

GOVERNMENT OF INDIA  
MINISTRY OF AGRICULTURE AND FARMERS WELFARE  
DEPARTMENT OF AGRICULTURAL RESEARCH & EDUCATION

**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 1765**  
TO BE ANSWERED ON 06/03/2020

**AWARENESS AMONG FARMERS ABOUT STUBBLE BURNING**

1765. SHRIMATI VANDANA CHAVAN:

Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

- (a) the details of information, education and communication (IEC) activities undertaken by Ministry for creating awareness among farmers about the issue of stubble burning in the past year and current year, State-wise;
- (b) the funds sanctioned and utilised for the same in the past year and current year;
- (c) whether Department of Agricultural Research and Education has undertaken or proposes to undertake a large-scale campaign to educate farmers about benefits of crop residue for the soil; and
- (d) whether the Department is developing or plans to develop a more economically-viable method for crop residue management besides subsidizing machines for *in-situ* crop residue management?

**ANSWER**

**THE MINISTER OF AGRICULTURE & FARMERS WELFARE**  
**(SHRI NARENDRA SINGH TOMAR)**

- (a) The details of Information, Education and Communication (IEC) activities undertaken by the Department for creating awareness among farmers about the issue of stubble burning in 2018 and 2019, state-wise is enclosed as **Annexure-I**.
- (b) The details of funds sanctioned and utilized for the activities under the in-situ crop residue management scheme in 2018 and 2019 including the funds released for IEC activities is enclosed as **Annexure-II**.

(c) The Department of Agriculture, Cooperation & Farmers Welfare has undertaken an in-situ Crop Residue Management Scheme. The Information, Education and Communication (IEC) activities are components of the Scheme. Besides, Department of Agricultural Research & Education/Indian Council of Agricultural Research also make efforts to educate farmers and provide all possible support for effective crop residue management.

(d) The Central Government has already approved National Policy on Biofuels – 2018. Indian Oil Corporation has signed a MoU with Punjab Energy Development Agency (PEDA) for setting up 400 CBG projects. Rika Biofuel Development Limited signed MoU on May 11, 2018 through Invest Punjab, which would invest Rs 700 crore in Punjab to set up Biogas/Bio CNG plants. Oil PSUs have also launched ‘Sustainable Alternative Towards Affordable Transportation’ i.e. ‘SATAT’ initiative on 1st October, 2018. Under this initiative, IOCL, HPCL, BPCL, GAIL and IGL have invited Expression of interest (EOI) to procure CBG from potential entrepreneurs for establishment of 5000 CBG plants across the country with an estimated production of 15 MMT compressed biogas (CBG) per annum by 2023. Oil PSUs have offered Rs. 46/- per kg delivered price for procurement of CBG. The CBG, so procured, will be supplied to transport sector and industries from the channels of Oil PSUs. However, the logistics for collecting and transporting large volumes of straw represent a major cost factor irrespective of the technology. Looking into this the Department of Agriculture, Cooperation and Farmers Welfare under the Scheme ‘Sub-Mission on Agricultural Mechanization (SMAM)’ is providing subsidy @ 40% of the cost for purchase of balers which are used for collection of straw in the form of bales that makes transportation and storage easier. The SMAM scheme is also implemented in the States of Punjab, Haryana and Uttar Pradesh and the Department of Agriculture & Farmers Welfare, Punjab has provided subsidy to Farmers / Farmer Groups for purchase of 188 Balers. The Government of Haryana has also supplied 90 balers. The Department will be continuing the Scheme in 2020-21 and additional requirement of balers in these States may be met from the funds allocated under SMAM for 2020-21.

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**IEC Activities by states government and ICAR during 2018-19**

S. No.	Particulars/ activities	Punjab	Haryana & Delhi	Uttar Pradesh	TOTAL
1	Awareness programmes conducted	6125	8090	7930	22145
2	Nos. of farmers trained	9753	13127	5863	28746
3	Kisan Melas organized	34 (203858 farmers)	28 (8514 farmers)	24 (8282 farmers)	86 (220654 farmers)
4	Mobilization of schools and college students through essay completion, painting, debate etc.	26871	21825	35365	84061
5	Demonstration conducted (ha)	11001	4997	4643	20641
6	Exposure visits organized	109 (4071 farmers)	21 (773 farmers)	70 (2530 farmers)	200 (7374 farmers)
7	Field days/ Harvest Days organized	99 (4910 farmers)	44 (2100 farmers)	60 (3068 farmers)	203 (10078 farmers)
8	Advertisement in Print media	556	70	61	687
9	Column / Articles in newspaper and magazines etc.	321	196	119	636
10	Hoarding fixed (at Mandi/ Road side/Market/Schools/Petrol pump/ Panchayat etc.)	1704	5362	1360	8426
11	Poster/ Banner placed at different location/ buses etc.	11702	1704	9756	23162
12	Publicity material - leaflets/ pamphlets etc. distributed	885,860	1530,751	129,469	2545,839
13	TV programmes/ panel discussions Doordarshan/ DD-Kisan and other private channels	93	16	30	139
14	Wall writing	2104	114	88	2306

**IEC Activities by states government and ICAR during 2019-20**

S. No.	Particulars/ Activities	Punjab	Haryana & Delhi	Uttar Pradesh	TOTAL
1	Awareness programmes conducted	285	240	160	685
2	Nos. of farmers trained	10,912	1590	3291	15793
3	Kisan Melas organized	23 (384,262 farmers)	15 (21,475 farmers)	8 (2,925 farmers)	46 (408,662 farmers)
4	Mobilization of schools and college students through essay competition, painting, debate etc.	130,916	9644	11016	151,576
5	Demonstration conducted (ha)	8235	1545	1782	11562
6	Exposure visits organized	112 (2744 farmers)	52 (2494 farmers)	44 (1775 farmers)	208 (7013 farmers)
7	Field days organized	56 (2936 farmers)	8 (170 farmers)	36 (1063 farmers)	100 (4169 farmers)
8	Advertisement in Print media	595	40	80	715
9	Column / Articles in newspaper and magazines etc.	1486	105	190	1781
10	Hoarding fixed (at Mandi/ Road side/ Market/Schools/Petrol pump/ Panchayat etc.)	1388	398	1185	2971
11	Poster/Banner placed	40150	700	6635	47,485
12	Publicity material - leaflets/ pamphlets etc. distributed	627,099	132856	720,275	1480,230
13	TV programmes/ panel discussions Doordarshan/ DD-Kisan and other private channels	93	27	23	143
14	Wall writing	2013	525	882	3420

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**2018-19 (Available Budget- 591.80 Crores)**

State/ Agency	Funds Released (Crores)					
	Machinery Distribution	CHC establishment	IEC Activities	Flexi funds/ Admin. Expenses	Total released	Expenditure
Punjab	71.30	176.00	16.80	5.28	269.38	267.84
Haryana	41.50	72.00	21.64	2.70	137.84	132.86
UP	95.27	37.58	12.84	2.91	148.6	138.67
ICAR	0	0	26.58	1.93	28.51	25.50
<b>Total</b>	<b>208.07</b>	<b>285.58</b>	<b>77.86</b>	<b>12.82</b>	<b>584.33</b>	<b>564.87</b>

Note: Funds to the Government of NCT of Delhi has not been released due to non-identification of the implementing Department and communication of Account Details

**2019-20 (Available Budget – Rs. 600 Crores)**

State/ Agency	Funds Released (Crores)					
	Machinery Distribution	CHC establishment	IEC Activities	Flexi funds/Admin. Expenses	Total released	Expenditure
Punjab	149.34	107.20	15.06	2.2	273.80	235.48
Haryana	73.00	90.66	12.20	18.2	192.06	NR*
UP	61.67	32.62	8.62	2.37	105.28	77.86
Delhi	1.80	2.20	0.52	0	4.52	NR*
ICAR	--	--	15.08	3.4	18.48	NR*
<b>Total</b>	<b>285.81</b>	<b>232.68</b>	<b>51.48</b>	<b>26.17</b>	<b>594.14</b>	

\* Expenditure for 2019-20 has so far not been informed by the States and implementing agencies.

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