

# Baraka Agricultural College

MOLO - KENYA



## PROSPECTUS

2010

## BARAKA AGRICULTURAL COLLEGE:

Baraka Agricultural College was founded in 1974 by the Catholic Diocese of Nakuru to educate and train the newly settled farmers of Rift Valley Province. Since 1976 the college has been under the management of the Franciscan Brothers. In the early years the Baraka curriculum promoted high external input/high output agriculture.

However, with rapidly changing social and economic conditions it was evident that this form of agriculture was not responding to the needs of the increasing number of small-holders farmers. From the early 1980s the concept of sustainable agriculture and rural development (SARD) started to evolve. Today the mission of Baraka Agricultural College is to promote SARD in Eastern Africa. Baraka Agricultural College is an international institution drawing course participants from Eastern and southern African region.

In order to improve the quality and value of education & training programmes, Baraka college is affiliating with Catholic University of Eastern Africa(CUEA)

## LOCATION:

The college is situated in Molo District, 7 kilometres from Molo town, Kericho direction.

## BARAKA VISION:

***Rural communities in Eastern Africa in which people live with dignity and in harmony with their environment and God.***

## BARAKA MISSION:

***To promote sustainable agriculture and rural development in Eastern Africa through dialogue, participatory education, training and research.***

## BARAKA GOAL:

***To become a centre of excellence in sustainable agriculture and rural development providing responsive and dynamic solutions to rural communities in partnership with relevant stakeholders.***

## BARAKA CORE VALUES:

The philosophy of Baraka is based on the reality that every human person is a unique individual and that she/he has a right to an environment in which she/he can live with dignity. It is based on the gospel of Jesus Christ and the desire to bring this “good news” in a practical way to all people, especially the poor. Based on the social teaching of the Catholic Church, the college endeavours to serve all people irrespective of their religion or ethnicity. All college programmes focus on recognizing human potential, natural resources and the environment as the foundation of economic and social activity.

Based on this guiding philosophy the core values of Baraka are:

***Equality of all:*** Baraka believes that God made all people equal and is committed to a development that promotes that equality.

***Rights and dignity of all:*** Baraka believes in and strives to uphold the rights and dignity of all people.

***Stewardship:*** Baraka believes that all human beings are co-responsible with God to protect the dignity of everybody and everything.

***Respect for the earth:*** Baraka believes that the physical earth has rights and needs to be respected in and of itself and not just as a stage for human activity.

## FACILITIES:

The college has excellent student accommodation, teaching and recreational facilities.

## MANAGEMENT:

The college is managed on behalf of Catholic Diocese of Nakuru by the Franciscan Brothers.

## STAFF:

The college has highly dedicated professional and support staff. The Kenya Ministry of Agriculture seconds a number of teaching staff to the college.

## BARAKA PROGRAMMES:

In striving to fulfill its mission Baraka Agricultural College offers seven programmes, all of which focus on empowering rural communities in Eastern Africa.

1. Diploma in Sustainable Agriculture and Rural Development (DSARD).
2. Certificate in Sustainable Agriculture and Rural Development (CSARD).
3. Short Courses
4. Day Release Courses
5. Rural Youth Programme
6. Beekeeping Development Programme
7. Area Based Programme in Kamara and Tenges Divisions

## 1. CERTIFICATE IN SUSTAINABLE AGRICULTURE AND RURAL DEVELOPMENT (CSARD)

The Certificate in Sustainable Agriculture and Rural Development is a sixteen-month course in sustainable agriculture and rural development for eighty (80) participants. The course starts in August of each year and the aim is to educate and train interested women and men from Eastern Africa to be efficient, sustainable farmers, trainers of other farmers and facilitators of development in their communities. The 2010/11 Course commences on August 30, 2010 and runs to December 9, 2011

### STRUCTURE OF COURSE

<b>DATES</b>	<b>ACTIVITY</b>	<b>DURATION</b>
<i>August 30, 2010 to Jul 15, 2011</i>	THREE TERMS IN COLLEGE	<b>50 Weeks</b>
<i>August 1 to November, 25, 2011</i>	FIELD ATTACHMENT	<b>17 Weeks</b>
<i>December 5-9, 2011</i>	IN COLLEGE	<b>1 Week</b>

**Entry requirements:** the course is aimed at intelligent, hardworking women and men who are committed to the development of the rural communities in which they live or with which they work. Applicants must have farming experience and must be involved in community development activity. It is desirable, but not essential, that they have a minimum of D+ in the KCSE or its equivalent. They must be fluent in the English language. Suitable applicants who may not be fluent in English language can make arrangements with college management to come to the college for a six weeks course in English before commencement of the course or provide a certificate of competence in English before admission.

**Curriculum:** the curriculum for the Certificate in Sustainable Agriculture and Rural Development Course is designed to develop sound judgement in the student and impart the knowledge and skills necessary for efficient, sustainable farming and effective rural leadership. Teaching methods include classroom teaching, farm based practical skills instruction, project work, work experience and student centred social, religious and recreation activities. The course is delivered using a modular system. The curriculum consists of the following modules:

CODE	TITLE
GM 110	Introduction to SARD
GM 112	Our environment
GM 113	Integrated Morality
GM 114	Family Sustainability
GM 115	Community Development
GM 116	ICT for Rural Development
GM 117	Work Experience
GM 118	Projects
GM 119	Field Attachment
CP 210	Principles of Crop Production
CP 211	Agroforestry
CP 212	Vegetable Production
CP 213	Annual and Perennial Crops
CP 214	Floriculture
CP 215	Fruit Crops
CP 216	Indigenous Plants
AP 310	Principles of Animal Production
AP 311	Animal Health
AP 312	Livestock Feeding
AP 313	Ruminants: ·Dairy cattle ·Sheep and Dairy Goat
AP 314	Non- Ruminants: ·Pigs/ Rabbit / Fish ·Poultry
AP 315	Beekeeping

CODE	TITLE
AE 410	Soil and Water Management
AE 411	Farm Mechanization
AE 412	Farm Structures
BM 610	Farm Management
BM 611	Start Your Own Business
BM 612	Processing of Farm Produce
BM 613	Agricultural Marketing
FS 710	Organic Farming
FS 711	Dryland Farming
ECA	Social / Spiritual / Cultural

**Certification:** Cummulative Weighted Average Mean (CWAM) is used to give constant feedback to the student and for certification purposes. Certification is by the Catholic Diocese of Nakuru and the following certificates are awarded:-

- \* Certificate with **Distinction**
- \* Certificate with **Upper Credit**
- \* Certificate with **Credit**
- \* Certificate with **Pass**
- \* Certificate with **Attendance**

**Cost of the Course:** the cost of the 2010/11 CSARD course is Ksh 120,000 for citizens of Kenya and Ksh130,000 for persons from outside Kenya. This fee covers the cost of accommodation, food, tuition and stationery for the course.

Fees are to be paid as follows:-

- \* 5,000/=.....deposit with acceptance of place
- \* 55,000/=.....at start of first term
- \* 40,000/=.....at start of second term
- \* 20,000/=.....at start of third term

Beds, bed clothing and dining room equipment are provided by the college. In addition to ordinary clothes, students should have gumboots, overalls and sportswear. Each student must also have a panga and a jembe. All medical expenses incurred are the responsibility of the student concerned.

**Application for Admission:** persons interested in the course must apply in writing to the Principal of the College. Latest date for receipt of application is June 25, 2010. Selection of students is by way of an interview and a written test.

Applicants can also download and fill in relevant application forms from our website ([www.sustainableag.org](http://www.sustainableag.org)) and post them using the address on the back page of this prospectus or send them online.

## 2. DIPLOMA IN SUSTAINABLE AGRICULTURE AND RURAL DEVELOPMENT (DSARD)

The DSARD Programme is a sixteen month course that starts in August each year and runs to December of the following year. The curriculum aims at improving the capacity of students to be effective practitioners and promoters of SARD. It is designed to empower and build the confidence and self reliance of the student. The course targets persons from Eastern Africa who are working with rural communities.

### STRUCTURE OF COURSE

<b>DATES</b>	<b>ACTIVITY</b>	<b>DURATION</b>
<i>August 30, 2010 to Jul 15, 2011</i>	THREE TERMS IN COLLEGE	<b>50 Weeks</b>
<i>August 1 to November, 4, 2011</i>	COMMUNITY RESEARCH PROJECT	<b>16 Weeks</b>
<i>December 5-9, 2011</i>	IN COLLEGE	<b>1 Week</b>

Applicants must have a minimum of a certificate in agriculture/rural development from a recognized institution. They also must have at least one year working experience with a rural community. The course is also suitable for persons with higher qualifications who are committed to empowering rural communities. The curriculum is delivered using a modular system and consists of the following modules:

- DC101 Sciences for SARD.
- DC102 Mathematics for SARD.
- DC103 Rural Sociology.
- DC104 Development Economics.
- DC105 Development Education.
- DC106 Community Development.
- DC107 Communication Skills.
- DC108 ICT for Rural Development.
- DC109 Social Ethics.
- DC110 Community Health.
- DC111 Foundations of Sustainable Agriculture.
- DC112 Management of Natural Resources
- DC113 Agricultural Engineering.
- DC114 Crop Enterprise Management.
- DC115 Livestock Enterprise Management.
- DC116 Farm Management.
- DC117 Entrepreneurship Education.
- DC118 Agro-Processing and Value Addition
- DC119 Introduction to Research
- DC120 Community Project
- DC121 Life Skills.

The cost of the 2010/11 DSARD Course is Ksh150,000. This fee covers tuition, food, accommodation and stationery. Fees are to be paid as follows:

Ksh10,000 deposit with acceptance of place.

Ksh 62,000 at start of first term.

Ksh 50.000 at start of second term.

Ksh 30,000 at start of third term

The above fees include caution money of Ksh 2,000 refundable at the end of the course. Students will be required to buy relevant textbooks for the course and will meet expenses for processing passes and permits for non-Kenyans. All medical expenses incurred will be the responsibility of the student concerned.

The college provides beds, bedding and dining equipment.

Molo can be cold and therefore students are asked to carry warm clothing. In addition they must have gumboots, overalls and sportswear.

Persons interested in this course are asked to apply in writing to the Principal of the college. Last date of receiving applications is June 25, 2010. Selection of course participants is by interview.

Applicants can also download and fill in relevant application forms from our website ([www.sustainableag.org](http://www.sustainableag.org)) and post them using the address on the back page of this prospectus or send them online.

### 3. SHORT COURSES

Baraka Agricultural College offers a wide range of short courses that are designed for farmers, development workers and rural business people. The emphasis in all short courses is on the participant acquiring appropriate skills to help improve the efficiency of their farms or small scale businesses

Short courses are run in modules of one-week duration. However, they can be extended depending on the needs of the group.

**Application for Short Courses:** Application for Short Courses should be made to the college Principal. All courses are to be booked three weeks in advance and 50% of the cost is to be paid on booking. This fee covers the cost of food, accommodation, tuition and training materials. A standard one-week short course runs from supper time on Sunday to after breakfast on Saturday morning. Course participants should have suitable clothes for practical work.

**Schedule of Baraka Standard Short Courses for 2010**

<b>COURSE</b>	<b>DATES</b>	<b>COST (Kshs)</b>
Sustainable agriculture	January 10th - 16th	7,000
Fruit production	January 17th - 23rd	7,000
Start your own business	January 24th - 30th	8,500
Micro processing and value addition of food	February 14th-20th	10,000
Dairy cattle	February 21st-27th	7,000
Training of trainers	March 21st-27th	8,500
Introduction to bee keeping	April 11th-17th	8,500
Mushroom growing	April 18th - 23rd	8,500
Animal health	May 2nd - 8th	10,000
Bee products processing and value addition	May 9th-15th	10,000
Dairy goats	June 6th - 12th	7,000
Vegetable production	June 13th - 19th	7,000
Bee multiplication and breeding	June 20th- 26th	10,000
Youth development	June 27th - July 3rd	8,500
Managing your own business	July 4th - 10th	8,500
Micro savings and credit scheme	July 11th - 17th	8,500
Poultry production	July 25th-30th	7,000
I.C.T for rural development	August 1st - 7th	8,500
Introduction to bee keeping	August 8th - 14th	8,500
Processing of bee products	August 22nd-28th	10,000
Dairy goats	August 29th -September 4th	7,000
Start your own business	September 5th-11th	8,500
Introduction to bee keeping	September 12th-18th	8,500
Mushroom growing	September 19th-25th	8,500
Animal health	September 26th - October 2nd	10,000
Bee products processing and value addition	October 3rd - 9th	10,000
Dairy goats	October 10th - 16th	7,000
Introduction to beekeeping	October 24th - 30th	8,500
Dairy cattle	October 31st-November 6th	7,000
Animal health	November 7th-13th	10,000
Micro processing and value addition of food	November 14th-20th	10,000
Organic farming	November 21st-27th	7,000

Baraka Agricultural College has the capacity to deliver sustainable development short courses that include sustainable livelihoods, participatory action research, participatory project planning and ICT for Rural development among others. The content, duration and cost to such short course training will be agreed in consultation with the sponsoring agency.

#### 4. DAY RELEASE COURSES

Baraka College invites farmers, school and college staff and students and other special interest groups for day release courses. The aim of Day Release Courses is to promote the concept and practice of Sustainable Agriculture and Rural Development.

#### 5. RURAL YOUTH PROGRAMME

The Rural Youth Programme is a pilot programme working with rural youth in Kamara, Tenges and Lare Divisions and with past and current DSARD and CSARD students. The aim of the programme is to facilitate youth development through promotion of sustainable structures that are youth centered, promote processes that will enhance holistic development of rural youth, improve their capacities to influence processes, institutions and policies that affect them as they actively participate in the development of their own communities.

#### 6. BEE KEEPING DEVELOPMENT PROGRAMME

Beekeeping programme is aimed at empowering rural communities to engage in beekeeping as an alternative, environmentally friendly enterprise for improved and secure livelihoods. The programme facilitates beekeepers and development partners to enhance development of the beekeeping industry in Kenya and Eastern Africa. It promotes training, access to information and materials relevant in beekeeping.

The programme strives to achieve the above by;

1. Training students in certificate and diploma levels in Sustainable Agriculture and Rural Development in efficient beekeeping
2. Training farmers and development agents in beekeeping through structured short courses.
3. Research and documentation aimed at empowering beekeepers and stakeholders in identifying and addressing issues hindering beekeeping development and sharing lessons with others.
4. Providing an effective outreach service for potential and practicing beekeepers.
5. Bee breeding and colony multiplication to provide start up nuclei and offer training.
6. Capacity building at grassroots and national levels.

#### 7. AREA BASED PROGRAMME

Baraka College, in partnership with Self Help Africa, runs an Area Based Programme in Kamara Division of Molo District and Tenges Divisions of Baringo District.

The aim of the programme is to promote bottom-up development in the two divisions in collaboration with the Ministries of Agriculture and Livestock and other organizations working in the Divisions. In addition to promoting sustainable agriculture and rural development the programme also provides valuable feedback for college staff and course participants.

## OUTREACH UNIT

BAC outreach unit promotes Sustainable Agriculture and Rural Development in Eastern Africa through the past students under a structure known as Baraka Agricultural College Old Student Association (Bacosa). Besides working with past students, the unit also promotes SARD in selected areas under DRR (Disaster Risk Reduction) livelihood programme in collaboration with government ministries and other development agencies. This programme is funded by Trocaire an Irish Agency. The experiences gathered are documented by the team and fed back to the college to enrich its curriculum.

## BARAKA INCOME GENERATING UNITS

Baraka Agricultural College receives no direct Government support. While a number of external donors work in partnership and are very generous in supporting its mission, the college is striving to create a more self-reliant institution. In so doing, reasonable fees are charged for the education and training services provided and college income generating entities are efficiently managed. The college has four income generating entities: Farm, Workshop, Baraka Highlands Honey and College Shop.

**College Farm:** the college 20 hectare farm produces a wide range of high quality goods, including organically produced products. These can be purchased directly from college shop. For more information contact the Farm Manager.

**College Workshop:** the college workshop manufactures a wide range of timber and metal goods including top quality school, church and household furniture, fittings and the full range of beekeeping equipment. All these products are competitively priced, attractive, strong and durable. For more information contact the Workshop Manager.

**Baraka Highlands Honey:** Baraka Highlands Honey purchases quality honey and other bee products from farmers. These products are processed and sold. For more information contact the Manager, Baraka Highlands Honey.

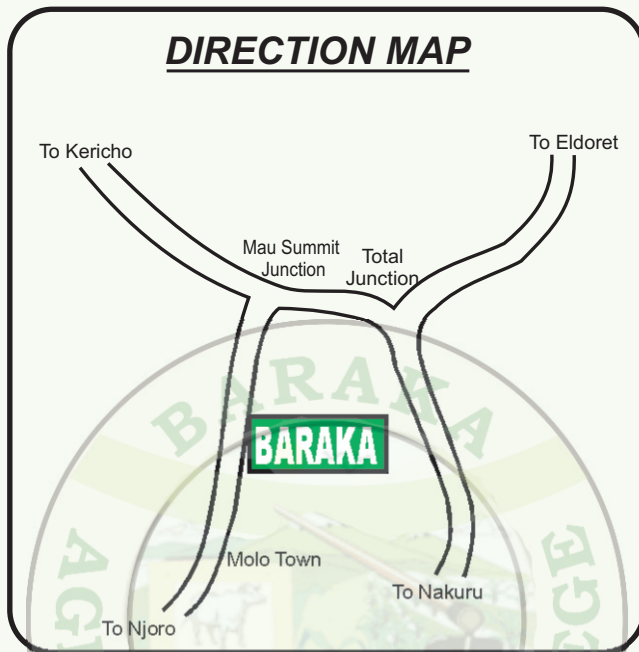
**College Shop:** in addition to supplying farm, beekeeping and workshop products the College Shop also sells quality development books and arts and crafts from small rural businesses. For more information contact the Manager, Baraka Shop.

## BARAKA BEEKEEPING EQUIPMENT PRICE LIST

ITEM	AMOUNT (Ksh)
Bee brush	190.00
Bee suit nylon (without gloves)	3,000.00
A pair of gloves	380.00
Catcher box	1,000.00
Langstroth catcher box	1,400.00
Clearer board	350.00
Feeder box	290.00
Hive stand	600.00
Hive tool	250.00
K.T.B.H without queen excluder	2,300.00
K.T.B.H with queen excluder	2,600.00
Langstroth hive with queen excluder	4,000.00
Langstroth super	1,400.00
Observation hive	1,400.00
Top bar	40.00
Smoker	850.00
Solar wax melter	2,900.00
Foundation sheet	85.00
Honey extractor plastic	60,000.00
Honey extractor steel	70,000.00

For more information contact the Baraka Workshop Manager.  
Tel: 020 - 2313400 Extension 111 or 115

## **DIRECTION MAP**



For further information contact:

The Principal,  
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