Improving Livelihoods of Small Farmers and Rural Women through Value-Added Processing and Export of Cashmere, Wool and Mohair

IFAD Grant 1107 – ICARDA

Workplan

1 January - 31 December 2012

ICARDA, NARS of Kyrgyzstan, Tajikistan and Iran and CACSA-RC-kg

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1 Summary of major activities planned for 2012

In general, the project will continue the current activities at the target sites. Product design, business development and marketing will be intensified in Northern Tajikistan and Kyrgyzstan while in Badakhshan and Iran developing and training of the women groups will be the main emphasis. The breeding programs will be consolidated and marketing channels for high quality raw fibers further explored.

In Naryn province in Kyrgyzstan the main focus in 2012 will be on fully developing the skills of the artisan groups for designing higher quality felt products (component 2). The groups will be also supported in arranging the required maintenance of the felting equipment (felting and carding machines). Test marketing in the US will be expanded (component 3). The project will explore if the product prices in the US can cover transport costs (felt product are heavier than cashmere and Mohair product) and still generate higher benefits than achieved at local and regional markets. The profitability of the different felting activities will be analyzed considering different marketing channels (component 4). The contact Merino sheep farmers will be supported with technical advice on selecting breeding females and males and in sorting wool according to quality. They will be also assisted in procuring high quality rams. The women groups will be directly linked to the Merino sheep farmers with the best wool quality. The flock improvement program for Tian Shian sheep that has been initiated with interested households in 2011 will be continued (component 1). These households including some of the women felters can then supply semi-fine wool as raw material to the artisan groups.

In Northern Tajikistan a major activity will be the implementation of the breeding program with Texas Angora bucks, in particular evaluating the offspring from the Artificial insemination (AI) campaign in October 2011. The use of frozen semen will allow repeating the AI program for several years. Another major effort will be on fully organizing the production and market chain for mohair products and expanding the volume to be sent to US and Europe. The new product lines for using coarser Mohair fibers, e.g. weaving carpets, will be further developed through specialized training.

In Badakhshan in Tajikistan, the efforts to improve the homogeneity and productivity of the village flocks will be intensified by evaluation and selection of best females and males in the villages. The management of the village breeding flocks to optimize the use of the Altay bucks imported from Russia will be continued (component 1). The offspring from the Altay bucks will be identified and their performance recorded. The cashmere/cashgora purchase campaign in spring will be organized through collection points for best quality raw material in the project villages. Dehairing of the collected cashgora in Afghanistan needs to be organized to provide the processors with the required raw material. Further training of the newly formed village women processor groups on high quality yarn and knitwear production for the international market (component 2) so that test marketing can be started as quickly as possible (component 3).

In Kerman province in Iran the emphasis of the project activities in 2012 will be on optimizing (and simplifying) the selection process for breeding bucks (component 1), so that the Baft Livestock Department and the cashmere producers can implement the breeding program easily. To make the program cost-efficient and sustainable, laboratory analysis of fiber quality will be minimized. Based on the results of the rapid appraisal of cashmere marketing and processing in Iran conducted in 2011, direct market channels for larger quantities of quality cashmere will be explored to make fine fiber production and combing the cashmere goats economically attractive. A major effort will be made in 2012 to explore the economic feasibility of yarn making by nomad women. Spinning wheels tested in Tajikistan will be introduced to the nomad women and further developed to suit their demands and skills. A training program for interested women will be developed with remote backstopping from Liba Brent. First test marketing of cashmere products is envisaged at the end of 2012.

As discussed in the SCM in October 2011, IFAD's supervision mission will focus on sustainable market linkages to international markets. The marketing website (adventureyarns) of the project will be further developed to include all products from the project sites.

2 Detailed workplans for the countries/research sites

The workplan for each country is presented below in table format to provide an easy overview of the planned activities, expected outputs and the associated costs. The activities are grouped by the five components of the programme that include:

- **Component 1**: Characterize production systems and improve fiber production of small ruminants in all target sites.
- **Component 2**: Work on formation and capacity building of women's groups to develop fiber processing and export of value-added fiber and products in all pilot sites. Encourage the development of women-led small businesses.
- **Component 3**: Develop sustainable market chains that link fiber producers and processors with buyers.
- **Component 4**: Research on changes of income of fiber producers and women processors and their effects on livelihoods and gender roles.
- **Component 5**: Linkages (business, scientific and cultural) between the pilot communities and the global communities of producers, processors and consumers of fiber and fiber products.

2.1 Detailed workplan for Kyrgyzstan from 1 January – 31 December 2012

Grant Comp	Activity Title/ Objective	Description of Activity	Methods	Time frame	Output	Delivered by	Budget NARS	Budget CACSA-RC-kg
C1	Continue collaboration with sheep farmers-suppliers of fine and semi-fine wool	- Evaluation of sheep flocks	- Visual evaluation of sheep - Assisting Merino farmers to procure good rams	Jan.-March	Established collaboration with wool producers Ensured high quality wool supply.	Asanbek Ajibekov	2,160	
C1	Continue breeding program with selected farmers	- Optimizing flock structure - Evaluation of sheep according to the breeding objectives - Selection of breeding animals	- Tagging animals - Selection of best ewes - Procurement of rams	April-June	Improvement of wool quality and flock homogeneity	A. Ajibekov	1,500	
C1	Study of wool quality	- Wool sorting - Wool sampling - Laboratory analysis of wool quality	- Assessment of wool	May-July	Information on wool quality	A. Ajibekov	1,000	
C1	Mating of selected ewes with procured rams	- Fall inspection of ewes and lambs - Analysis of selection results for 2011 - Selection of rams for mating - Organization of mating	- Controlled mating	Oct.-Nov.	Improved wool quality	A. Ajibekov	1,500	
C1	Veterinary support for sheep farmers	- Support for the contact farmers by preventive agents against mange	- Provision with drugs		Improved animal health	A. Ajibekov		
C1	Training of farmers on basic breeding	- Practical recommendations and trainings on sheep breeding	- Training	April-June	Practical skills for wool quality improvement	A. Ajibekov	1,860	
C2	Provision of groups with raw wool, materials and equipment, and maintenance of	- Procurement of fine and semi-fine wool for the artisan groups	- Procurement and distribution of wool and materials among groups. - Procurement and distribution of	through-out the year	Provision of groups with raw wool and materials	A. Ajibekov Svetlana Balalaeva	1,600	

Grant Comp	Activity Title/ Objective	Description of Activity	Methods	Time frame	Output	Delivered by	Budget NARS	Budget CACSA-RC-kg
	equipment	- Maintenance of machines - Procurement of cloth for wool carding machines	preventive agents to the contact farmers - Maintenance of machines - Substitution of the depreciated cloth on 2 carding machines				400	400 600
C2	Increasing competitiveness of products from pilot groups'	- Fellowships of successful artisans in the workshops of leading designers. - Work of the designer for improvement of the products and development of new product samples	- Consultations, practice in the workshops of designers in Bishkek; - Development of design and assortment	April	Skills of artisans for production of high quality products strengthened	S. Balalaeva		3,620
C2	Trainings of artisan groups on technologies and design	- Training on production technologies and design considering specific needs of each group	- Trainings for felters of the Naryn province	April-May	Improvement of skills	S. Balalaeva Liba Brent		3,200
C3	Marketing support	- Sending of the best samples to US and European markets - Work on expanding the outlets - Publication of the promoting materials - Organization of participation in the Oymo International Festival - Organization of participation of the pilot group representatives in fares of Kazakhstan	- Selection of samples for marketing in the US and other markets - Market survey and product promotion (marketing specialist) - Publication of mini catalogues, leaflets, etc. - Exchange of experience, participation in master classes, discussions during the Festival; - Accounting of product sales pilot groups' at fare of handicrafts in	August March-October April-June July-August	Test portfolio of orders Practical marketing Practical marketing	Liba Brent S. Balalaeva		7,270

Grant Comp	Activity Title/ Objective	Description of Activity	Methods	Time frame	Output	Delivered by	Budget NARS	Budget CACSA-RC-kg
		- Procurement of sample products from pilot groups	terms of the Festival; - Exploring new markets	March				
C4	Profitability analysis of felting activities of the pilot women groups	- Assessment of the value added for products through analysis of production costs and local market prices - Comparative analysis of income generation by women involved in the project and their neighbors	- Data collection in pilot groups	Jan.-Sept.	Information on income of felters	Jaik Isakov	2,000	
	General costs:							
	National coordinator						2,400	
	CACSA staff	- Use of equipment, office maintenance, communication, program and financial management						7,110
	Office Materials						580	600
	Repair / maintenance of IFAD project car						1,000	
	Field days							1,200
	Total:						**16,000**	**24,000**

2.2 Detailed Work plan for Northern Tajikistan from 1 January – 31 December 2012

Grant Comp.	Activity title/ Objective	Description of Activity	Methods	Time Frame	Output	Delivered by	Budget
C1	a) Monitoring of conditions of white and black nuclei goats.	- Monitoring of animal husbandry, feeding, and heath of goats in nucleus groups.	- Visual assessment of animals, specifically weight and health of females and recommendations of improvements	Jan.-March December	Improvement in the condition of animals	M. Kosimov, F. Kosimov, I. Chaitov	500
	b) Provision of feed and minerals to the nucleus goats	- Provision of feed and minerals for the nucleus does in winter (50 females in the supernucleus, 200 farmers' does) - 250 heads*0.5 kg *60 days = 7500 kg*0,40$= 3000$; - Minerals: 100$	- Procurement and delivery of feed and minerals for the nucleus does inseminated by the imported Angora goat semen	Nov.-Dec.	Improvement in the condition of animals	M. Kosimov, F. Kosimov	3100
C1	Assessment of nucleus does inseminated by the imported Angora goat semen	- Assessment of wool quality, mohair sampling for laboratory analysis and monitoring of mohair productivity	- Visual assessment, sample collection from blade-bone area and weighing of fleece	March-April	Data on mohair quality and productivity of nucleus does	M. Kosimov, F. Kosimov, E. Fozilov, I. Khaitov, L. Brent	1500
C1	Data collection for offspring	- Recording of birth and identification of kids	- Tattooing and weighing (1-6 months)	March-May; September	Data on kids	M. Kosimov, F. Kosimov E. Fozilov, I. Khaitov, L. Brent	1000
C1	Veterinary support of nucleus goats	- Prevention and treatment of CCPP (contagious caprine pleuropneumonia) of goats. - Provision of anthelminthics and antiparasitic medicines.	- Vaccines, antibiotics - Tablets, suspensions, injections	March-May Sept.-Oct.	Improved animal health	M. Kosimov, F. Kosimov E. Fozilov, I. Khaitov	2000
C1	Selection of goats in nucleus flocks.	- Selection of the best bucks and does for nucleus flock, culling	- Discussions, trainings and	March-April Sept.-Oct.	Improved pedigree	M. Kosimov, F. Kosimov	2000

Grant Comp.	Activity title/ Objective	Description of Activity	Methods	Time Frame	Output	Delivered by	Budget
		of inferior goats, recommendations on breeding, feeding and keeping, establishing contacts with farmers of the nucleus groups on new pilot site	meetings (individual)		characteristics and increased productivity	L. Brent	
C1	Training for farmers	- Trainings on selection of breeding goats, goats to be culled, and on conducting AI	- Selection of the best goats by productivity and mohair quality. Culling, castration of unproductive and inferior goats (groups)	March-April Sept.-Oct.	10 farmers trained	M. Kosimov, F. Kosimov L. Brent	500
C1	Artificial insemination with semen from the US	- Selection of farmers, assessment and selection of females for AI - Development of mating scheme - Preparation of instruments. - Training of staff on AI of goats - Synchronization of females and artificial insemination - Procurement of ear tags, removable dyes, pincers, and other materials	- Standard methods	Sept.-Nov.	300 females inseminated	M. Kosimov, F. Kosimov E. Fozilov, I. Khaitov, L. Brent	5000
C1	Storage of semen		- Filling by liquid nitrogen, storage	Jan.-Dec.	Semen storage	F. Kosimov	950
C2	Purchase of kid mohair.	- Purchase of 400 kg kid mohair for spinning – 4400$.	- Cooperate with farmers and middlemen on selection and purchase of quality kid mohair.	March-May	400 kg of kid mohair	M. Kosimov, F. Kosimov L. Brent, T. Saidova	4400

C2	Cleaning of kid mohair	- Organize a group of women to dehair mohair (50 somoni/kg)	- Hire women to dehair mohair.	April-Sept.	100 kg of dehaired and carded kid mohair	L. Brent, M. Kosimov, F. Kosimov	1200
C2	Purchase of yarn	- Purchase of 100 kg of yarn (100 somoni/kg).	- Yarn purchase	April-Sept.	100 kg of yarn	L. Brent, M. Kosimov, F. Kosimov	2300
C2	Dying of yarn	- Dying of yarn	- Dying yarn with natural and chemical dyes	April-Sept.	Dyed yarn	L. Brent, M. Kosimov, F. Kosimov	400
C2	Training on spinning, weaving, organization of budget and business						1500
C3	Shipping yarn	- Shipping yarn via DHL	- Shipping yarn	Sept.-Oct.		L. Brent, M. Kosimov, F. Kosimov	1500
C4	Support of thesis writing of Alisher Kosimov on economic efficiency of mohair goats in Tajikistan	- Master thesis in cooperation with the University of Panonia (Hungary)		Jan.-Dec.	Alisher Kosimov		
	General costs:						
	National Coordinator						2400
	Publications			May-August, December			600
	Computer						850
	Transport						5000
	Casual Labor						2000
	Communication expenses						1500
	Total:						**40200**

2.3 Detailed Workplan for Badakhshan/Tajikistan from 1 January – 31 December 2012

Grant Comp	Activity Title/Objective	Description of Activity	Methods	Time frame/ Completion Date	Output	Delivered by	Budget
C1	Purchase and distribution of feed, monitoring of goats	- Purchase of winter feed for bucks: o Barley: 1.5 tons o Salt: 100 kg o Hay: 3.15 tons	- Distribute feed during the first week of each month. - Conduct monitoring.	Jan.-March	Feed delivered to farmers Bucks in good condition	Khonun Davlatquadamov	700 for barley 2,680 hay 25 salt 3,405 Total
C1	Care of nucleus bucks	- Pay shepherd for taking care of nucleus goats on summer pastures. - Support shepherds in maintaining nucleus bucks during winter months.		all year	Controlled mating of best females with best males	K. Davlatquad. Khurshded Davlatov	1,250 (summer pastures) 1,276 (winter care)
C1	Survey and evaluation of kids. Selection of nucleus females	- Kid, female and buck survey: tag, weigh and evaluate nuclei male kids, females and control animals.	- Tag and weigh the animals - Visually assess animals and fiber quality - Collect fiber samples. - Monitor the nucleuses	March-April	Recorded performance of kids, females and bucks	Kh. Davlatov K. Davlatquad. J. Mueller Liba Brent	1,500 tags 500 scales
C1	Veterinary services	- Vaccination pleuropneumonia, jashur, ospa, sibirskaja jazva (spring, fall) - Deworming (spring, fall) - Castration (spring, before the goats go to mountain pastures) - Blood sample collection of nucleus bucks (once a year).	- Organize castration and veterinary services for nucleus flocks.	April-May Sept.-Oct.	Nucleus animals in good condition; improved flock productivity	Fazliddin Ikromov K. Davlatquad. Kh. Davlatov	2,500
C2	Combing Goats	- Distribution of 100 additional combs		Feb.	High quality cashgora fiber available	K. Davlatquad.	500

C2	Purchase cashgora fiber for processing	- Set up purchasing center. Purchase fiber from women - Comb goats separately. - Package fiber from individual goats separately. - Include tag numbers in packages. - Expected amount of fiber combed: 120 kg x 100 somoni/kg = $2,600	- Sort fiber into categories. Gather data on fiber collected.	Feb.-April	Cashgora fiber purchased and evaluated	K. Davlatquad. F. Ikromov Liba Brent Kh. Davlatov	2,600
C2	Fiber dehairing	- 80 kg x $20 = $1,600	- Arrange fiber dehairing in Afghanistan.	May-July	Dehaired cashgoara for yarn spinning	Liba Brent K. Davlatquad.	1,600
C2	Yarn dying	- Introduce quality dyes for yarn and Jurabe socks		all year	Quality dues available	Liba Brent K. Davlatquad.	500
C3	Yarn purchase	- 80 kg x $25 per kg	- Yarn production at project sites	all year	Yarns produced for test marketing	Liba Brent K. Davlatquad	2,000
C3	Jurabe socks purchase	- 200 socks per 35 somoni = $1,500		all year	Socks produced for test marketing	Liba Brent K. Davlatquad.	1,500
	Shipping	- 80 kg of yarn to USA				Liba Brent K. Davlatquad.	1,000
	General costs:						
	Local transport	- visits to sites (car & driver) - $2,100 gasoline - $1,900 driver - other expenses: $500					4,500 Total
	Site visits for Khurshed and Fazzlidin	- 6 site visits (2 spring, 2 summer, 2 winter), $650 one trip					3,900 Total
	Spinning Wheels	- 20 spinning wheels ($125/wheel)		April			2,500 Total
	3 Bucks from Roshkala			August		K. Davlatquad. Kh. Davlatov	600
	Hired Labor						1,500

	Notebook					Kh. Davlatov	700
	Office and unexpected Expenses						1,500
	National Coordinator						2,400
	Site coordinators						2,400
	Total						**40,131**

2.4 Detailed Workplan for Iran from 1 January – 31 December 2012

Grant Comp	Activity	Description of Activity	Methods	Time Frame	Outputs	Delivered by	Budget (US$)
C1	Complete database on fiber quality at the pilot site	- Repetition of baseline sampling to test year effect - Comparison of fiber quality of females selected for the nucleus and in the base population of the flocks	- Laboratory analysis - Statistical Analysis	Jan-May	Variation of cashmere quality in the base population established Evaluation of efficiency of visual selection of females	Hamidreza Ansari-Renani Joaquin Mueller	3,300
C1	Evaluate the fiber quality of breeding bucks and candidate bucks in the 8 breeding flocks	- Collect fleece sample from the 2 adult nucleus bucks and up to 8 other adult bucks available in each flock. (total=10x8 samples) - Collect fleece samples from 10 young (about 1 year old) bucks (total=10x8 samples).	- Fiber sampling and analyses using standard methods - Detect new candidates for replacing adult bucks.	Jan-May	Adult bucks available in flocks evaluated. Candidates for replacing adult bucks identified.	H. Ansari-Renani	

Grant Comp	Activity	Description of Activity	Methods	Time Frame	Outputs	Delivered by	Budget (US$)
C1	Identification and performance recording and of nucleus offspring in the 8 breeding flocks	- Ear tagging male and female progeny of nucleus animals; recording birth dates. - Recording of weight of nucleus male and female progeny at 4 months age	- Standard record keeping (farmers need tags, appliers, scales (spring balances) and a list of dams in the nucleus).	Jan.-March on winter pastures May (after returning from winter pastures)	Pedigree of progeny in nucleus for progeny testing and further selection. Systematic performance recording and selection of replacements	Nucleus farmers H. Ansari-Renani	600 (tags) 1,000 (scales) 1,820 (DSA) 1,000
C1&2	Introducing better cashmere harvesting methods. Training in Cashmere Combing.	- Purchase and distribute cashmere combs. - Select trainers in cashmere combing. - Organize training in pilot sites on combing goats.	- Preliminary interviews - Selection of most experienced combers for training. - Distribution of combs and training in combing and fiber collection.	Jan. March	Participating households trained in cashmere combing. assessment preparation and collection.	H. Ansari-Renani	600 (combs) 1,000 (training) 1,000
C1	Implement mating scheme (best bucks with best females)	- Prepare selective mating in nucleus flocks	- Arrange separation of flock (separate herding or fencing)	May		H. Ansari-Renani J. Mueller	3,500 (feeds) 900 (trans-port)
C2	Discussions with women beneficiaries. Instructions regarding sample production.	- Selection of interested women/ women associations, e.g. in vicinity of cashmere producers - Prioritize specific activities to improve fiber quality according to market needs and local constraints. - Discussions of cashmere quality	- Discussions with women's group. - Organize dehairing	Jan.-May	Groups informed about project objectives. Production of first samples organized.	Liba Brent Najmeh Karegar Nomad organization Baft Extension Service	1,000 (dehair)

Grant Comp	Activity	Description of Activity	Methods	Time Frame	Outputs	Delivered by	Budget (US$)
		and types of cashmere for spinning - Groups instructed to produce first product samples.					
C2	Training in spinning yarn according to market standard. Identification of cashmere best suitable for spinning. Purchase of spinning wheel models for local production. Distribution of processed yarn	- Produce yarn and knit swatches from different types of cashmere and assess cashmere performance during processing. - Training in spinning organized in all pilot villages. - New models of spinning wheels delivered. - Process 150 kgs of raw cashmere including: scouring, dehairing, carding and combing	- Trainings in spinning and assessment of cashmere performance during processing into yarn and product samples. - Record results for tagged goats.	March-April	Yarn samples from different types of cashmere at pilot sites. Identification of best types of cashmere/goat for spinning. Identification of best spinners.	Liba Brent Nomad organization Baft Extension Service	800 (DSA) 1,000 (training) 3,500 (fiber, yarn samples)
C2	Collection and analysis of first product samples.	- Samples from pilot groups collected. - Best samples sent to the US for market testing. - Specific training needs of each group identified.	- Collection and quality/market analysis of product samples.	March-April	First batch of product samples from women's groups collected and analyzed.	Liba Brent Nomad organization Baft Extension Service	1,000
C3	Assessment of Yarn Sample on US Market.	- Test yarn samples with professional knitters in the USA	- Testing yarn by knitting swatches	June-Sept.		Liba Brent	500
C3	Marketing study	- Description of current cashmere marketing channels	- Survey questionnaire - Informal interviews	April-May	Interviews. Survey data.	H. Ansari-Renani N. Nishanov, B. Rischkowsky	1,500

Grant Comp	Activity	Description of Activity	Methods	Time Frame	Outputs	Delivered by	Budget (US$)
	General costs						
	National Coordinator						3,600
	Local coordinators						3,600
	Casual labor						1,100
	Travel NC						3,420
	Local Transport (Kerman ARC)						5,000
	Veterinary services						2,000
	Publications						1,000
	Total						**40,920**

3 Budget summary for 2012

Budget items	Regional	Iran	Kyrgyzstan		Tajikistan		Total
			NARS	CACSA	Badakh	Khujand	
I. Personnel/ Consultants							
ICARDA							
Barbara Rischkowsky (10%)	10,200						10,200
Nariman Nishanov (100%)	24,000						24,000
Subtotal	*34,200*						*34,200*
Consultants							
PI Liba Brent (9 months)	54,000						54,000
Breeding (J. Mueller)	9,890						9,890
Marketing and Design (NN)	5,000						5,000
Subtotal	*68,890*						*68,890*
Collaborators costs							
National Coordinator		3,600	2,400		2,400	2,400	10,800
Site coordinators/CACSA staff		3,600		5,430	2,400		11,430
Subtotal		*7,200*	*2,400*	*5,430*	*4,800*	*2,400*	*22,230*
Subtotal I.	***103,090***	***7,200***	***2,400***	***5,430***	***4,800***	***2,400***	***125,320***
II. Travel							
International Travel Liba Brent	18,800						18,800
International Travel JM	10,740						10,740
International Travel BR	6,760						6,760
International Travel Marketing Cons.	3,380						3,380
Subtotal Internat. Travel	*39,680*						*39,680*
Local Travel NN and visa support	7,500						7,500
Local field travel (incl. DSA)		13,020	5,310	6,540	8,400	10,500	43,770
Socioeconomic/market studies		1,500	2,000				3,500
Subtotal Local Travel	*7,500*	*14,520*	*7,310*	*6,540*	*8,400*	*10,500*	*54,770*
Subtotal II.	***47,180***	***14,520***	***7,310***	***6,540***	***8,400***	***10,500***	***94,450***
III. Equipment and Supplies							
Casual labor/trainers' fees		1,100	250	4,280	4,026	2,000	11,656
Car insurance and repair	1500		1,000				2,500
Supplies for women and producers (tags, scales, combs, wheels, dyes)		2,200	1,600	1,230	5,500		10,530
Purchase of fiber and fiber products		2,000		580	7,700	8,300	18,580
Sample transport		500		400	1,000	1,500	3,400
Feed, vaccines, AI supplies		6,400			5,905	8,550	20,855
Lab analysis		3,300					3,300

Budget items	Regional	Iran	Kyrgyzstan		Tajikistan		Total
			NARS	CACSA	Badakh	Khujand	
Rams/bucks			1,000		600		1,600
Notebook					700	850	1,550
Office supplies/ rent/ communication/bank transfer	4,350		580	2,280	1,500	1,500	10,210
Contingencies	3,000						3,000
Subtotal III.	***8,850***	***15,500***	***4,430***	***8,770***	***26,931***	***22,700***	***87,181***
IV. Training/Workshops/ Publications							
Training Women groups	1,800	1,000		3,200		1,500	7,500
Training Producers		1,000	1,860			2,500	5,360
National students							0
PSCM (1 day)	12,000						12,000
Publications		1,000		60		600	1,660
Subtotal IV.	***13,800***	***3,000***	***1,860***	***3,260***		***4,600***	***26,520***
Total Direct Costs	**172,920**	**40,220**	**16,000**	**24,000**	**40,131**	**40,200**	**333,471**
V. ICARDA Indirect Costs							57,620
Total Costs							**391,091**