

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

LOK SABHA
UNSTARRED QUESTION NO. 4833
TO BE ANSWERED ON 23/07/2019

KVKs IN JHARKHAND

4833. SHRI JAYANT SINHA:

Will the Minister of AGRICULTURE AND FARMERS WELFARE
कृषि और किसान कल्याण मंत्री be pleased to state:

- (a) the total number of Krishi Vigyan Kendras (KVKs) in Jharkhand;
- (b) the details of the services offered by KVK, district-wise;
- (c) the details of the total funds made available to each KVK and percentage of total funds provided to the farmers; and
- (d) the details of the notable successes achieved in the KVKs in Ramgarh and Hazaribagh districts of Jharkhand?

A N S W E R

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE
कृषि और किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) & (b): There are 24 Krishi Vigyan Kendras (KVKs) in the State of Jharkhand. The district-wise details of services offered by KVKs of Jharkhand are given at **Annexure-I**.

(c) The details of funds made available to each KVK of Jharkhand and percentage of expenditure incurred on the KVK activities for the benefit of farmers are given at **Annexure-II**.

(d) The recent notable successes achieved by KVK Ramgarh and KVK Hazaribagh are given as under:

KVK- Ramgarh:

- Successfully tested the performance of technology options by laying out on-farm trials in farmers field on various crops under different thematic areas viz crop varieties; eco-friendly/ organic plant protection for insect- pest in brinjal; bio-intensive method for pest control in tomato; cultivation of sweet potato with good agricultural practices; cropping pattern of maize-cowpea for higher yield and profit during kharif season in upland areas.
- Demonstrated high yielding varieties of pulses crops like pigeon pea, chickpea, lentil and horse gram with increase in yield upto 20% over farmers practices and in oilseed crop the

increase in yield has been recorded up to 33% over farmers practice whereas in vegetable crops demonstrations the increase in yield up to 27% over farmers practices.

- Decreased the disease infection from 17% to 5 % in goatry after organizing health and vaccination camps.
- Increased the summer vegetable cultivation in rice fallow areas from 50 ha to 250 ha and rural youth are earning Rs 56000.00 /ha by watermelon, cucumber cultivation.
- Increased the judicious use of fertilizers for essentials plant nutrients.
- Increased the adoption of drought tolerance paddy varieties; wilt resistance tomato and brinjal variety and use of pro-tray and plastic mulching for off- season vegetable cultivation.
- Increased the drip irrigation area from 10 ha to 300 ha with plastic mulching for cucurbits, tomato and capsicum cultivation.
- Provided the quality planting material and cereal seed, vegetable seed through seed sale counter in KVK.

KVK-Hazaribagh:

- Successfully tested the performance of technology interventions by laying out on-farm trials in farmers field on reducing the cost of production of paddy crop IR 64 (DRT-1) through Resource Conservation Technology (RCT); weed management practice on chickpea; assessed different intercrops like beetroot and French bean with cauliflower for high profitability; application of insecticide against management of mango shoot gall psylla; integrated management of yellow mosaic disease in moong bean; application of potassium and boron on growth and yield of carrot; efficacy of Deltamethrin, Amitraz and Ivermectin in treatment of ecto-parasitic infestation in crossbreed cattle; improved dual purpose backyard poultry birds among rural women; balance supplement for increasing of hemoglobin formation and body weight in women; value addition of tomato when available in plenty to increase the income of farm women.
- Demonstrated production potential of new varieties of crops. In pulses like pigeon pea increase in yield was up to 41% and in chickpea up to 37%; In oilseed demonstrations on groundnut the increase in yield was up to 45%; in paddy crop, the increase in yield was recorded up to 33%; demonstrations conducted on vegetable crops like potato, broccoli, onion; garden pea and tomato shown an increase in yield up to 64%.
- Produced 915 Quintals improved seed of paddy, wheat, maize, pulses, oilseeds and horticultural crops.
- Provided Kadaknath birds to 39 farmers @ 50 birds per farmer which increased their average income up to Rs. 40000.00/ farmer.
- Provided mushroom spawn to 429 farmers for mushroom production helping income generation of Rs. 5000 - 6000/month/farmer.
- Provided training to as many as 242 women farmers who started scientific crop production, nutritional garden, mushroom production, piggeries, poultry and horticulture crops production.
- Provided training to farmers and farm women on value addition of mushroom pickle, mango pickle, aonla pickle, mix vegetable pickle etc.

**District-wise details of Services offered by KVKs in Jharkhand during 2018-19
and Current Year**

S.No.	District	Activities	Achievement	
			2018-19	2019-20 (Till date)
1	BOKARO	On- farm trials conducted (Number)	10	0
		Frontline demonstrations conducted (Number)	450	110
		Farmers trained(Number)	2226	560
		Extension Personnel trained (Number)	208	40
		Participants in extension activities (Number)	15241	3400
		Production of seed (in Quintal)	3.6	0.9
		Planting material produced (Number)	2230	478
		Soil, water, plant, manures samples tested (Number)	1387	470
		Mobile agro- advisory provided to farmers (Number)	8	3
2	CHATRA	On- farm trials conducted (Number)	8	2
		Frontline demonstrations conducted (Number)	16	5
		Farmers trained(Number)	477	120
		Extension Personnel trained (Number)	211	56
		Participants in extension activities (Number)	23210	5803
		Production of seed (in Quintal)	12	2
		Planting material produced (Number)	76	20
		Soil, water, plant, manures samples tested (Number)	230	58
		Mobile agro- advisory provided to farmers (Number)	340	84
3	Deoghar	On- farm trials conducted (Number)	6	2
		Frontline demonstrations conducted (Number)	5	2
		Farmers trained(Number)	2634	540
		Extension Personnel trained (Number)	2754	618
		Participants in extension activities (Number)	15077	3770
		Production of seed (in Quintal)	17.5	4.2
		Planting material produced (Number)	15000	3200
		Soil, water, plant, manures samples tested (Number)	12500	3002
		Mobile agro- advisory provided to farmers (Number)	293684	72500
4	Dhanbad	On- farm trials conducted (Number)	5	0
		Frontline demonstrations conducted (Number)	477	121
		Farmers trained(Number)	2331	514
		Extension Personnel trained (Number)	470	161
		Participants in extension activities (Number)	4594	1356
		Production of seed (in Quintal)	7.2	1.8
		Planting material produced (Number)	500	122
		Soil, water, plant, manures samples tested (Number)	160	30
		Mobile agro- advisory provided to farmers (Number)	584	146

S.No.	District	Activities	Achievement	
			2018-19	2019-20 (Till date)
5	Dumka	On- farm trials conducted (Number)	8	2
		Frontline demonstrations conducted (Number)	340	85
		Farmers trained(Number)	3447	867
		Extension Personnel trained (Number)	286	72
		Participants in extension activities (Number)	6120	1530
		Production of seed (in Quintal)	10.6	3
		Planting material produced (Number)	1050	263
		Soil, water, plant, manures samples tested (Number)	256	64
		Mobile agro- advisory provided to farmers (Number)	6145	1520
6	East Singhbhum	On- farm trials conducted (Number)	12	3
		Frontline demonstrations conducted (Number)	787	197
		Farmers trained(Number)	6781	1732
		Extension Personnel trained (Number)	335	81
		Participants in extension activities (Number)	26949	6740
		Production of seed (in Quintal)	11.52	3
		Planting material produced (Number)	60497	15120
		Live-stock strains and finger lings produced (Number)	380	87
		Soil, water, plant, manures samples tested (Number)	2694	580
Mobile agro- advisory provided to farmers (Number)	460	100		
7	Garhwah	On- farm trials conducted (Number)	0	2
		Frontline demonstrations conducted (Number)	10	3
		Farmers trained(Number)	20	5
		Extension Personnel trained (Number)	10518	2430
		Participants in extension activities (Number)	534	123
		Production of seed (in Quintal)	12085	3001
		Planting material produced (Number)	91596	21453
		Live-stock strains and finger lings produced (Number)	26005	6500
		Soil, water, plant, manures samples tested (Number)	1200	630
Mobile agro- advisory provided to farmers (Number)	1745	421		
8	Giridih	On- farm trials conducted (Number)	10	2
		Frontline demonstrations conducted (Number)	8	2
		Farmers trained(Number)	537	135
		Extension Personnel trained (Number)	1456	364
		Participants in extension activities (Number)	142	36
		Production of seed (in Quintal)	53339	12336
		Planting material produced (Number)	11	3
		Live-stock strains and finger lings produced (Number)	165043	4120
		Soil, water, plant, manures samples tested (Number)	480	110
Mobile agro- advisory provided to farmers (Number)	1174	294		

S.No.	District	Activities	Achievement	
			2018-19	2019-20 (Till date)
9	Godda	Frontline demonstrations conducted (Number)	6	2
		Farmers trained(Number)	575	142
		Extension Personnel trained (Number)	1404	301
		Participants in extension activities (Number)	1303	326
		Production of seed (in Quintal)	0.005234	Sowing is going on
		Planting material produced (Number)	51000	11316
		Live-stock strains and finger lings produced (Number)	600	150
		Soil, water, plant, manures samples tested (Number)	165	42
		Mobile agro- advisory provided to farmers (Number)	27	7
10	Gumla	On- farm trials conducted (Number)	56	14
		Frontline demonstrations conducted (Number)	75	20
		Farmers trained(Number)	1599	319
		Extension Personnel trained (Number)	2128	532
		Participants in extension activities (Number)	4257	1064
		Production of seed (in Quintal)	0.08725	0.02
		Planting material produced (Number)	1595	400
		Live-stock strains and finger lings produced (Number)	22	4
		Soil, water, plant, manures samples tested (Number)	161	41
Mobile agro- advisory provided to farmers (Number)	200	34		
11	Hazaribag	On- farm trials conducted (Number)	10	2
		Frontline demonstrations conducted (Number)	20	5
		Farmers trained(Number)	10518	2187
		Extension Personnel trained (Number)	534	131
		Participants in extension activities (Number)	12085	3012
		Production of seed (in Quintal)	91.596	0
		Planting material produced (Number)	26005	5801
		Soil, water, plant, manures samples tested (Number)	1745	421
Mobile agro- advisory provided to farmers (Number)	915	230		
12	Jamtara	On- farm trials conducted (Number)	8	3
		Frontline demonstrations conducted (Number)	537	100
		Farmers trained(Number)	1456	280
		Extension Personnel trained (Number)	142	37
		Participants in extension activities (Number)	53339	13337
		Production of seed (in Quintal)	11	3
		Planting material produced (Number)	1.65	0.4
		Soil, water, plant, manures samples tested (Number)	1174	298
Mobile agro- advisory provided to farmers (Number)	48000	12000		

S.No.	District	Activities	Achievement	
			2018-19	2019-20 (Till date)
13	Koderma	On- farm trials conducted (Number)	6	3
		Frontline demonstrations conducted (Number)	14	4
		Farmers trained(Number)	1404	250
		Extension Personnel trained (Number)	100	25
		Participants in extension activities (Number)	5234	813
		Production of seed (in Quintal)	5.1	Sowing is going on
		Planting material produced (Number)	600	127
		Soil, water, plant, manures samples tested (Number)	27	7
		Mobile agro- advisory provided to farmers (Number)	56	14
14	Latehar	On- farm trials conducted (Number)	4	2
		Frontline demonstrations conducted (Number)	20	8
		Farmers trained(Number)	2128	512
		Extension Personnel trained (Number)	151	40
		Participants in extension activities (Number)	8725	2210
		Production of seed (in Quintal)	15	Sowing is going on
		Soil, water, plant, manures samples tested (Number)	200	0
		Mobile agro- advisory provided to farmers (Number)	225	57
		15	Lohardaga	On- farm trials conducted (Number)
Frontline demonstrations conducted (Number)	880			220
Farmers trained(Number)	6112			1126
Extension Personnel trained (Number)	1016			2310
Participants in extension activities (Number)	37230			9304
Production of seed (in Quintal)	96.5			25
Planting material produced (Number)	170000			38000
Live-stock strains and finger lings produced (Number)	20800			4812
Soil, water, plant, manures samples tested (Number)	1264			302
Mobile agro- advisory provided to farmers (Number)	1141			286
16	Pakur			On- farm trials conducted (Number)
		Frontline demonstrations conducted (Number)	10	2
		Farmers trained(Number)	3746	940
		Extension Personnel trained (Number)	50	13
		Participants in extension activities (Number)	12265	3064
		Production of seed (in Quintal)	17.65	4.14
		Planting material produced (Number)	10145	2500
		Live-stock strains and finger lings produced (Number)	40	9
		Soil, water, plant, manures samples tested (Number)	1892	470
		Mobile agro- advisory provided to farmers (Number)	179159	44800

S.No.	District	Activities	Achievement	
			2018-19	2019-20 (Till date)
17	Palamau	On- farm trials conducted (Number)	8	2
		Frontline demonstrations conducted (Number)	3	1
		Farmers trained(Number)	2375	560
		Extension Personnel trained (Number)	0	5
		Participants in extension activities (Number)	2330	589
		Production of seed (in Quintal)	51	13
		Planting material produced (Number)	600	146
		Soil, water, plant, manures samples tested (Number)	513	124
		Mobile agro- advisory provided to farmers (Number)	1000	243
18	Ramgarh	On- farm trials conducted (Number)	5	2
		Frontline demonstrations conducted (Number)	5	1
		Farmers trained(Number)	4251	1054
		Extension Personnel trained (Number)	565	140
		Participants in extension activities (Number)	14776	3700
		Production of seed (in Quintal)	4.5	1.1
		Planting material produced (Number)	1000	254
		Soil, water, plant, manures samples tested (Number)	250	60
		Mobile agro- advisory provided to farmers (Number)	982	245
19	Ranchi	On- farm trials conducted (Number)	7	3
		Frontline demonstrations conducted (Number)	880	215
		Farmers trained(Number)	6112	1530
		Extension Personnel trained (Number)	1016	249
		Participants in extension activities (Number)	37230	9306
		Production of seed (in Quintal)	96.5	23.12
		Planting material produced (Number)	170000	42493
		Live-stock strains and finger lings produced (Number)	20800	5187
		Soil, water, plant, manures samples tested (Number)	1264	314
		Mobile agro- advisory provided to farmers (Number)	1141	281
20	Sahibganj	On- farm trials conducted (Number)	8	2
		Frontline demonstrations conducted (Number)	205	46
		Farmers trained(Number)	1692	421
		Extension Personnel trained (Number)	183	46
		Participants in extension activities (Number)	8945	2219
		Production of seed (in Quintal)	14.3	3.27
		Planting material produced (Number)	15000	3700
		Soil, water, plant, manures samples tested (Number)	950	221
Mobile agro- advisory provided to farmers (Number)	900	241		

S.No.	District	Activities	Achievement	
			2018-19	2019-20 (Till date)
21	Saraikela	On- farm trials conducted (Number)	10	4
		Frontline demonstrations conducted (Number)	18	8
		Farmers trained(Number)	2867	700
		Extension Personnel trained (Number)	213	50
		Participants in extension activities (Number)	5678	1319
		Production of seed (in Quintal)	9.02	0
		Soil, water, plant, manures samples tested (Number)	753	172
		Mobile agro- advisory provided to farmers (Number)	6781	1677
22	Simdega	On- farm trials conducted (Number)	4	1
		Frontline demonstrations conducted (Number)	190	41
		Farmers trained(Number)	2307	586
		Extension Personnel trained (Number)	354	81
		Participants in extension activities (Number)	6500	1525
		Production of seed (in Quintal)	0.37	0
		Planting material produced (Number)	1500	369
		Soil, water, plant, manures samples tested (Number)	450	110
		Mobile agro- advisory provided to farmers (Number)	1000	243
23	West Singhbhum	On- farm trials conducted (Number)	3	1
		Frontline demonstrations conducted (Number)	14	3
		Farmers trained(Number)	78	18
		Extension Personnel trained (Number)	34	8
		Participants in extension activities (Number)	1768	0
		Production of seed (in Quintal)	7.6	1.3
		Planting material produced (Number)	1	1
		Soil, water, plant, manures samples tested (Number)	940	232
		Mobile agro- advisory provided to farmers (Number)	9970	2490

Details of the total funds made available to each KVK and percentage of total funds provided for activities for the benefit of farmers during 2018-19

Sr. No	Name of KVKs	Total Funds made available to each KVKs (Rs. In lakh)	Percentage of funds provided for activities for the benefits of farmers
1	BOKARO	78.00	12.82
2	CHATRA	85.33	11.72
3	DHANBAD	81.67	12.24
4	DUMKA	89.76	8.91
5	EAST SINGHBHUM	94.00	11.28
6	GARWAH	103.34	9.68
7	GIRIDIH	52.00	19.23
8	JAMTARA	64.50	15.50
9	LATEHAR	69.05	14.77
10	LOHARDAGA	121.50	10.78
11	PAKUR	80.05	12.74
12	PALAMU	77.50	12.90
13	SAHEBGUNJ	99.00	10.71
14	SARAIKELA	86.77	11.76
15	SIMDEGA	77.30	13.71
16	WEST SINGHBHUM	129.20	10.14
17	RAMGARH	87.00	14.37
18	KHUNTI	40.39	11.64
19	KODARMA	89.91	14.36
20	DEOGHAR	111.93	11.08
21	HAZARIBAGH	157.00	7.96
22	GODDA	136.78	7.75
23	GUMLA	147.02	8.91
24	RANCHI	159.08	8.23
Total		2318.08	
