

Chilean salmon industry tries to kick antibiotic habit



Chile's coastal waters have recently been awash with bacteria which causes a disease in salmon.

AFP, Santiago

Chile's salmon industry, the second-largest in the world, is trying to cut back its heavy use of antibiotics, which pollute the environment and could cause new super-bacteria to emerge. Facing heavy competition from top producer Norway -- whose salmon industry uses a fraction of the antibiotics Chile does -- Chilean salmon farmers, pharmaceutical groups and fish food suppliers launched a program this week to kick their controversial habit. Chile's coastal waters have recently been awash with a bacteria called Piscirickettsia salmonis, which causes a disease in salmon known as SRS. The illness causes bright pink sores to form on the fish's flesh. Last year it killed nearly 80 percent of the salmon that died of disease on Chile's fish farms. Vaccines and treatments have had little effect so far, giving rise to rampant antibiotics use. But that carries a stigma the industry now

wants to shed. "Chilean industry is convinced we need to take concrete measures to collaborate on drastically reducing the use of antibiotics," said a joint statement announcing the new program. The initiative is called Pincoy, the name of the masculine spirit of the seas in local lore. The problem with antibiotics is they leach into the surrounding environment. That creates the risk that bacteria in the surrounding area will develop resistance after prolonged exposure to the medication, mutating into super-bacteria capable of causing incurable diseases. Environmentalists have taken the Chilean salmon industry to task. "In Chile, we use 500 times more antibiotics than Norway," the head of conservation group Oceana-Chile, Liesbeth van der Meer, told AFP. In June, the group scored a victory when a court ordered salmon farmers to publish the amount and type of antibiotics they use. The answer was troubling: 557.2 tons of

medication were injected into Chilean salmon last year, according to the national fisheries and aquaculture service, Sernapesca.

Total salmon production was 846,163 tons, meaning the "antibiotic rate" was 0.066 percent. That was a sharp increase from 2010, when the rate was 0.031 percent.

Project Pincoy's mission is to reduce the dependence on antibiotics with vaccines, selective breeding techniques, improved diets and better screening.

"It takes a wholistic approach, looking at preventive aspects as well as genetic factors and functional foods that strengthen the health of the fish," said Sernapesca's Alicia Gallardo.

But there is no easy solution to SRS, experts warn.

"The threat of this disease will always be there," said Ronald Barlow, head of the Chilean subsidiary of Dutch fish feed maker Skretting.

Salmon farming in Chile began decades ago, when the fish were artificially introduced in the country's south.

Today the farms are key to the economy, with annual sales of \$3.5 billion. Their top export clients are the United States, Japan, Russia and Brazil.

The industry as a whole is responsible for 70,000 jobs.

It has been traumatized by past disease outbreaks that have fostered its reliance on antibiotics.

In 2007, the infectious salmon anemia (ISA) virus devastated fish farms.

Last year, harmful algae killed some 100,000 tons of salmon by asphyxiation.

Much of the rotting fish was then dumped into the sea.

Fishermen blamed that for exacerbating a toxic "red tide," or algal bloom, that killed thousands of wild salmon, sardines, whales and shellfish.

The environmental emergency forced the authorities to suspend fishing in the region, triggering angry protests by fishermen, who took heavy losses.



Kazi Masihur Rahman, managing director of Mercantile Bank, and Subhankar Saha, executive director of Bangladesh Bank (BB), exchange the signed papers of a deal in Dhaka on August 4 on the long-term financing facility under the financial sector support project of BB. SK Sur Chowdhury, deputy governor of BB, was also present.

China's July foreign currency reserves fall to \$3.20tn

REUTERS

China's foreign exchange reserves fell to \$3.20 trillion in July, central bank data showed on Sunday, in line with analyst expectations.

Economists polled by Reuters had predicted reserves would fall to \$3.20 trillion from \$3.21 trillion at the end of June.

China's reserves, the largest in the world, fell by \$4.10 billion in July. The reserves rose \$13.4 billion in June, rebounding from a 5-year low in May.

China's gold reserves rose to \$78.89 billion at the end of July, up from \$77.43 billion at end-June, data published on the People's Bank of China website showed.

Net foreign exchange sales by the People's Bank of China in June jumped to their highest in three months, as the central bank sought to shield the yuan from market volatility caused by Britain's decision to leave the European Union.

China's foreign exchange regulator recently said China would be able to keep cross-border capital flows steady given its relatively sound economic fundamentals, solid current account surplus and ample foreign exchange reserves.

China's foreign reserves fell by a record \$513 billion last year after it devalued the yuan currency in August, sparking a flood of capital outflows that alarmed global markets.

The yuan has eased another 2 percent this year and is hovering near six-year lows, but

official data suggests speculative capital flight is under control for now, thanks to tighter capital controls and currency trading regulations.

However, economists are divided over how much money is still flowing out of the country via other channels, with opaque policymaking and some inconsistency in the data raising suspicions that the fall in the yuan may be masking capital outflow pressure.

After the yuan slipped to below the psychologically important 6.7/dollar level on July 18, it has seen a mild rebound as the central bank stepped in to control the pace of its depreciation.

Still, most China watchers expect it will resume its descent soon, risking a renewed surge in outflows.

A Reuters poll on Wednesday showed analysts believe the yuan may fall more than 3 percent against the dollar by a year from now, more than expected just a month ago, as the economy struggles to maintain momentum and as the dollar edges up on views of an eventual U.S. rate rise.

China will keep the yuan basically stable and continue with market-based interest rate reform, the central bank said on Wednesday.

The country's economy expanded slightly faster than expected in the second quarter but private investment growth shrank to a record low, suggesting future weakness that could pressure the government to roll out more support measures.



Aziz Al Kaiser, vice chairman of Partex Star Group, and Aziz Al Mahmood, managing director, pose with the participants of a strategic learning programme for the group's 100 key management employees, at Hotel Le Méridien in Dhaka.

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e-Tender Notice No-01/2016-17

e-Tender is invited in the the National e-GP System Portal (<http://www.eprocure.gov.bd>) for the Procurement of following works. Details are given below:

Sl. No.	Tender ID	Name of work	Procurement Method	Last Receiving (Date & Time)
1	62107	Repair and Renovation works at Bogra Parjatan Motel, BPC, Bogra.	OTM	29-08-2016 12:00 Noon
2	62108	Construction of Semi Pucca Bar at Motel Probal Area, Cox's bazar.	OTM	29-08-2016 12:00 Noon
3	62109	Repair and Renovation works at Parjatan Motel, BPC, Sylhet.	OTM	29-08-2016 12:00 Noon

This is an online Tender, Where only e-Tender will be accepted in the National e-GP portal and no offline/hard copies will be accepted. To submit e-Tender, registration in the National e-GP System portal (<http://www.eprocure.gov.bd>) is required.

The fees for downloading the e-Tender Documents from the National e-GP System portal have to be deposited online through any registered Bank's branches up to 4:00 PM on 24/08/2016.

Further information and guidelines are available in the National e-GP System Portal and from e-GP help desk (helpdesk@eprocure.gov.bd).

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GD - 1588

India's implementation of CPI target to aid inflation fight: Moody's

REUTERS

India's decision to formally implement its central inflation target of 4 percent can help moderate future price rises and support macroeconomic stability, Moody's Investors Service said on Sunday.

The government this week notified parliament that it would introduce the target of 4 percent, plus or minus 2 percent, a key confirmation of the inflation-fighting policies championed by outgoing Reserve Bank of India (RBI) Governor Raghuram Rajan.

Moody's said an explicit target could help anchor price expectations and keep actual inflation at moderate levels. The government's implementation was "credit positive" and underlined its commitment to controlling price rises, the ratings agency said.

"Sustained moderate inflation would contribute to macroeconomic stability and help prevent a repetition of the short marked cycles of the past," Marie Diron, Senior Vice President, Sovereign Risk Group, said in a statement.

The 4 percent inflation target for Asia's third-largest economy, which has a history of volatile prices, is in line with the goal the government originally agreed with Rajan.

India's inflation rate has halved in the last three years, in part thanks to policies Rajan has overseen during his time as RBI governor.

His June decision to step down stunned financial markets that applauded his policies, but the ex-International Monetary Fund chief economist has sought to cement his legacy by completing the shift to formal inflation targeting before he leaves on Sept. 4.

"The changes to the monetary policy regime of the last two years mark a step toward greater policy transparency and predictability, both of which should help in policy transmission and hence monetary policy effectiveness," Moody's Diron said.

Some senior economists, including Rajan's predecessor at the RBI, have urged India not to fixate on an inflation target given the need to ensure growth and financial stability.

Dhaka North City Corporation
Engineering Department
Zone-5, Karwan Bazar, Dhaka-1215.

e-Tender Notice

Memo No. 46.207.017.09.17.25.2016

Date: 04.08.2016

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SL. No.	e-Tender ID No.	Name of the Works	Tender Closing Date & Time	Tender Opening Date & Time
1	62705	Improvement of road including pipe drain at West Agargaon Holding no 248/1/3 Masjid to Holding no 267/12/B and Holding no 246/1/F/2, Holding no 246/1C/19 to 246/1/F/5 and Holding no 255 in ward no 28 under zone-5, DNCC.	22-Aug-2016 12:30	22-Aug-2016 14:00
2	62706	Improvement of road including pipe drain at West Agargaon Holding no 108/B, 27/2 to Holding no 39 in ward no 28 under zone-5, DNCC.	22-Aug-2016 12:30	22-Aug-2016 14:00
3	62707	Improvement of Shyamoli road no 3 in ward no 28 under zone-5, DNCC.	22-Aug-2016 12:30	22-Aug-2016 14:00
4	62708	Improvement of road and construction of drain at Juhri Moholla Holding no 27/10 to 27/20A, Holding no 40/7C to 28/8, Holding no 32/12 to 31/1, Holding no 32/7 to 31/6, Holding no 31/12 to 31/7, Holding no 33/1 to 33/8 in ward no 29 under zone-5, DNCC.	22-Aug-2016 12:30	22-Aug-2016 14:00
5	62709	Improvement of road and construction of drain at Tajmahal road by lane Holding no 29/9 to 19/16, Holding no 29/1A to 29/16A, Holding no 29/15 to 29/30, Holding no 30/22 to 30/10/B and Holding no 22/25 to 22/1 in ward no 29 under zone-5, DNCC.	22-Aug-2016 12:30	22-Aug-2016 14:00
6	62710	Improvement of road and construction of drain at Tikka Para Holding no 18/1 to 18/10/A ring road, Holding no 14/7 to 14/8, Holding no 12/10C to 12/8, Holding no 25/10 to 25/5, Holding no 12/A/6 to 12/A/12 and Holding no 24/8 to 24/21 in ward no 29 under zone-5, DNCC.	22-Aug-2016 12:30	22-Aug-2016 14:00
7	62711	Improvement of road and construction of drain at Tikka Para Holding no 15/12D to 15/7, Holding no 16/1 to 15/1/D, Holding no 16/11 to 16/9 Ring Road, Holding no 8/4 to 8/10, Holding no 7/1 to 15/A/18, Holding no 3/18 to 3/8, Holding no 7/A/1 to 7/6, Holding no 12/A/14 to 18/1 Ring road in ward no 29 under zone-5, DNCC.	22-Aug-2016 12:30	22-Aug-2016 14:00
8	62712	Improvement of road and construction of pipe drain at Baitul aman road no 14 Holding no 658 to 966, Holding no 917 to 999, Holding no 1020 to 1027 and Holding no 1020 to 1042 in ward no 30 under zone-5, DNCC.	22-Aug-2016 12:30	22-Aug-2016 14:00
9	62713	Improvement of road including pipe drain at East Raja Bazar Holding no 5/A to 8/Ga to 9 (Sadan Para), Holding no 29/E to 28/1 to 30/1 Raza Bazar Amtola, Holding no 57/10 to 58/1, East & West Raza Bazar Link road Holding no 96 to 88 to 93/1 East Raza Bazar, Holding no 84/4 East Raza Bazar to Holding no 79 in ward no 27 under zone-5, DNCC.	22-Aug-2016 12:30	22-Aug-2016 14:00

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