

GOVERNMENT OF INDIA  
MINISTRY OF AGRICULTURE AND FARMERS WELFARE  
DEPARTMENT OF AGRICULTURE AND FARMERS WELFARE  
**RAJYA SABHA**

**UNSTARRED QUESTION NO- 1159**

ANSWERED ON 16/12/2022

**EMPOWERMENT OF WOMEN FARMERS THROUGH ICT TOOLS**

1159. SMT SANGEETA YADAV :

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

- (a) steps taken by Government for empowerment of farmers, particularly women farmers, through tools of Information, Communication and Technology (ICT) during last three years and current year;
- (b) steps taken by National Research Centre for Women in Agriculture (NRCWA), Indian Council for Agricultural Research (ICAR) for using sms/IVR and mobile for providing agricultural and weather bulletin to farmers in last five years;
- (c) number of beneficiaries through ICT tools, especially women farmers during last three years, year-wise, State-wise; and
- (d) whether any study about participation of women folk in agricultural research has been made in last five years, if so, major findings thereof?

**ANSWER**

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE

(SHRI NARENDRA SINGH TOMAR)

(a) & (b) : The Government has taken several initiatives for providing information to the farmers including women farmers by utilizing modern information technology, which includes :

(i) Development of Kisan Suvidha mobile application to facilitate dissemination of information to farmers on the critical parameters viz., Weather; Market Prices; Plant Protection; Input Dealers (Seed, Pesticide, Fertilizer); Farm Machinery; Soil Health Card; Cold Storages & Godowns, Veterinary Centres and Diagnostic Labs.

(ii) Unified Mobile Application for New-age Governance (UMANG), developed by Ministry of Electronics and Information Technology (MeitY) and National e-Governance Division (NeGD) provide agriculture related services including assistance to farmers under high yielding programme, assistance to farmers for promotion of horticulture crops and high value agriculture, development of minor irrigation, soil conservation work and strengthening of soil testing laboratories, etc.

(iii) Under Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) Scheme, fund is directly transferred into the bank accounts of the eligible farmers under Direct Benefit Transfer mode. Farmers can do their self-registration through the Farmers Corner in the

portal. PM-KISAN Mobile App was launched to broaden the reach of the scheme where farmers can view the status of their application, update or carry out corrections of name based on their Aadhaar card and also check history of credits to their bank accounts.

(iv) Launching of e-National Agriculture Market initiative to provide farmers an electronic online trading platform.

(v) Government is providing advisories services on various crop related matter to the registered farmers through SMSs using m-Kisan Portal.

(vi) Agriculture related information is provided to the farmers through Kisan Call Centre.

(vii) The Indian Council of Agriculture Research (ICAR) has compiled various mobile apps developed by ICAR, State Agricultural Universities and Krishi Vigyan Kendras and uploaded on its website. These mobile apps developed in the areas of crops, horticulture, veterinary, dairy, poultry, fisheries, natural resources management and integrated subjects, offer valuable information to the farmers, including package of practices, market prices of various commodities, weather related information, advisory services, etc. ICAR has also created an electronic platform 'Kisan Sarathi' for supporting agriculture at local niche with national perspective to provide a seamless, multimedia, multi-ways connectivity to the farmers with the latest agricultural technologies, knowledge base with pool of large number of Subject Matter Specialists.

(viii) Central Institute for Women in Agriculture (CIWA), Bhubaneswar under Indian Council of Agricultural Research (ICAR), New Delhi has developed Gender Knowledge System in Agriculture (GKS) Portal (<https://www.icar-ciwa.org.in/gks/>) based on gender disaggregated data, technologies and methodologies . ICAR-CIWA is also utilizing the social media platforms and Gender Knowledge system portal for spreading its reach towards its stakeholders.

( c): The number of women farmers benefitted under PM -KISAN year wise, State-wise under the Direct Benefit Transfer (DBT) mode during the last three years is given in Annexure .

(d): No specific study about participation of women folk in agricultural research has been made in last five years.

**Number of e women farmers benefitted under the Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) Scheme through Direct Benefit Transfer mode year wise, State-wise during the last three years**

State/UT Name	No. of Unique Female Beneficiaries for FY 2019-20			No. of Unique Female Beneficiaries for FY 2020-21			No. of Unique Female Beneficiaries for FY 2021-22		
	1 <sup>st</sup> April to 31 <sup>st</sup> July	1 <sup>st</sup> August to 30 <sup>th</sup> November	1 <sup>st</sup> December to 31 <sup>st</sup> March	1 <sup>st</sup> April to 31 <sup>st</sup> July	1 <sup>st</sup> August to 30 <sup>th</sup> November	1 <sup>st</sup> December to 31 <sup>st</sup> March	1 <sup>st</sup> April to 31 <sup>st</sup> July	1 <sup>st</sup> August to 30 <sup>th</sup> November	1 <sup>st</sup> December to 31 <sup>st</sup> March
Andaman and Nicobar Islands	1,636	5,964	6,069	5,976	6,133	6,121	6,232	6,084	5,966
Andhra Pradesh	273,747	1,437,841	1,674,694	1,673,386	1,658,719	1,615,042	1,651,871	1,538,684	1,558,142
Arunachal Pradesh	3,542	21,624	32,606	46,383	46,719	47,727	47,671	48,158	48,339
Assam	493,267	994,425	607,451	558,035	335,117	342,110	371,047	303,900	239,826
Bihar	650,655	1,268,205	1,775,616	2,072,712	2,275,181	2,333,509	2,423,912	2,492,267	2,557,183
Chandigarh	31	51	46	47	47	45	45	45	46
Chhattisgarh	155,549	270,686	326,136	506,560	571,562	693,177	686,603	781,245	811,723
Delhi	-	1,952	2,119	2,240	2,368	2,368	2,449	2,713	2,773
Goa	254	965	1,045	1,145	1,242	1,279	1,327	1,345	1,349
Gujarat	325,877	1,005,156	1,120,563	1,295,734	1,523,577	1,426,473	1,478,843	1,534,537	1,630,464
Haryana	52,793	221,984	248,523	275,088	307,291	318,001	294,573	322,179	329,088
Himachal Pradesh	48,707	139,214	145,194	149,838	153,772	154,915	156,187	168,431	170,549
Jammu and Kashmir	29,070	83,474	100,161	107,859	119,791	123,424	106,155	99,602	118,752
Jharkhand	33,544	250,042	135,839	312,827	617,200	645,040	344,659	364,184	356,953
Karnataka	390,368	1,067,188	1,135,094	1,181,517	1,228,688	1,271,803	1,292,345	1,229,062	881,070
Kerala	431,738	1,185,426	1,202,003	1,334,647	1,491,722	1,547,431	1,494,163	1,558,446	1,587,737
Ladakh	393	2,241	2,306	2,301	2,286	2,640	2,748	2,667	2,645
Lakshadweep	-	-	767	316	336	400	427	407	214
Madhya Pradesh	460,635	964,918	1,196,380	1,529,486	1,621,370	1,680,271	1,691,698	1,704,848	1,736,282
Maharashtra	500,217	1,191,926	1,568,380	1,855,955	2,143,925	2,148,162	1,789,065	2,091,876	2,142,729
Manipur	10,160	42,719	145,191	283,166	266,709	195,637	160,140	147,676	155,187
Meghalaya	13,246	34,967	60,284	103,028	112,934	115,857	116,363	122,441	120,444
Mizoram	6,302	16,990	18,808	52,161	56,237	66,573	41,367	39,441	40,098
Nagaland	30,183	82,980	98,323	101,070	104,062	104,582	92,609	104,582	105,932
Odisha	593,494	744,346	575,052	537,786	605,151	623,177	732,496	787,263	807,336
Puducherry	576	3,393	3,608	3,953	4,143	4,157	4,086	4,082	4,094
Punjab	-	14	26	217	707	786	1,004	1,099	1,160
Rajasthan	1,336,816	1,682,340	1,698,664	1,967,613	2,196,066	2,353,993	2,487,384	2,492,093	2,563,517
Sikkim	518	657	353	954	988	1,296	1,659	1,748	1,812
Tamil nadu	235,824	857,417	925,435	1,311,320	1,479,820	1,348,639	1,039,552	1,020,121	1,018,883
Telangana	356,807	968,642	913,456	982,359	1,024,913	1,028,570	1,033,915	1,046,821	1,046,806
Dadra and Nagar Haveli and Daman and Diu	972	2,898	2,931	3,045	1,947	1,996	2,069	1,689	2,591
Tripura	7,124	36,280	35,655	40,359	44,451	47,338	42,492	43,323	44,386
Uttar Pradesh	742,496	2,934,435	3,222,810	3,951,084	4,143,166	4,374,885	4,664,876	4,720,315	4,759,552
Uttarakhand	22,992	105,377	115,673	130,908	144,424	149,323	148,322	156,377	159,125
West Bengal	-	-	-	-	-	-	385,101	672,343	861,678
<b>Grand total</b>	<b>7,209,533</b>	<b>17,626,737</b>	<b>19,097,261</b>	<b>22,381,075</b>	<b>24,292,764</b>	<b>24,776,747</b>	<b>24,795,455</b>	<b>25,612,094</b>	<b>25,874,431</b>