

ARYA (2016-17)

In a bid to attract and empower the rural youth to take up various Agriculture, allied and service sector enterprises for sustainable income and gainful employment and to enable them to establish network groups to take up resource and capital intensive activities like processing, value addition and marketing as well as to demonstrate functional linkage with different institutions and stakeholders, Indian Council of Agricultural Research has initiated a programme “Attracting and Retaining Youth in Agriculture” (ARYA) through 25 identified KVKs of this country. Accordingly, KVK East Champaran from Bihar, KVK Gumla from Jharkhand and KVK Nimpith from West Bengal carried out this programme under Zone-II. In implementing the programme, ICAR provided the fund support to ICAR-ATARI, Kolkata to the extent of Rs. 98 lakh. Altogether 492 rural youths were provided skill development training in entrepreneurial activities of which 198 youths established micro-enterprise units. The details of enterprises identified for this programme during 2016-17 by the KVKs were as follows-

Table: KVK-wise details of ARYA project during 2018-19

State	Name of the KVK	Total Expenditure (Rs. In Lakh)	Enterprises promoted	No. of units	Coverage of farm youth group/no. of farmers benefitted	No. of youths involved	Skill imparted	Overall Success/ Impact
West Bengal	Nimpith	23.99	Betel vine plantation	50	25	5	Betel vine cultivation in hi-tech shade net (“boroz”)	i) Monthly income of Rs. 5400/- per youth ii)Rs. 1.6 lakh per 0.05 ha (2 folds)

			Carp hatchery	1	50	4	Induced breeding technique with fish hormones	i)Production of 8 million spawn with an income of Rs.20000.00 and subsequent income of Rs . 9 2 0 0 0 . 0 0 from fry and fingerling sale. ii) Net income: 1.12 lakh/yr
			Asian catfish hatchery	1	28	4	Induced breeding of catfish with fish hormones and larval rearing technique	i)Production of 1 lakh fry with an income of Rs.145000.00 from three cycles ii) Net income: 1.45 lakh/yr

			Vanaraja poultry farming	60	46	30	Poultry farming, vaccination schedule and disease management	Net profit: 0.49 lakh/farmer /yr
			Broiler duck (Pekin) farming	74	21	14	Farming and feeding management	Net profit: 0.68 lakh/cycle Yearly income of Rs. 1.90 lakh to 2.20 lakh per unit
			Meat processing centre		67	1	Technique of grading and processing	
Bihar	East Champaran	31.99	Mushroom growers	25	25	25	Production technique of Oyster and Button mushroom, Spawn production technique,	Monthly income of Rs 7000.00

							Value Addition	
			Stunted fingerling production	25	10	10	Production Technique of Fish Spawn, Induced Breeding technique through fish Hormones	
			Bee Grower	25	25	25	Honey Production, Processing & Value addition	Monthly income Rs. 15,000-20,000/-
Jharkhand	Gumla	16.58	Pig Farming	20	65	20	Farming, Feeding and disease management	Average 05 no. of pigs and income Rs. 15,000-30,000/ farmer /year.
			Goat Farming	20	69	20	Farming, Feeding and disease management	Average 10 no. of Goats and income Rs. 15,000-30,000/

								farmer /year.
			Lac Cultivation	20	41	20	Lac cultivation and processing	Average 10 no. of host plants and income of Rs. 10000-15000/- farmer /year.
			Bee Keeping	20	20	20	Honey production, processing and value addition	Average 05 no. of Bee box and income of Rs. 10,000-15,000/ farmer / year.



Mushroom cultivation



Poultry



Fishery



Climate smart hi-tech boroz

Hi-tech Betel vine boroz