

LOK SABHA
UNSTARRED QUESTION No. 2568
TO BE ANSWERED ON 17th MARCH, 2022

Bamboo/Grain Ethanol Production Plants

2568. SHRI BRIJBHUSHAN SHARAN SINGH:
SHRI SANGAM LAL GUPTA:
SHRI PRATAP CHANDRA SARANGI:
SHRI CHANDRA PRAKASH JOSHI:
SHRI MAHENDRA SINGH SOLANKY:
SHRI MANOJ TIWARI:

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Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) the details of bamboo and grain ethanol production plants in the country along with the quantum of ethanol produced therefrom;
- (b) whether the Government is planning to set up new bamboo ethanol/ethanol production plants;
- (c) if so, the details thereof along with cost appraisal and production estimates;
- (d) the details of data showing consumption of ethanol in the country during the last five years and the current year;
- (e) the details of trends in export and import of ethanol during the said period;
- (f) whether the Government has proposed any policy to encourage ethanol production and if so, the details thereof; and
- (g) the steps taken by the Government to spread awareness about bio-fuels?

ANSWER

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**MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL
GAS
(SHRI RAMESWAR TELI)**

(a) to (c): The details of grain ethanol production plants in the country is at Annexure. The quantum of ethanol produced from grain ethanol production plants from Ethanol Supply Year (ESY) 2018-19 till date in the current ESY 2021-22 is 78.21 crore litres. Numaligarh Refinery Limited (NRL) is setting up a Second Generation (2G) ethanol plant of 185 KLPD at Numaligarh, Assam for converting bamboo biomass to ethanol at an estimated cost of Rs.3,250 crore.

(d): The consumption of ethanol under Ethanol Blended Petrol (EBP) Programme in the country during the last five years and the current year is tabulated below:

Ethanol Supply Year (ESY) – period from December to November	Procurement/Blended Quantity (in crore litres)
2016-17	66.5
2017-18	150.5
2018-19	188.6
2019-20	173.0
2020-21	302.3
2021-22 (From 01.12.2021 to 06.03.2022)	102.8 (Contracted quantity for full ESY as on 06.03.2022 is 391.6 crore litres)

(e): Denatured ethanol of any strength used for fuel purpose including blending with petrol under Ethanol Blended Petrol (EBP) Programme is under restricted category for export and import. The import and export of ethanol as biofuel is not allowed as per National Policy on Biofuel-2018.

(f): Government has notified interest subvention schemes during 2018, 2019, 2020 and 2021 for augmentation and enhancement of ethanol production capacity in the country. Oil Marketing Companies (OMCs) have signed long term ethanol off-take agreements with prospective project proponents to set up dedicated ethanol plants in deficit states. Government has also allowed multiple sugarcane and grain based feedstock for ethanol production, fixed feedstock wise remunerative ethanol procurement prices, amended Industries (Development and Regulation) Act, 1951 for uninterrupted production, storage and movement of ethanol across the country and included ethanol meant for EBP Programme under lowest GST slab rate of 5% to increase production of ethanol and promote EBP Programme.

(g): With a view to spread awareness about biofuels, Government has, notified the National Policy on Biofuels – 2018 and has organized annual events like World Biofuel Day, World Environment Day, Exhibitions on biofuels, Conferences, Campaigns, Road & Talk-shows involving stakeholders, community members including farmers.

ANNEXURE REFERRED TO IN REPLY TO PART (a) TO (c) OF LOK SABHA UNSTARRED QUESTION NO. 2568 ASKED BY SHRI BRIJBHUSHAN SHARAN SINGH, SHRI SANGAM LAL GUPTA, SHRI PRATAP CHANDRA SARANGI, SHRI CHANDRA PRAKASH JOSHI, SHRI MAHENDRA SINGH SOLANKY & SHRI MANOJ TIWARI ON 17.03.2022 REGARDING BAMBOO/GRAIN ETHANOL PRODUCTION PLANTS.

Statewise list of existing grain based ethanol distilleries			
Sr. No.	Name of Distillery	State	Capacity (KLPD)
1	AB Sugar Mill, Hoshiarpur	Punjab	60
2	AB Sugars Mill	Punjab	30
3	AB Grain Spirits Ltd., Gurdaspur	Punjab	380
4	Khasa Distillery, Amritsar	Punjab	40
5	Rana Sugar Mill, Amrutsar	Punjab	80
6	Patiala Distillers Mnf. Ltd., Patiala	Punjab	120
7	Jagatjit Distilleries Pvt. Ltd. Kapurthala	Punjab	120
8	Malbros International Ltd., Ferozepur, Zira Dist	Punjab	180
9	Chadda Sugars Ltd. Gurdaspur	Punjab	150
10	Chandigarh Distillers & Bottlers Ltd., Banur Patiala	Punjab	285
11	NV Distilleries and Breweries Pvt. Ltd., Patiala	Punjab	130
12	Oasis Distillery Ltd- Omsons Marketing Pvt Ltd	Punjab	120
13	Pioneer Distillery, Pathankot	Punjab	90
14	Patran Distillery, Patran	Punjab	30
15	Nuway Organic Natural India Ltd., Patiala	Punjab	45
16	Piccadily Agro Industries Ltd., Patran	Punjab	100
17	Frost Falcon Distilleries, Sonipat	Haryana	38
18	Globus Agronics, Samalakhia	Haryana	160
19	Associated Distillery Ltd., Hissar	Haryana	40
20	Ashoka Distillers and Chemicals (P) Ltd. Palwal	Haryana	90
21	Haryana Distillery Yamuna Nagar	Haryana	60
22	N.V. Distilleries Ltd., Ambala	Haryana	75
23	Haryana Organic, Panipat	Haryana	100
24	Piccadily Agro Industries Ltd Karnal	Haryana	100
25	Oasis Distillery,- Oasis Commercial Pvt. Ltd. AMBALA	Haryana	120
26	Oasis Distillery,- Oasis Overseas Export Pvt. Ltd. AMBALA	Haryana	120
27	Panipat Co-op Distillery, Panipat	Haryana	30
28	Adie Brosom Distilleries & Breweries Ltd., NarainGarh	Haryana	100

29	ADS Spirits Pvt Ltd	Haryana	65
30	Haryana Liquors Pvt Ltd, Karnal	Haryana	165
31	South Seas Distillery & Breweries, Thane	Maharashtra	15
32	Parnod Ricard India Pvt. Ltd., Nashik	Maharashtra	30
33	Karan Distillery Pvt. Ltd., Bhandara.	Maharashtra	30
34	Harneshwar Agro Products Power & Yeast, Pune	Maharashtra	50
35	Viraj Alcohols & Allied Industries Ltd., Sangli	Maharashtra	30
36	Alcoplus Producers Pvt. Ltd., Latur	Maharashtra	60
37	Anand Distillery Pvt. Ltd., Dist: Amravati	Maharashtra	33
38	Octaga Green Power & Sugar, Kolhapur	Maharashtra	30
39	Adlers Bio Energy Ltd., Osmanabad	Maharashtra	30
40	Grainotch Industries Ltd., Aurangabad	Maharashtra	100
41	Yeshraj Ethanol Processing Pvt. Ltd., Satara	Maharashtra	45
42	Shiv Shakti Glucose Karkhana Ltd., Sangli	Maharashtra	30
43	Pranav Omprakash Khake Distilleries Pvt. Ltd., Aurangabad	Maharashtra	30
44	Dhaval Pratapsinh Mohite Patil Agro Industries Ltd., Solapur	Maharashtra	30
45	Venkateshwara Biorefineries & Biofuels Pvt. Ltd., Sangli	Maharashtra	25
46	Jogeshwari Breweries Pvt. Ltd., Osmanabad	Maharashtra	30
47	Radico NV Distilleries Ltd, Aurangabad	Maharashtra	60
48	Saswad Mali Sugar Factory Ltd., Solapur	Maharashtra	30
49	Pioneer Distilleries Ltd., Nanded	Maharashtra	60
50	Tilaknagar Industries Ltd., Ahmednagar	Maharashtra	100
51	Mallikarjun Distillery Pvt. Ltd., Aurangabad	Maharashtra	38
52	Morya Grain Distilleries Pvt Ltd., Aurangabad	Maharashtra	30
53	Privilege Industries Ltd., Satara	Maharashtra	100
54	Victoria Agro Food Processing Ltd., Latur	Maharashtra	60
55	Shri Siddhivinayak Enterprises Pvt. Ltd., Kolhapur	Maharashtra	29
56	Oasis Alcohol Ltd., Satara	Maharashtra	45
57	Meghee Distillery Ltd - Dhule	Maharashtra	60
58	Ghadlinglaj Agro Alco Chem. Ltd. Kolhapur	Maharashtra	45
59	Gwalior Distilleries Ltd., Gwalior	Madhya Pradesh	120
60	Associated Alcohol Ltd., Khargone	Madhya Pradesh	60
61	Great Galleon Ltd., Indore	Madhya Pradesh	75
62	SOM Distillery Ltd., Bhopal	Madhya Pradesh	60
63	Oasis Distillery Ltd., Dhar	Madhya Pradesh	60
64	Rairu Distilleries Ltd., Gwalior	Madhya Pradesh	65

65	Vindhyachal Distilleries Pvt. Ltd., Bhopal	Madhya Pradesh	30
66	Gulshan Polyols Ltd	Madhya Pradesh	60
67	*Karthik Agro Industries Pvt. Ltd., Bagalkot	Karnataka	60
68	*Sovereign Distilleries Ltd., Raichur	Karnataka	60
69	Adinath Distilleries Ltd.,	Karnataka	45
70	*Shamnur Sugar Ltd., Davangere	Karnataka	60
71	Pampasara Distillery Ltd., Hospet	Karnataka	20
72	Vintage Distillers Ltd., Rajasthan	Rajasthan	30
73	United Spirits Ltd., Udaipur	Rajasthan	30
74	Globus Spirits Ltd., Behror	Rajasthan	160
75	Alwar Breweries & Distilleries Ltd., Alwar	Rajasthan	25
76	Pernod Record India Pvt. Ltd., Alwar	Rajasthan	25
77	AgribiotechAjitgarh Ltd., Ajitgarh, Sikar	Rajasthan	50
78	H.S.B. Agro Industries Ltd., Ringas	Rajasthan	30
79	NarangDistillery, Banswara,	Rajasthan	9
80	IFB Agro Industries, Noorpur	West Bengal	60
81	Globus Spirits Ltd., Panagarh	West Bengal	120
82	Radico Khaitan Ltd. Rampur	Uttar Pradesh	80
83	Jagatjit Industries Ltd., Bulandshahar	Uttar Pradesh	20
84	Sentini Bioproducts (P) Ltd. Krishna	Andhra Pradesh	120
85	S.P.Y. Agro Ltd., Hyderabad, Kurnool	Andhra Pradesh	145
86	Aroma Distillery, West Godavari	Andhra Pradesh	60
87	N.S.L. Distillery, Hyderabad	Andhra Pradesh	60
88	Bio Ethanol India Ltd., West Godavari	Andhra Pradesh	60
89	Haritha Bio-Products India Pvt. Ltd., Samajiguda	Andhra Pradesh	60
90	Satya Winery and Distillery, Hyderabad	Andhra Pradesh	30
91	Radical Bio-Organics Pvt. Ltd., Rnagareddy	Andhra Pradesh	60
92	Shasta Biofuels Pvt. Ltd., Mehboobnagar	Andhra Pradesh	165
93	Milano spirits India Pvt Ltd, Kakinada	Andhra Pradesh	20
94	Nadhi Bioproducts, Karnul	Andhra Pradesh	65
95	Pearl Distilleries Pvt. Ltd., Ongole	Andhra Pradesh	60
96	Shri. Teja Bio Fuels, West Godavari	Andhra Pradesh	50
97	Sudalagunta Sugars Ltd., Tirupati	Andhra Pradesh	125
98	Empee Distilleries Ltd., Sanga Reddy	Andhra Pradesh	60
99	Chhattisgarh Distillery Ltd. (CDL), Durg	Chhattisgarh	50
100	Bhatia Wine Merchants Pvt. Ltd., Dayalband, Bilaspur	Chhattisgarh	30
101	Welcome Distillery Ltd., Bilaspur	Chhattisgarh	60
102	Rangar Breweries, Himachal Pradesh	Himachal Pradesh	5
103	Shabakas Distilleries, Himachal Pradesh	Himachal Pradesh	30
104	Premier Alcobev Pvt. Ltd.	Himachal Pradesh	45

105	Ankur Biochem, Dhanbad	Jharkhand	65
106	Brahmputra Biochem Pvt. Ltd., Gohati	Assam	60
107	Radiant Manufactureres Pvt. Ltd., Karbi, Anglong	Assam	45
108	MJ & Sons, Bhagalpur	Bihar	45
109	Globus Spirits, Hajipur	Bihar	100
110	Bihar Distilleries Ltd, Ara	Bihar	160
111	SCI India Ltd.	Bihar	60
112	Nayagarth Sugar Complex Ltd.	Orissa	30
113	Boudh Distillery Pvt. Ltd.	Orissa	60
114	ESS VEE GEE Pvt. Ltd.,	Sikkim	65
		Total (KLPD)	7942
		Total (in Cr ltrs)	270

Source: Department of Food & Public Distribution,
Ministry of Consumer Affairs, Food & Public Distribution.