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International Goat Association Newsletter

KEEP INFORMED — STAY IN TOUCH — GET INVOLVED

Welcome to the IGA newsletter. We are proud to provide you our readers with the latest goat related news, updates, special IGA offers and information.

Latest IGA News and Information (continued on page 8)

Dear Members of IGA:

IGA membership

We know that in a down economy it is easy to let memberships lapse or to simply postpone renewing. By mid-June of this year we had 218 members, unfortunately this is down from 225 in mid-2008.

Please help us continue our important work. Check with Christian DeVries (goats@heifer.org) to see if you need to renew your membership.

Visit our website and pay your membership through PayPal

You can now pay your membership fee online at the new IGA Store: <http://www.iga-goatworld.org/shop>. We now accept payment through PayPal.

If you would like to use this option, please create a PayPal account before trying to complete your membership process with us. To learn more about PayPal



go to: <https://www.paypal.com>

IGA's new constitution

All the votes have been counted and our new constitution has been approved. The following are the significant changes that were made:

We changed the term of service for the board of directors from “the end of the International Conference on Goats when they were elected to the end of the next succeeding International Conference on Goats” to “Officers and directors shall serve four [4] year terms and until their successors are duly elected and qualified.” This change was needed to avoid having to elect new members if we are to organize an ICG in a different interval than every four years. We think a two year term is too short for the President and board members.

• We clarified that the board consists of 19 members including

those who are elected as officers. The old constitution was not very clear on the total number of board members.

• We clarified the role of Country Representatives and the process of their appointment.

We combined the constitution and bylaws into one document.

Thanks for your commitment to fostering the use of goats to provide for the needs of humankind.

New IGA Fax Number

Recently we had to rearrange our offices and the IGA now have a new fax number. We know that some of you have tried to fax in your membership applications. Please send all faxes to: 1-501-907-2613

[http://www.iga-goatworld.org/
New-IGA-fax-number-1-501-907-
2613_a84.html](http://www.iga-goatworld.org/New-IGA-fax-number-1-501-907-2613_a84.html)

Goat production and marketing: Baseline information for semi-arid Zimbabwe

Authors: Sabine Homann, André van Rooyen, Thinah Moyo and Zivayi Nengomasha

Abstract

The role of livestock in rural communities is changing rapidly. Goats are increasingly used to augment cash income and enhance food security, thus serving as an important component in household's livelihood strategies, particularly in drought-prone areas. While much has been done to improve agricultural production in the small-scale sector, little is known and documented about the current state of goat production and marketing in the communal areas of Zimbabwe. This report aims to set a baseline of the current status of goat production and marketing in southwestern Zimbabwe.

The report illustrates the main functions of goats. Basic statistics describe goat ownership patterns with regard to the socioeconomic profiles of goat keepers, and the responsibilities of different household members in day-to-day goat management and marketing. The current productivity of goat flocks and seasonal trends are illustrated, indicating major challenges that farmers face in goat production and marketing. The report then provides a detailed description of the current

management practices and existing marketing systems, and illustrates differences between districts, proximity to markets, flock sizes, levels of education and gender.

Goat mortality has been found to be the most important constraint. Farmers with few goats are unable to sustain their flocks, whereas those with larger flocks do not realize the potential benefits from goats due to high mortality rates. Poor access to animal health support, dry season feed shortages and inadequate housing are the most important immediate factors contributing to high mortalities and can generally be ascribed to a lack of information and poor service structures, both resulting from limited support given to the small stock sector by government and NGO support services.

The study also shows that although many farmers attempt to sell goats, markets are underdeveloped, infrastructure is inadequate and market information is not readily available. This results in poor confidence in markets, high transaction costs and low prices

Goat production and marketing: Baseline information for semi-arid Zimbabwe



International Crops Research Institute for the Semi-Arid Tropics

for goats. It is hypothesized that improved market access will act as an incentive for farmers to invest more in goat production. Market development is thus singled out as the next important step in further developing the goat industry in Zimbabwe.

Practical options to enhance the contribution of goats to food security and income growth are discussed, and priority interventions are recommended to service providers, development agents and policymakers in Zimbabwe.

To read more visit: http://www.icrisat.org/Publications/EBooksOnlinePublications/Publications-2007/Goat_production_Zimbabwe.pdf

Country Report — Canada

Written by Jackie Dunham, IGA
Country Representative – Canada

Traceability

The Canadian National Goat Federation (CNGF), which represents goat associations across the country, has decided to move forward with the implementation of the National Animal Traceability Program for goats, on a voluntary basis, once the decision is final on the appointment of the national distributor and the service provider. The board recognized the requests of goat owners of Canada to implement the program earlier than the time frame that is expected to implement the program under a mandated system.

Additional tag trials are being implemented to continue trials of products that may work well for goats. Of particular interest to dairy producers is a leg band called

the Patuflex. It is anticipated that the trial of the Patuflex band will take a considerable period of time in order to determine the minimum age criteria for application. This particular identifier is an electronic device, and is being considered as an official identifier in other countries at this time. Hopefully current tag trial results from other countries will help us in our efforts to determine whether this will be able to be used as an official identifier in the national program in Canada. For more information about the CNGF and its programs and projects, visit: www.cangoats.com.

Major Events

East National Dairy Goat Show



July 3-5 at Simcoe, Ontario,
Canada

www.eastnationalgoatshow.com

Alberta Caprine Summer Classic
West National Dairy, Boer &
Angora Goat Shows
August 7- 9 at Olds, Alberta,
Canada

www.oldsagsociety.com

International Goat Symposium
August 11-13, 2009 at Lindsay,
Ontario, Canada

www.goatsymposium.com

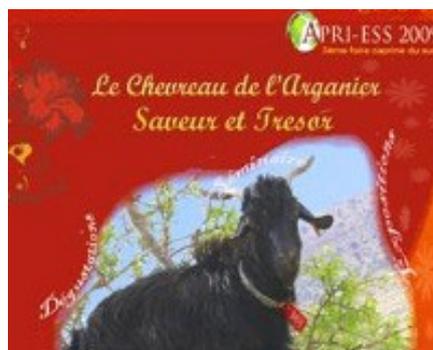
APRI-ESS 2009: May 8th to 10th, 2009 in ESSAOUIRA Morocco

The objective of the Southern Goats Show is to promote goat farming, and to make the farmers aware of the improvement of the technical and sanitary management of the herds as well as the opportunity to create Goat keepers Associations.

The Southern Goats Show is keeping within the Green Moroccan Scheme and the The Strategy to develop goat farming in the Essaouira Province. This Show was aimed also to be a place for debates and exchanges between extensionists, scientists, consumers and farmers

The **Argan tree**: The Moroccan

Olive tree is an emblem of Morocco. From its fruit, is



extracted a famous tasty and dietetic oil used in cooking and cosmetics. Argan oil is recommended for its high content in Omega3 fatty acids. The Argan tree is also a resource for goat

farming in Southwestern Morocco. It has always been a main source of forage for sheep, goat, camels and cattle. Breeders utilize the leaves, pulp and cake. Although goats have been accused of the deterioration of the Argan forest, it is now proved that the men and bad management of the trees are mainly responsible. A project aims to get acknowledged the Argan kid as a Denomination of Origin thanks to the specific sensory and dietetic quality of its meat.

We would like to have a report on this show. If you attended and want to write a report please contact us at: goats@heifer.org.

Goat and Small Livestock News from Around the World

The Global Downturn Lands With a Zud on Mongolia's Nomads

Waves from the global economic downturn hit Sodnomdarjaa Khaltarkhuu when bank officials showed up at his tent on the edge of the Gobi desert and threatened to foreclose on his goats, sheep and camels.

Falling demand for cashmere among recession-hit shoppers in the West is cutting into earnings among nomadic herders in Mongolia, whose goats produce the soft fiber used in high-end sweaters, scarves and coats. The result: herder loan defaults.

Mongolians are calling the current situation a financial *zud*, invoking a local term for unusually harsh winters that devastate herds. After Mr. Sodnomdarjaa couldn't pay back a \$2,700 loan, he says bank officials pressed him to sell his livestock – which he used as collateral. The bank says he misrepresented the number of animals he owned, which he denies. Now a judge has ordered the seizure of Mr. Sodnomdarjaa's family home – a tent – if he doesn't come up with the rest of the money soon.

<http://online.wsj.com/article/SB124017991210632815.html>

Can noise kill goats?

http://www.iga-goatworld.org/The-directory-of-goat-related-organizations-around-the-world_a30.html

Recently an article was published about goats and we would appreciate your input.

We have been contacted by the BBC in regards to a story coming



out of Taiwan. The report, **WIND TURBINE NOISE SUSPECTED OF KILLING 400 GOATS** due to a lack of sleep goats have been dropping dead. Nearby wind turbines are suspected of creating too much noise and not letting the local goats rest properly. We would like to know what you think.

Send your email to:

goats@heifer.org

To read the article, click here.

Projects of the Veterinary Science Library: African Goats

This link is to the University of Pretoria's Veterinary Faculty. The personnel there have gone to a lot of trouble to create a "Goat Page" with specific reference to African goats. We are sure this will be useful to many people in the goat community.

<http://www.ais.up.ac.za/vet/goat/goatweb.htm>

Soft Market for Cashmere Takes Toll in China

This summer, as always, the cashmere on offer in department stores and malls is mostly in ultrathin "summer weight" tops. Come fall, these usually are replaced by thick, luxuriant sweaters. But this year is shaping

up to be different.

Merchants in China say that American and European orders for the holiday season, for which sweaters are just starting to be knit, have fallen by as much as 30 percent. And the garments

chosen by buyers from Western stores are noticeably skimpy, using less of the costly material.

http://www.nytimes.com/2009/06/20/business/global/20cashmere.html?_r=1&ref=world

Goat's milk, meat good substitute to beef, cow's milk

The Department of Agriculture (DA) is encouraging Bicol farmers to raise goats and tap the breed's full potential as a source of milk and meat.

The goat is the poor man's cow because children and the elderly who cannot afford expensive cow's milk prefer drinking its milk which is cheaper and easier to digest, according to DA regional executive director for Bicol Jose Dayao.

<http://businessmirror.com.ph/home/top-news/11441-goats-milk-meat-good-substitute-to-beef-cows-milk.html>

Closing In On Goat Scrapie

Goats are tough, spirited animals, but they're no match for scrapie, a form of transmissible spongiform encephalopathy. Now, with a "helping hand" from science, the

News from Around the World (continued from page 4)

animals' plight could take a turn for the better.

Toward that end, Agricultural Research Service (ARS) scientists and their collaborators have developed a live-animal test to detect scrapie in goats. Called the rectal mucosa biopsy test (RMBT) or rectal biopsy, the new method involves snipping a tiny piece of lymphoid tissue from the lining of an afflicted animal's rectum. A dab of local anesthetic eases the animal's discomfort, notes microbiologist Katherine O'Rourke with the ARS Animal Diseases Research Unit in Pullman, Washington.

<http://www.sciencedaily.com/releases/2009/04/090419201836.htm>

Goat industry in growth spurt

Kathy Pauw is always happy to sit down to a meal of roast goat seasoned with garlic and thyme. The meat, she says, is lean and flavourful, and goats are friendly animals that are easy to care for.

Pauw is one of a handful of goat breeders in the province, raising between four and six goats every year with her husband Mendelt on their 160-acre property just west of Saskatoon.

<http://www.thestarphoenix.com/Life/Goat+industry+growth+spurt/1493827/story.html>

Sheep and Goat Herds Increase, Malta

The sheep and goat herd head count increased by 4.3 per cent and 2.2 per cent respectively over 2007 by end 2008, the National Statistics Office has said.

Editors note: Malta, a small Mediterranean island and EU member has one of the highest human densities in the world, for this reason most of the goats are bred indoors.

<http://www.independent.com.mt/news.asp?newsitemid=86081>

Goat's Milk Gets Your Skin Fraiche

Traci Bell treats her goats like members of her own family, which is important considering what they give in return -- their milk.

"I just had kids who were allergic when they were little, allergic to cow's milk, so I started buying goat's milk from a young teenage boy and then just decided that I had enough land for my goats," Bell said.

<http://www.nbcdfw.com/news/green/Goats-Milk-Gets-Your-Skin-Fraiche.html>

Controlled endoparasite in goats means increased productivity says UPLB assessment

For many small ruminant farmers, technologies that will help alleviate their plight are welcome.

In the Philippines and other South-East Asian nations, small ruminant farming is seen to help uplift many poor farmers. In making this a viable industry, various institutions have joined hands to promote management strategies to reduce morbidity and mortality in goat kids because of endoparasites.

The Australian Council for International Agricultural Research (ACIAR) promoted multi-agency research and

extension initiatives in sustainable endoparasite control in the region. Due to the potential of the technologies developed through ACIAR which are now being promoted in the Philippines and the need to estimate the rate of return on the investment made by the various stakeholder organizations, ACIAR, DOST-PCARRD and DA-BAR commissioned and funded an impact assessment of the these technologies.

http://www.innovations-report.de/html/berichte/agrar_forstwissenschaften/controlled_endoparasite_goats_means_increased_130818.html

Goat Breeding Project Launched in Hounslow

Minister of Agriculture Dr Christopher Tufton, has launched a goat-breeding project in the constituency of South West St Elizabeth for which he is the member of parliament, in an effort to improve and increase the stock of small ruminants in the area.

http://www.jamaicaobserver.com/westernnews/html/20090408T210000-0500_149098_OBS_GOAT_BREEDING_PROJECT_LAUNCHED_IN_HOUNSLOW.asp

UC Davis scientists breed goats with enzyme-rich milk to combat intestinal diseases

University of California scientists say they have found a way to combat intestinal diseases in the developing world through a type of enhanced goat milk.

News from Around the World (continued from page 5)

A decade ago, UC Davis researchers found a way to transfer a human gene into goats so they would produce a high concentration of an enzyme that fights diarrhea-causing bacteria.

http://www.mercurynews.com/breakingnews/ci_12091821

DA to accelerate the genetic improvement of sheep and goats in CAR

The Department of Agriculture (DA) is venturing on a new program they call "Accelerating the Genetic Improvement Program (GIP) for Small Ruminants" wherein they will be importing sheep and goats intended for the infusion of new bloodline to several local private

and government feeding farms.

<http://www.pia.gov.ph/?m=12&r=&y=&mo=&fi=p090403.htm&no=96>

Q fever found on Limburg goat farm

A goat farm in the southern province of Limburg has been quarantined following an outbreak of the flu-like disease Q fever, news agency ANP reports on Monday.

The farm, which has 1,000 animals, is the second where Q fever has been found this year, ANP says.

http://www.dutchnews.nl/news/archives/2009/03/q_fever_found_on_limburg_goat.php

[php](#)

China-focused SAIF Partners invests \$15m in goat milk products company

SAIF Partners, a China-focused private equity firm, has invested \$15m in Yayi International Inc - a producer and distributor of premium goat milk formula products for infants, toddlers, and adults in China.

The proceeds, which came from the \$1bn SAIF Partners III fund, will be used for expansion of production capacity and enhancement of sales and marketing efforts, the firm said.

<http://www.altassets.com/private-equity-news/article/nz16126.html>

FARM-Africa meeting: "Food Security in a Climate-Challenged World"

FARM-Africa will organize a presentation of their works followed by a panel discussion under the theme "Food Security in a Climate-Challenged World", 6th July 2009 at Lovells, Atlantic House, Holborn Viaduct, EC1A 2FG.

FARM-Africa staff from Ethiopia and Kenya will present on the impact of an exciting forestry project in the Bale Mountains of Ethiopia as well as smallholder

farmer programmes in Kenya, Tanzania and Southern Sudan.

The meeting will be followed by a panel discussion and audience questions and comments. The panel will be comprised of Dr Christie Peacock (CEO, FARM-Africa), George Mukkath (Director of Programmes, FARM-Africa), Tsegaye Tadese (Programme Coordinator, Bale Mountains Eco-region Sustainable Management Programme, FARM-

Africa) and Charles Marwa (Regional Policy Officer, FARM-Africa). They also have two special guests, Dr. Timothy Williams, Head of Enterprise and Agriculture at the Commonwealth Secretariat and Steve Wiggins, Research Fellow at the Overseas Development Institute.

For more information about FARM-Africa visit their website: www.farmafrica.org.uk

Heifer International (IGA's long time partner) opens Heifer Village

Heifer Village on the Heifer International Campus in downtown Little Rock, Arkansas, introduces visitors to the possibility of a world free of hunger and poverty.

It was designed as a sustainable and environmentally sensitive

building. Adjacent wetlands, which support native species, complement Heifer Village's design. A place for learning about solutions to global hunger and poverty, Heifer Village will spark commitment in all who experience it, furthering Heifer International's

mission to end hunger and poverty while caring for the Earth.

To learn more visit: <http://www.heifer.org/site/c.mmKTJbNUJrF/b.5018143/k.BDA0/Home/apps/nl/newsletter2.asp>

Recent Interesting Articles

Response of two species of Indo-Pacific corals, *Porites cylindrica* and *Stylophora pistillata*, to short-term thermal stress: The host does matter in determining the tolerance of corals to bleaching

Journal of Experimental Marine Biology and Ecology, Volume 373, Issue 2, 31 May 2009, Pages 102-110

Loose housing of small goat groups: Influence of visual cover and elevated levels on feeding, resting and agonistic behaviour

Applied Animal Behaviour Science, In Press, Corrected Proof, Available online 15 May 2009

Predicting the patterns, perceptions and causes of human–carnivore conflict in and around Machiara National Park, Pakistan

Biological Conservation, In Press, Corrected Proof, Available online 15 May 2009

Development of a new monoclonal antibody based direct competitive enzyme-linked immunosorbent assay for detection of brevetoxins in food samples

Food Chemistry, In Press, Accepted Manuscript, Available online 15 May 2009

Self-indicating nanobiosensor for detection of 2, 4-Dinitrophenol

Food Control, In Press, Accepted Manuscript, Available online 15 May 2009

Vaccination with recombinant NcROP2 combined with recombinant NcMIC1 and NcMIC3 reduces cerebral infection and vertical

transmission in mice experimentally infected with *Neospora caninum* tachyzoites
International Journal for Parasitology, In Press, Accepted Manuscript, Available online 15 May 2009

Experimental Infection of Goats with an Unusual Strain of *Mycoplasma mycoides* subsp. *capri* Isolated in Jordan

Journal of Comparative Pathology, In Press, Corrected Proof, Available online 15 May 2009

Biological control of horse cyathostomin (Nematoda: Cyathostominae) using the nematophagous fungus *Duddingtonia flagrans* in tropical southeastern Brazil

Veterinary Parasitology, In Press, Accepted Manuscript, Available online 15 May 2009

Seagrass light acclimation: 2-DE protein analysis in *Posidonia* leaves grown in chronic low light conditions

Journal of Experimental Marine Biology and Ecology, In Press, Corrected Proof, Available online 14 May 2009

The co-administration of CpG-ODN influenced protective activity of influenza M2e vaccine

Vaccine, In Press, Uncorrected Proof, Available online 14 May 2009

Structural modifications at the feeding place: Effects of partitions and platforms on feeding and social behaviour of goats

Applied Animal Behaviour Science, In Press, Corrected Proof, Available online 13 May 2009

Protective effect of isorhamnetin 3-O- β -D-

glucopyranoside from *Salicornia herbacea* against oxidation-induced cell damage
Food and Chemical Toxicology, In Press, Accepted Manuscript, Available online 13 May 2009

The *Anopheles gambiae* salivary protein gSG6: An anopheline-specific protein with a blood-feeding role

Insect Biochemistry and Molecular Biology, In Press, Uncorrected Proof, Available online 13 May 2009

Community structure of a southern Chihuahuan Desert grassland under different grazing pressures

South African Journal of Botany, In Press, Corrected Proof, Available online 12 May 2009

A second look into fibre typing – relation to meat quality

Meat Science, In Press, Accepted Manuscript, Available online 10 May 2009

Development of the ovary and ontogeny of mRNA and protein for P450 aromatase (AROM) and estrogen receptors (ER) α and β during early fetal live in cattle

Animal Reproduction Science, In Press, Accepted Manuscript, Available online 9 May 2009

H.A. Garverick, J.L. Juengel, P. Smith, D.A. Heath, M.N. Burkhart, G.A. Perry, M.F. Smith, K.P. McNatty

Enterocin C, a class IIb bacteriocin produced by *E. faecalis* C901, a strain isolated from human colostrum

International Journal of Food Microbiology, In Press, Accepted Manuscript, Available online 9 May 2009

IGA Mission: The IGA promotes goat research and development for the benefit of humankind, to alleviate poverty, to promote prosperity and to improve the quality of life.

IGA Vision: IGA is a global network of people and organizations linking research and production by sharing information, experience, and best practices. IGA advocates socially just, environmentally sound and economically viable goat production. IGA promotes regional activities with a global and diversity perspective.

International Goat Association

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www.iga-goatworld.org

9th European IFSA Symposium, 4-7 July 2010 in Vienna, Austria

Building sustainable rural futures:
The added value of systems
approaches in times of change and
uncertainty

Background:

The events since summer 2008 have shown that systems we once thought behaved in a predictable manner are in fact characterized by non-linearity, uncertainty, and surprise. Research needs to address the interdependencies and the complexity of adaptive systems that characterise the real world. In cooperation with farmers and other stakeholders

of rural areas, the aim is to strengthen society's capacity to cope with and to transform these dynamics. This symposium offers a platform for researchers and practitioners who seek an inter-



and transdisciplinary dialogue that contributes to building sustainable rural futures.

Setup of the Symposium

This first announcement is also the call for workshops. We invite submissions of workshops that address one of the five themes of the symposium. The workshops will be listed on the website from late June 2009. Abstracts for papers can then be submitted to the workshop convenors. During the symposium there will be plenary sessions, workshops with oral and poster presentations as

well as field trips.

Themes

1. Knowledge system, learning and collective action
2. Transition, resilience and adaptive management
3. Energy production, CO2 sink and climate change
4. Sustainable food systems
5. Landscape and rural use

Contact and Website

For all information requests:
ifsa2010@boku.ac.at

For full details on the submission of workshops and abstracts, on the programme, the accommodation and registration, please visit their website: www.ifsa-europe.org

Latest IGA News and Information (continued from page 1)

Projects of the Veterinary Science Library: African Goats

This link is to the University of Pretoria's Veterinary Faculty. The personnel there have gone to a lot of trouble to create a "Goat Page" with specific reference to African goats. We are sure this will be useful to many people in the goat community.

<http://www.ais.up.ac.za/vet/goat/goatweb.htm>

IGA Board Meeting

The first meeting of the IGA Board of Directors since Queretaro is scheduled to take place on August 23, 2009 in Barcelona, Spain. The meeting has

been scheduled to coincide with the EAAP conference which runs from August 24-27. Board members will be contacted directly for further information on timetables, agenda, location, etc.. If you wish to attend please contact us.

Sincerely,

Jean-Paul Dubenf - IGA President