l\|} \hline 139 \% \\ 145 \% \\ \hline \end{array}$ | $\begin{array}{r} \hline 95 \% \\ 110 \% \\ \hline \end{array}$ | $\begin{aligned} & 114 \% \\ & 124 \% \end{aligned}$ | $\begin{array}{r} \hline 100 \% \\ 98 \% \end{array}$ | $\begin{aligned} & \hline 92 \% \\ & 86 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 96 \% \\ & 92 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & 105 \% \\ & 107 \% \end{aligned}$ |
| Confectionery and Bakery Ingredients | Volume Sales | $\begin{aligned} & \hline 97 \% \\ & 98 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 95 \% \\ & 97 \% \\ & \hline \end{aligned}$ | $\begin{array}{\|l\|} \hline 100 \% \\ 101 \% \\ \hline \end{array}$ | $\begin{aligned} & \hline 97 \% \\ & 99 \% \\ & \hline \end{aligned}$ | $\begin{array}{\|l\|} \hline 102 \% \\ 102 \% \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline 103 \% \\ 102 \% \\ \hline \end{array}$ | $\begin{aligned} & \hline 103 \% \\ & 102 \% \\ & \hline \end{aligned}$ | $\begin{array}{l\|} \hline 100 \% \\ 101 \% \\ \hline \end{array}$ | $\begin{array}{l\|} \hline 101 \% \\ 101 \% \\ \hline \end{array}$ | $\begin{aligned} & \hline 96 \% \\ & 97 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 98 \% \\ & 99 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 97 \% \\ & 99 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 93 \% \\ & 94 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 95 \% \\ & 97 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 97 \% \\ & 98 \% \\ & \hline \end{aligned}$ |
| Soy protein ingredients | Volume Sales | $\begin{array}{r} 100 \% \\ 97 \% \end{array}$ | $\begin{array}{\|l\|} \hline 105 \% \\ 101 \% \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline 106 \% \\ 102 \% \\ \hline \end{array}$ | $\begin{array}{l\|} \hline 105 \% \\ 101 \% \end{array}$ | $\begin{array}{\|r\|} \hline 100 \% \\ 97 \% \end{array}$ | $\begin{array}{\|r\|} \hline 100 \% \\ 99 \% \\ \hline \end{array}$ | $\begin{array}{r} \hline 100 \% \\ 98 \% \end{array}$ | $\begin{aligned} & 103 \% \\ & 100 \% \end{aligned}$ | $\begin{array}{l\|} \hline 104 \% \\ 104 \% \end{array}$ | $\begin{aligned} & \hline 104 \% \\ & 104 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 104 \% \\ & 104 \% \end{aligned}$ | $\begin{array}{l\|} \hline 105 \% \\ 108 \% \\ \hline \end{array}$ | $\begin{aligned} & 102 \% \\ & 106 \% \end{aligned}$ | $\begin{array}{\|l\|} \hline 104 \% \\ 107 \% \\ \hline \end{array}$ | $\begin{array}{l\|} \hline 104 \% \\ 106 \% \end{array}$ |
| Soy protein foods | Volume Sales | $\begin{aligned} & \hline 97 \% \\ & 98 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & 94 \% \\ & 94 \% \\ & \hline \end{aligned}$ | $\begin{array}{\|r\|} \hline 99 \% \\ 101 \% \\ \hline \end{array}$ | $\begin{aligned} & \hline 97 \% \\ & 98 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 84 \% \\ & 84 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 81 \% \\ & 84 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 83 \% \\ & 84 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 89 \% \\ & 91 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 83 \% \\ & 86 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 84 \% \\ & 85 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 83 \% \\ & 86 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 103 \% \\ & 106 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & 105 \% \\ & 104 \% \\ & \hline \end{aligned}$ | $\begin{array}{\|l\|} \hline 104 \% \\ 105 \% \\ \hline \end{array}$ | $\begin{aligned} & \hline 93 \% \\ & 95 \% \\ & \hline \end{aligned}$ |
| Functional agents | Volume Sales | $\begin{aligned} & 108 \% \\ & 108 \% \end{aligned}$ | $\begin{aligned} & 106 \% \\ & 108 \% \end{aligned}$ | $\begin{aligned} & \text { 111\% } \\ & 114 \% \end{aligned}$ | $\begin{aligned} & 108 \% \\ & 111 \% \end{aligned}$ | $\begin{aligned} & 96 \% \\ & 97 \% \end{aligned}$ | $\begin{array}{r} \text { 99\% } \\ 102 \% \end{array}$ | $\begin{array}{r} 98 \% \\ 100 \% \end{array}$ | $\begin{aligned} & 103 \% \\ & 105 \% \end{aligned}$ | $\begin{aligned} & \hline 96 \% \\ & 97 \% \end{aligned}$ | $\begin{aligned} & 107 \% \\ & 111 \% \end{aligned}$ | $\begin{aligned} & 102 \% \\ & 104 \% \end{aligned}$ | $\begin{aligned} & \hline 91 \% \\ & 91 \% \end{aligned}$ | $\begin{array}{l\|} \hline 107 \% \\ 107 \% \end{array}$ | $\begin{aligned} & \text { 99\% } \\ & 99 \% \end{aligned}$ | $\begin{array}{l\|} \hline 101 \% \\ 102 \% \end{array}$ |
| Raw Soy milk | Volume Sales | $\begin{aligned} & \hline 97 \% \\ & 94 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & 92 \% \\ & 93 \% \end{aligned}$ | $\begin{aligned} & 103 \% \\ & 103 \% \end{aligned}$ | $\begin{aligned} & 98 \% \\ & 98 \% \end{aligned}$ | $\begin{aligned} & 106 \% \\ & 108 \% \end{aligned}$ | $\begin{aligned} & 93 \% \\ & 94 \% \end{aligned}$ | $\begin{array}{r} 99 \% \\ 101 \% \\ \hline \end{array}$ | $\begin{aligned} & \hline 98 \% \\ & 99 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 95 \% \\ & 95 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 88 \% \\ & 91 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 92 \% \\ & 93 \% \\ & \hline \end{aligned}$ | $\begin{array}{l\|} \hline 101 \% \\ 114 \% \\ \hline \end{array}$ | $\begin{aligned} & 101 \% \\ & 112 \% \\ & \hline \end{aligned}$ | $\begin{array}{\|l\|} \hline 101 \% \\ 113 \% \\ \hline \end{array}$ | $\begin{array}{r} 96 \% \\ 103 \% \\ \hline \end{array}$ |
| Soy | Volume Sales | $\begin{array}{r} 101 \% \\ 99 \% \end{array}$ | $\begin{array}{\|r\|} \hline 95 \% \\ 100 \% \\ \hline \end{array}$ | $\begin{array}{r} 99 \% \\ 104 \% \\ \hline \end{array}$ | $\begin{array}{r} 97 \% \\ 102 \% \end{array}$ | $\begin{aligned} & 97 \% \\ & 93 \% \end{aligned}$ | $\begin{aligned} & 96 \% \\ & 94 \% \end{aligned}$ | $\begin{aligned} & 96 \% \\ & 93 \% \end{aligned}$ | $\begin{aligned} & 97 \% \\ & 97 \% \end{aligned}$ | $\begin{aligned} & \hline 98 \% \\ & 96 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 97 \% \\ & 98 \% \\ & \hline \end{aligned}$ | $\begin{array}{l\|} \hline 98 \% \\ 97 \% \\ \hline \end{array}$ | $\begin{aligned} & 101 \% \\ & 105 \% \end{aligned}$ | $\begin{array}{\|l\|} \hline 101 \% \\ 105 \% \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline 101 \% \\ 105 \% \\ \hline \end{array}$ | $\begin{array}{r} \hline 99 \% \\ 101 \% \end{array}$ |
| Total | Volume Sales | $\begin{array}{r} 101 \% \\ 99 \% \end{array}$ | $\begin{array}{r} 97 \% \\ 100 \% \end{array}$ | $\begin{array}{r} 96 \% \\ 100 \% \end{array}$ | $\begin{array}{r} 96 \% \\ 100 \% \end{array}$ | $\begin{aligned} & 93 \% \\ & 98 \% \end{aligned}$ | $\begin{aligned} & 96 \% \\ & 98 \% \end{aligned}$ | $\begin{aligned} & 95 \% \\ & 98 \% \end{aligned}$ | $\begin{aligned} & 95 \% \\ & 99 \% \end{aligned}$ | $\begin{aligned} & 98 \% \\ & 99 \% \end{aligned}$ | $\begin{array}{r} 100 \% \\ 98 \% \end{array}$ | $\begin{aligned} & 99 \% \\ & 98 \% \end{aligned}$ | $\begin{array}{r} 100 \% \\ 99 \% \end{array}$ | $\begin{aligned} & 98 \% \\ & 96 \% \end{aligned}$ | $\begin{aligned} & 99 \% \\ & 98 \% \end{aligned}$ | $\begin{aligned} & 99 \% \\ & 98 \% \end{aligned}$ |

(Note) Due to an internal change in reporting categories, certain values may differ from materials distributed in the past.
-(Reference). Medium-term strategic products Sales volume

|  |  | FY2016 | FY2017 |  |  |  |  |  | $\begin{gathered} \text { FY } \\ 2017 \end{gathered}$ | FY2018 |  |  |  |  |  | $\begin{gathered} \text { FY } \\ 2018 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1Q | 2Q | $\begin{aligned} & \text { 1st } \\ & \text { half } \end{aligned}$ | 3Q | 4Q | 2nd half |  | 1Q | 2Q | $\begin{aligned} & \text { 1st } \\ & \text { half } \end{aligned}$ | 3Q | 4Q | $\begin{aligned} & \text { 2nd } \\ & \text { half } \end{aligned}$ |  |
| Hard butters for chocolate | Asia | 114\% | 93\% | 98\% | 95\% | 133\% | 111\% | 122\% | 109\% | 110\% | 102\% | 106\% | 81\% | 97\% | 89\% | 96\% |
|  | Americas | 107\% | 89\% | 89\% | 89\% | 76\% | 88\% | 82\% | 85\% | 104\% | 103\% | 104\% | 109\% | 93\% | 101\% | 102\% |
|  | Europe | 102\% | 113\% | 91\% | 102\% | 100\% | 105\% | 102\% | 102\% | 92\% | 105\% | 98\% | 90\% | 90\% | 90\% | 93\% |
|  | Total | 109\% | 95\% | 93\% | 94\% | 106\% | 102\% | 104\% | 99\% | 104\% | 103\% | 104\% | 90\% | 94\% | 92\% | 97\% |
| Chocolate | Asia | 116\% | 120\% | 118\% | 119\% | 135\% | 102\% | 116\% | 117\% | 109\% | 100\% | 104\% | 103\% | 109\% | 106\% | 105\% |
|  | Americas | 102\% | 100\% | 72\% | 89\% | 91\% | 89\% | 90\% | 89\% | 93\% | 92\% | 92\% | 102\% | 135\% | 110\% | 101\% |
|  | Europe | 113\% | 114\% | 106\% | 110\% | 104\% | 101\% | 102\% | 105\% | 122\% | 131\% | 127\% | 91\% | 117\% | 105\% | 123\% |
|  | Total | 107\% | 106\% | 84\% | 99\% | 106\% | 95\% | 100\% | 100\% | 99\% | 100\% | 100\% | 102\% | 134\% | 116\% | 109\% |
| Cream | Asia | 102\% | 93\% | 112\% | 105\% | 131\% | 136\% | 134\% | 119\% | 135\% | 104\% | 118\% | 101\% | 108\% | 105\% | 111\% |
| Margarine / shortening | Asia | 112\% | 112\% | 114\% | 113\% | 116\% | 104\% | 110\% | 110\% | 95\% | 99\% | 97\% | 91\% | 129\% | 108\% | 99\% |
| Filling | Asia | 152\% | 160\% | 159\% | 160\% | 178\% | 145\% | 159\% | 160\% | 161\% | 132\% | 145\% | 139\% | 141\% | 140\% | 142\% |
| IFS company is added from FY2018Q3. It has been retroactively corrected. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Water soluble soy polysaccharide | Volume | 108\% | 106\% | 111\% | 108\% | 99\% | 103\% | 101\% | 105\% | 98\% | 115\% | 106\% | 91\% | 111\% | 101\% | 104\% |
| USS | Volume | 129\% | 129\% | 117\% | 123\% | 123\% | 86\% | 104\% | 114\% | 65\% | 69\% | 67\% | 72\% | 87\% | 78\% | 72\% |

## 11. Market prices for major related raw materials / Major currency rates

- For international markets of major raw materials that could influence our Groups business, this is a list of benchmarks for yen-converted prices and thus may differ from actual market prices for raw materials used.
- Usage periods and allowance assignment periods differ by half a year to reflect our Groups raw material allowance timing.

Transitions in Major relevant raw material markets (after yen conversion)
※Market prices from Oct. 1, 2016 set to 100.


EU whole milk powder (published byUSDA) EU butter (published by USDA)
Soybean meal (Chicago futures)
Currency (JPY/USD)

Cacao beans (London futures)
Raw palm oil (CIF Rotterdam JPY/KG)

Raw Palm Kernel oil (CIF Rotterdam JPY/KG))

## Major currency rates

- P/L Intrest-bearing loans

|  |  | FY2017 <br> Year-end | FY2018 <br> Year-end | vs. Previ <br> Difference | us Year <br> Change | $\begin{aligned} & \text { FY2019 } \\ & \text { forecast } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | P/L | 112.19 | 110.43 | ( 1.76) | (1.6)\% | 113.00 |
|  | B/S | 113.00 | 111.00 | (2.00) | (1.8)\% |  |
| BRL | P/L | 35.16 | 30.38 | ( 4.78) | (13.6)\% | 28.25 |
|  | B/S | 34.16 | 28.65 | ( 5.51) | (16.1)\% |  |
| € | P/L | 126.67 | 130.42 | 3.75 | +3.0\% | 132.00 |
|  | B/S | 134.94 | 127.00 | ( 7.94) | (5.9)\% |  |
| RMB | P/L | 16.63 | 16.72 | 0.09 | + 0.5\% | 16.50 |
|  | B/S | 17.29 | 16.16 | ( 1.13) | (6.5)\% |  |

Our group uses exchange contracts for purchasing

## 12. Progress of Medium-Term Business Plan Progress



## Basic Strategy <br> Basic policy

(1)Core competence enhancement
(2) Growth of soy business
(3)Functional high-value added products business development
(4)Cost reductions and alignment with global standards

|  | FY2016 | FY2017 | FY2018 | FY2019 Forecast |
| :---: | :---: | :---: | :---: | :---: |
| ROE | 8.3\% | 8.8\% | 7.3\% | 9.4\% |
| Net sales margin ratio | 4.1\% | 4.5\% | 3.8\% | - |
| Total return on asset | 107.5\% | 113.6\% | 78.5\% | - |
| financial leverage | 1.8 x | $1.7 x$ | $2.5 x$ | - |
| EPS | 140.8 yen | 159.9yen | 134.7yen | 176.8yen |
| EPS growth rate | 31.2\% | 13.5\% | (15.7)\% | +31.2\% |
| Operating profit | 19.7 billion | 20.5 billion | 18.5 billion | 24.0 billion |
| Operating profit growth rate | 16.9\% | 4.0\% | (9.5)\% | +29.5\% |
| Payout ratio | 31.2\% | 30.0\% | 37.1\% | 30.5\% |
| Operating cash flow | $\begin{array}{r} 16.5 \\ \text { billion } \end{array}$ | $\begin{array}{r} 28.2 \\ \text { billion } \end{array}$ | $\begin{array}{r} 22.6 \\ \text { billion } \end{array}$ | $\begin{array}{r} 32.0 \\ \text { billion } \end{array}$ |
| CCC | 110 days | 103 days | *105days | 105 days |
| Account receivable | 74 days | 76 days | - | - |
| Wholsale assets | 65 days | 57 days | - | - |
| Trade payable | 29 days | 30 days | - | - |
| Capital expenditure | $\begin{array}{r} 13.6 \\ \text { billion } \end{array}$ | $\begin{array}{r} 14.7 \\ \text { billion } \end{array}$ | $\begin{array}{r} 15.9 \\ \text { billion } \end{array}$ | $\begin{array}{r} 22.0 \\ \text { billion } \end{array}$ |
| M\&A | - | - | Blommer-IFS | - |


|  | FY2020 target |
| :---: | :---: |
| - | 10.0\% |
| - | Approx. 5.0\% |
| - | Approx. 115\% |
| - | Approx. 1.8x |
| $\begin{array}{\|c\|} \hline 3 \text { year CAGR } \\ 7.9 \% \end{array}$ | $\begin{gathered} \text { EPS } \\ \text { CAGR 8\% } \end{gathered}$ |
| $\begin{array}{\|c} 3 \text { year CAGR } \\ 6.8 \% \end{array}$ | Operating profit CAGR 6\% |
|  | $\begin{gathered} \hline \text { Payout ratio } \\ 30-40 \% \\ \hline \end{gathered}$ |
| 3 year total 82.8 billion | 4year cumulative CF 100billion |
| - |  |
| - | 10 day |
| - | n |
| 3 year total 52.6 billion | 4 year total of about 60-70billion yen |
| - | assurances of 50 billion yen infunding |

*Blommer is no included
13.Topics

| May 2018 | Construction of a grievance mechanism |
| :---: | :---: |
| June 2018 | Fuji Oil (Zhang Jia Gang) Establishment of FUJISUNNY PLAZA JINAN |
| July 2018 | Fujitsu and Fuji Oil reach information systems partnership agreement |
|  | Ibaraki University and Fuji Oil Holdings implement cross-appointment system from university to enterprise |
|  | Acquisition of Australian Industrial Use Chocolate Manufacturer |
|  | Publish 2018 Sustainability Report |
|  | Harald become a wholly-owned subsidiary |
|  | Establishment of FUJI EUROPE AFRICA B.V. Regional Headquarters |
| August 2018 | Formulate Responsible Cacao Sourcing Policy |
|  | Release of Integrated Report: FUJI OIL Integrated Report 2018 |
| October 2018 | Selected by the Securities Analysts Association of Japan to the list of Companies Making Notable Improvements in Disclosure 2018 |
|  | The Fuji Oil Group joins the Dutch Food Valley community to accelerate R\&D and build global collaboration networks |
| January 2019 | Selection of the FUJI OIL HOLDINGS for the Forest A List by the CDP |
|  | Acquisition of the stock of Blommer Chocolate Company |
| February 2019 | Completed transfer of ownership of JILIN FUJI PROTEIN CO., LTD. |


[^0]:    -From FY2018, we have changed format so that corporate expenses recorded for the Group main office and certain area management company are indicated separately. -Due to the realignment of Fuji Oil Thailand (Oils and Fats $\rightarrow$ Confectionery and Bakery Ingredients), results are presented after retroactive adjustments.Group administrative expenses are not recorded within operating income of each segment.
    -Will change segments and segment names. Changing confectionary and bakery ingredients to industrial chocolate and emulsified and fermented ingredients, oils and fats to vegetable oils and fats, and soy to soy-based ingredients.

    - We will also change areas from Asia to Southeast Asia and China.

    Vegetable Oils Japan: and Fats

    In FY2018, profit improved on stable raw materials prices and a continued focus on profitability. In FY2019, we will continue to focus on profitable sales but expect profits to decline.
    Americas: In FY2018, profits declined mainly due to climate and other special factors. In FY2019, we forecast increased profits on growth in sales of hard butters for chocolate and other products.
    Southeast In FY2018, profits declined on decreased sales of raw materials such as commodity oils and fats. In FY2019, we are planning for increase Asia: profits on growth in sales of hard butters for chocolate.

    Industrial Japan: In FY2018, sales were firm for gift products and colored chocolate. In FY2019, we expect increased profits on contributions from the expanded colored chocolate production line, and other factors.
    Americas: In FY2018, we focused on profitable sales but profit decline on depreciation of the Brazilian real and other factors. In FY2019, we are planning for increased profits on contributions from the new consolidation of Blommer.
    Southeast In FY2018, profits increased thanks to firm sales in China. In FY2019, in addition to the consolidation of IFS, we will implement sales
    Asia
    China:

    Emulsified and
    Fermented
    Ingredients
    Soy-based Ingredien

    In FY2018, sales grew thanks to the start of operations of new plant in China but profit decreased on lower sales in Japan. In FY2019, we plan to increase profits by expanding sales in new Japanese markets and earning full-year contributions from new plant in China.

    In FY2018, profits declined due to decreased sales resulting from the renovations at the plant making soy protein foods. In FY2019, we will increase profits by recovering sales of soy protein foods.

