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YEARBOOK



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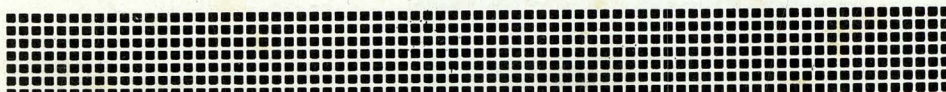


1960

YEARBOOK

**SCHOOL
OF
AGRICULTURE**

AMERICAN UNIVERSITY OF BEIRUT



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ord from the interim 'dean

This Yearbook records and portrays the complementary side of your academic education. Treasure it, for you will turn its pages many a time and each time you will relive this wonderful year of your life.

No one person could have produced this Yearbook. It was the combined efforts of all students and the helpful attitude of teachers that made it possible. I wish to congratulate you all for the wonderful spirit of cooperation exhibited throughout this last year and particularly in preparing this Yearbook. What a fine world ours would be if this true sense of cooperation could be made more widespread.

On your behalf I wish to express our thanks to all firms and businessmen who, having faith in our efforts, have assisted us financially in producing this Yearbook.

This marks the fifth year in which graduates leave this Faculty of Agricultural Sciences. In congratulating our 1960 graduates on the success with which they have completed all their course requirements I wish to sound a note of warning :-

Agriculture in this part of the world, as elsewhere, is an age old mode of life practised and appreciated by man ever since he came upon this earth. Agriculture as a profession - chosen and perfected by men of learning and based on science and logic - is relatively new. Agricultural graduates are not yet as readily acceptable as other professional men. So do not despair. Twenty-five years ago Engineering graduates were hardly sought or recognized in this land of ours that is today so thirsty for them. It takes time to educate people as to the best means of serving their needs. As young graduates, time is on your side. Gradually more people are realizing the importance of scientific Agriculture. Slowly, but surely, an increasing number of land users will be seeking the help and services of those trained in your field.

Being among the pioneers of your profession in this part of the world you have a serious responsibility. You have to convince people through hard work and by the results of your efforts that you are a required pillar in our socio-economic structure. Your attitude, your social consciousness as well as your technical skill should come into play and you should emerge as a well-rounded entity so basic for the development of our society. As an agricultural graduate you are not just another technician, you are a citizen, a social worker, as well as a factor of production. This is one of the main reasons your college curriculum was not only agricultural but included so many courses in the liberal arts and humanities.

The road ahead of you may be rough to start with, but I am sure, that through your efforts and the efforts of those who have led the way ahead of you, you will open up wide, rich expanses full of opportunities for men with your type of training.

The School, with its Faculty and facilities, is always glad to be of service to you. We hope you will feel free to come and discuss matters with us. We will always be anxious to help you out and would be flattered to share in your success. You are our emissaries and we are judged not by what we claim to be or by what we ourselves do but rather by what you do and achieve. So you see we cannot but genuinely be interested in helping you do a good job.

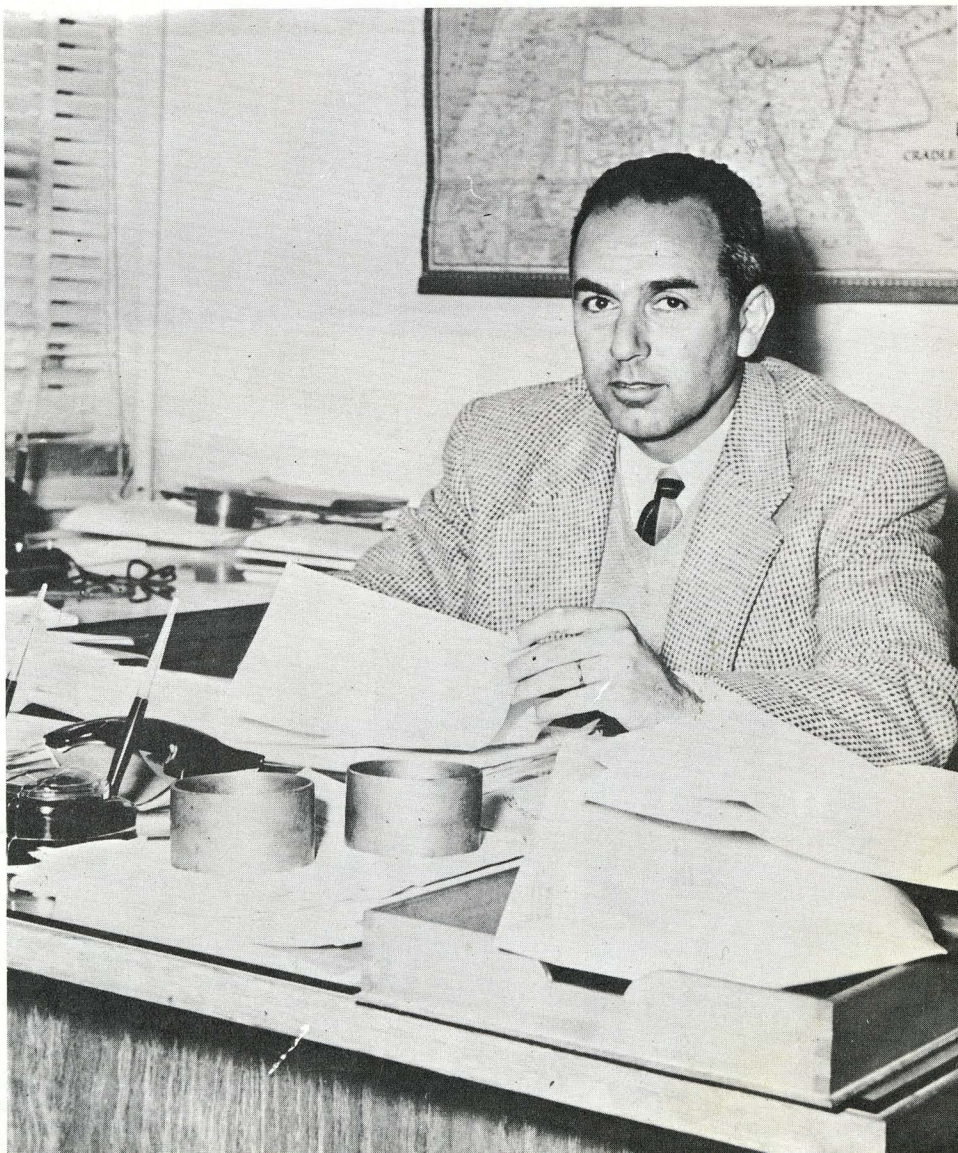
May God bless you and guide your way to ever growing and promising horizons.

Salim Macksoud.

Salim Macksoud
Interim Dean

dedicated to

Salim W. Macksoud
a scholar,
research worker,
teacher and administrator
the epitome of hard work
and resourcefulness



Interim Dean
Salim Macksoud

After a lapse of two years,
the Aggies have again rallied their ranks
and after a great deal of sweat
and elbow grease,
have come up with this yearbook which,
in essence, signifies the "unwiltable" Aggie spirit
and utterly unselfish cooperation
of all the Agriculture Faculty.

This, then, is the record, social and otherwise,
of a big happy family.

It is a yearbook for you and for me
something that we hope we will all be able to
look through in the years to come
with nostalgia and faint pangs
of sorrow for the days we spent together.

To those who helped
make this yearbook a success,
we offer it as an expression
of our appreciation and thanks.

Any credit forthcoming
is the fruit of their labour.

Rohil Nana
Editor

Dedication
Editorial
Word from the Dean
Tribute to Samuel W. Edgecombe
Administration
Division of the Faculty
Graduates
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President
J. Paul Leonard



W

ord from the dean

Thirty years of professional work in the agricultural sciences has instilled in me certain knowledge which I cherish and know to be true. I would like to pass it on to you.

In contemplating your future in the fields of agriculture and its related sciences there are two very important facts to bear in mind. These facts may not become apparent to you for some time. Therefore, I would like to call them to your attention now so that you might develop an early awareness of them. You will find that this awareness will be a frequent solace throughout your professional life.

First, you will gradually come to realize that few people ever enjoy the opportunity of working as close to God as you will work. This fact alone should develop in you that air of dignity and humility that is so common to the profession. From this should stem a great pride in your profession.

Secondly, it should be remembered that many of the great thoughts and actions that have spelled progress in the world have stemmed from agrarian minds. You will find that perhaps one reason for this is that most men think best when they have time and place to think away from noise and distraction. It follows that most of your best thoughts will develop in the field. The ability to recognize which of these thoughts are original will usually decide your degree of success in your profession.

May the association which we have developed continue and may your pride in A. U. B. never cease.

Robert A. Nichols

Dr. Robert A. Nichols, Dean
Faculty of Agricultural Sciences



We welcome our new Dean
Dr. Robert Nichols
into our Aggie family at AUB.
We know that his past
was marked and distinguished,
and we hope
his stay among us
will be long and enjoyable
as well as enlightening . . .

Dr. Robert A. Nichols

T**tribute to****Samuel W. Edgecombe****by president Leonard**

When the decision was made by the Board of Trustees of the American University of Beirut to open a school of Agriculture, a nation wide search was conducted to find the right person for the position. The Board was so impressed by his accomplishments that they invited Dr. Edgecombe to become the first Dean of the Faculty of Agricultural Sciences and he arrived in Beirut with his family on August 1, 1952. This position he held until the time of his death. During the period of service of Dr. Costi Zurayk as Acting President and during the first year of the present administration, Dean Edgecombe also acted as Provost for the University, a position of great importance which he carried with distinction, and I personally owe him a great debt of gratitude for he was a warm friend as well as a colleague.

Dean Edgecombe gathered around him a faculty of strength, added the University Farm to the facilities of the School, built a program of instruction and spread his influence throughout the entire Middle East. The present quality and success of the Faculty of Agricultural Sciences is a monument to his dreams, his personality, and his quality of mind, as he led a devoted staff toward the common goals of better agriculture for the Middle East. He was ever active in finding employment for his boys who graduated in Agriculture, and gave much thought to relating the program of the Farm to the improvement of village life in the Beka'a Valley.

Dean Edgecombe stood tall within the University family. Subtly, but with strength he combined scholarship, administrative skill, and vision, but he added to it a love for youth and for everything that grows. He had faith in Lebanon, in the Middle East, and in the University. As such, he represented the qualities which AUB seeks in its staff, and for these characteristics we admired him.

There is a thin veil between reality and memory, and he stepped through this veil on Thursday. He had vision but he knew the difficulty of the upward climb. He had scholarship but he knew it must be applied. He had courage but he knew it must be adapted to human frailties. He had zeal, but he knew it must be tempered to those who did not understand. To him, agriculture was not merely a field of study; it was a resource for the improvement of human life.

While he now rests in peace the power of his faith in knowledge and in the education of youth will guide us to mold our own confidence anew. May the tears we shed today water his dreams of the future for the University and the land he had grown to love.



●
Dr. Samuel W. Edgecombe

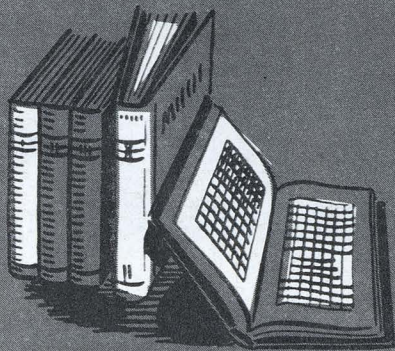
First Dean of the Faculty of Agricultural Sciences

1907 - 59

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administration



Vernon C. Larson

Executive Officer - B.S. Agricultural Education, 1947; M.S. Dairy Production 1950; Doctor of Education, Administrative and Educational Services 1955, Michigan State University; Navigator, U.S. Air Force 1942-1946; Instructor in Dairying, and Resident Manager of Short Course Dormitories, Michigan State University 1947-1950; Assistant Professor, Short Course Department 1950-1955; Made national study (including Canada and Europe) of the non-degree program in Agriculture; Assistant to the Dean of Agriculture 1955-1959, Michigan State University. Responsible for recruitment, counseling and placement of undergraduate students, Agriculture School A. U. B.



Yusuf K. Khashadurian

Farm Superintendent - Fumigation Inspector, Department of Agriculture and Forests, 1932-1935; Fruit Inspector and Citrus Fruits Specialist, Horticultural Division, Department of Agriculture and Forests 1936-1946; Government Supervisor in Citriculture - Citrus Control Board, 1947-1948; Area Office, United Nations for P.R., 1949-1953, Joined Agriculture School in February 1953.

Edward Kassar

Farm Accountant





Hilda Moadie
Office Manager



Celly Arnaud
Secretary



Jeanette Sakhnini
Secretary



Souad Nujaim
Secretary

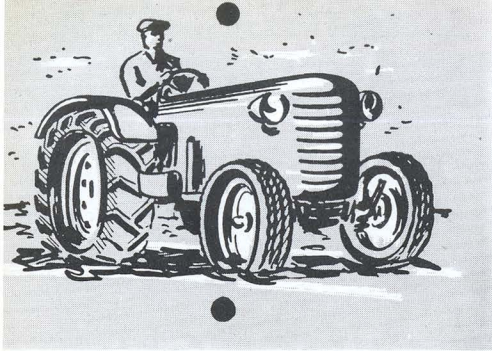


Irene Guzumian
Librarian

divisions

of the

faculty



agricultural engineering

This Division covers the fields of Irrigation Sciences, Farm Machinery and Power, Surveying and Farm Structures.

Regular undergraduate or special technical courses are offered in all the above fields.

Apart from their teaching, the men of the division, have undertaken research projects that include amongst them the following :

Studies on Irrigation Field Application Efficiencies

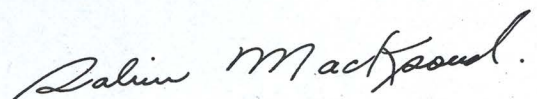
Studies on Seasonal Water Requirements for Various Crops.

A Study on the Relation between Yield and Soil Moisture Tension.

A Study on the Comparative Advantages of Various Farm Implements.

A project concerned with Introducing and Testing Small Implements for Farm Operations.

Furthermore, the Division is responsible for the maintenance of all the Farm developments and equipment - tractors, farm implements, power generators, steam plant, water supply and treatment installations, roads, and all buildings. All construction work and all new installations are designed by men of this division who also supervise and plan the actual construction once their projects are approved by the University Buildings and Grounds Department.



Salim Macksoud.

Salim Macksoud, Head
Division of Agricultural Engineering



Salim W. Macksoud

Associate Professor of Irrigation, Head, Division of Agricultural Engineering since 1952- B.A. Civil Engineering, 1940, A.U.B., private practice, 1940 - 41; Chief Inspector of local resources for the British Army, 1940 - 44; B.Sc. Civil Engineering, 1945, A.U.B., graduate work in Irrigation and Agriculture at the University of California, 1945 - 47; appointed Director of Farm Management Section at A.U.B., 1947 - 49; Assistant Professor at the School of Engineering, A.U.B., 1949 - 51; giving courses in Irrigation, Hydraulics, and Surveying; Acting - Director of the School of Agriculture, 1951 - 52; Master of Engineering, 1954, University of California; served as Assistant to the Dean of the School of Agriculture until July 1956; has done consulting and design work on several Irrigation and Agricultural Engineering projects in Jordan, Syria and Lebanon; served as Consultant to the Litani River Authority on problems of irrigation and water distribution, Member, Lebanese Order of Civil Engineers, Lebanon Fruit Board, & Middle East Relief Association. Interim Dean of the Faculty of Agricultural Sciences June 1959 - April 1960

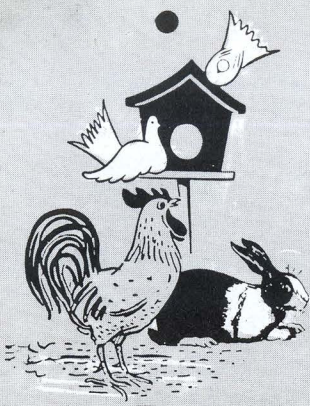
Nicolas J. Atallah

Instructor of Agricultural Engineering - B.Sc. Agriculture and Ingenieur Agricole, A.U.B., 1956; Acting Farm manager, University Farm, A.U.B. 1956; Assistant Instructor in Irrigation. 1957 - 58; M.S. Irrigation. University of California, 1959. Research on soil water studies in Jordan. Associate member, Society of Sigma Xi (California).



Bassam F. Kaddurah

Assistant Instructor of Agricultural Engineering- B.Sc. Agriculture and Ingenieur Agricole, A.U.B. 1959.



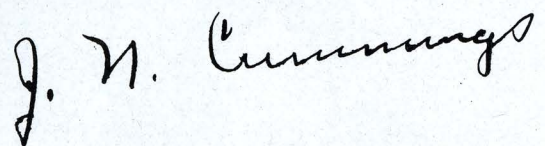
animal science division

The activities of the division of animal science include all phases of cattle, sheep and poultry production. Improvement of these industries in the Middle East is the goal, met through student training in the fundamentals of livestock production and research directed toward solving problems peculiar to the area.

The separate fields of special interest among the four staff members are animal breeding, animal nutrition, livestock diseases, and poultry production. This provides an excellent balance of specialties for a complete program. Regular undergraduate programs, graduate training and special technical courses are given in the above fields.

A Veterinary Research Laboratory and a Nutrition Research Laboratory are maintained on the Beirut Campus. Cattle, sheep, and poultry units are maintained at A.U.B. Farm in the Bekaa Valley for teaching and research purposes. Assistance in local problems is rendered by all the staff to farmers within the Area. Also, surplus breeding stock from the herds and flocks are being distributed at reasonable prices within the area for the general improvement of the livestock presently used.

Research is being conducted in breeding of dual purpose cattle, feeding of cattle for beef, feeding of dairy cattle, calf raising, basic animal nutrition, nutritive content of locally available feeds, breeding and improvement of sheep, lamb feeding, poultry nutrition, poultry management and testing. All research activities are also used for student training both on the undergraduate and graduate levels.



J. N. Cummings

JOHN N. CUMMINGS
Head, Animal Science Division

John N. Cummings

Professor and Head of the Animal Science Division - B.S. in Animal Husbandry from Montana State College, 1938; M.S. in Animal Husbandry from Montana State College, 1939; Ph.D. in Animal Breeding from the University of Minnesota, 1948; Instructor and Assistant in Animal Husbandry at Montana State College, 1939 - 41; Research Assistant in Animal Husbandry at the University of Minnesota, 1941 - 42; Superintendent of the Jack & Jennet Breeding Farm at the University of Tennessee, 1942 - 45; Instructor and Research Fellow in Animal Husbandry at the University of Minnesota, 1945-48; Associate Professor of Animal Breeding at the University of Minnesota 1949 - 59; Associated with the Medical School of the University of Minnesota, 1952 - 58. Joined the School of Agriculture in 1959. Special interests-Animal Breeding, Cattle and Sheep. Production under Middle East Conditions, and Processing of Meats.



Raino K. Lanson

Associate Professor of Poultry Science-B.V.A., 1942, University of Massachusetts - Poultry Science with minor in Animal Science; M.S. 1946, University of Massachusetts, Agricultural Education and minor in Poultry Science; Ph. D. 1959, Rutgers University - Poultry Science and minor in Zoology and Biochemistry; 1942 - 48, Instructor in Poultry and Animal Husbandry in secondary schools of Vermont and Massachusetts; 1949 - 53 - 57 - 58, Research Fellow in Poultry Science at Rutgers University; 1953 - 57 - 58 - 59, Assistant Professor and Assistant Poultry Scientist, University of Maine. Joined School of Agriculture in 1959. Conducting research studies in Poultry Management, Nutrition, Genetics, and Physiology. Cooperating with the Rural Improvement Division in conducting an adult educational program in poultry husbandry. Member of Poultry Science Association, World's Poultry Science Association, American Institute of Biological Sciences, Sigma -Xi and Phi-Kappa-phi.

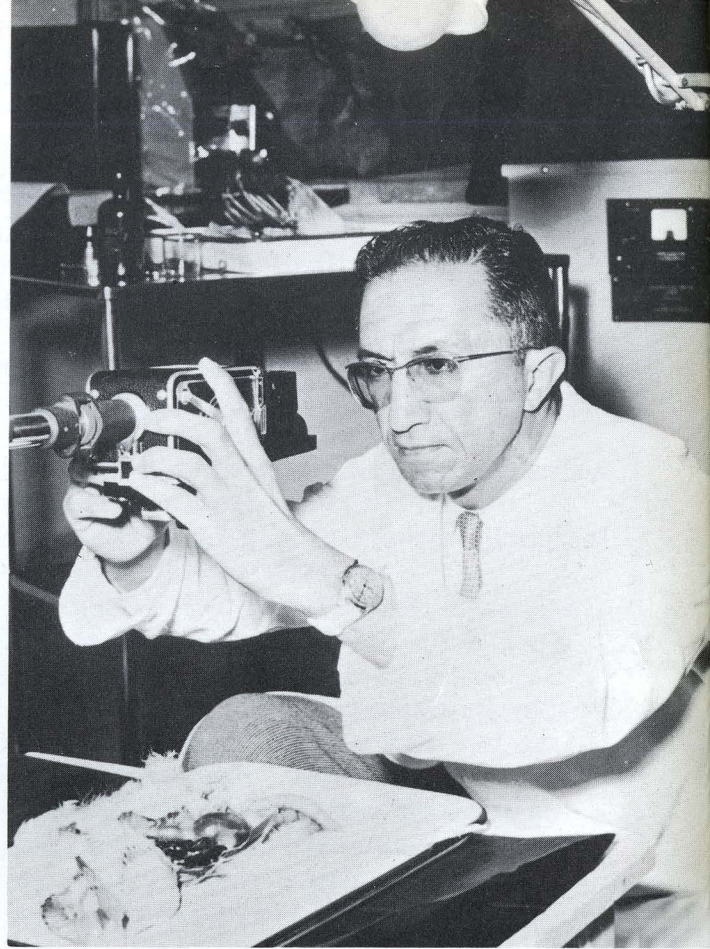


Dr. Joseph A. Asmar

Assistant Professor of Veterinary Science -
Doctor of Veterinary Medicine,
Ecole Nationale Vétérinaire de Lyon, 1942;
post graduate training in Bacteriology at
Institut Pasteur, 1945 - 47;

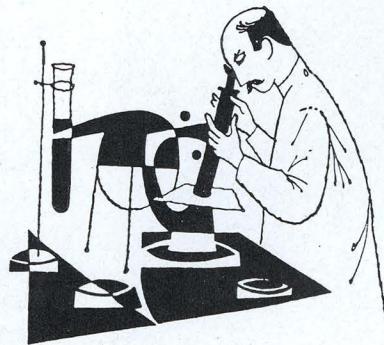
Head, Diagnostic Veterinary Laboratory,
Ministry of Agriculture, Lebanon, 1947 - 53;
Head, Department of Animal Resources,
Ministry of Agriculture, 1953 - 55;
joined the School of Agriculture in 1955.

Previous and current research includes:
Diagnosis of Animal Diseases in Lebanon,
Milk Sanitation and its Problems in Lebanon,
Survey of Leptospira Infections in Man
and Animals, Observation and Study of the
Pathology of the Myocardium and Endocardium
in various Classes of Livestock
(in cooperation with the Pathology Department,
School of Medicine, A.U.B.)



Ramsay Khouri

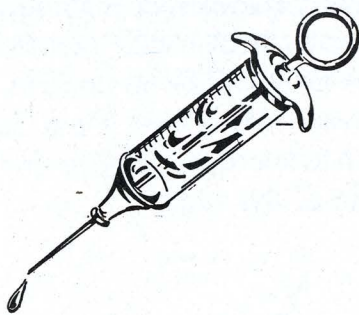
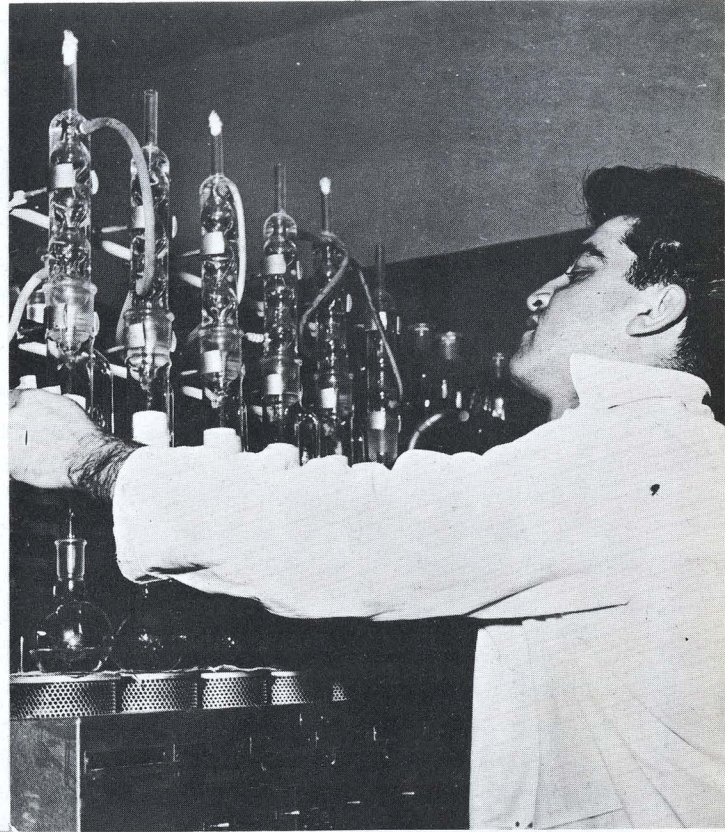
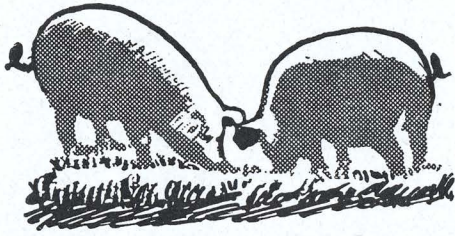
Assistant Professor of Animal Science - B.A.,
A.U.B., 1951; B.S., A.U.B. 1953;
Research Analyst, School of Agriculture,
A.U.B. 1953 - 55; M.Sc., University of Wisconsin,
1956. Teaching, research and consultant in
Animal Nutrition, Animal Feeding and Dairy
Husbandry.



Garo H. Oshagan

Animal Nutrition Laboratory Technician - B.Sc. in Chemistry, A.U.B., 1959; joined the School of Agriculture in 1959.

Currently conducting analysis on many local feeds and research on vitamin A and carotenoids.

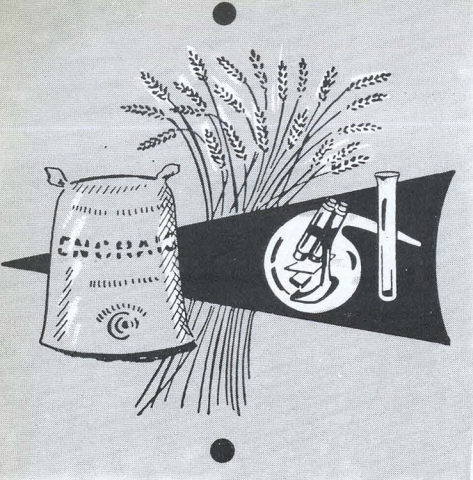


Mrs. Sonia S. Apelian

Veterinary Science Assistant-graduate of the School of Public Health, A.U.B., 1955.

Currently working on field and laboratory investigations of animal and poultry diseases.





crop production division

Crop production is the branch of agriculture that deals with the principles and practices of efficient soil management and the growing of crops. It involves the application of the plant, soil and related sciences to the improvement, production and use of fruits, vegetables and crops.

Agronomist, horticulturist and soil scientist are responsible for the teaching and research conducted in this division. Experiments are conducted both in the field and in the laboratory. These provide practical experience to the students and the current and local data that is the foundation of our instruction program.

Field experiments, laboratory research and special activities like the School of Agriculture 1960 Yearbook, provide an inspiring environment where students and staff grow and develop to their fullest capacity. Under such conditions men develop the vision and desire to undertake an analysis of local agricultural problems and devise solutions for them. Such men working together can do much to improve, stabilize and increase the agricultural production of this region.

W. W. Worzella

W. W. Worzella, Head
Crop Production Division



Wallace W. Worzella

Prof. & Head of Crop Production Division. & in charge of Plant Science Division - B.Sc. Crop Production, Wisconsin University 1929; Ph. D. on "Winter Hardiness & Quality in Wheat", 1934, Purdue University; Worked at Purdue University 1929-34.

Head of Agronomy Dept. South Dakota State College", 1943 - 58; Published more than 40 scientific articles - mainly on Inheritance Studies on Wheat, Weeding Work on Wheat & Forages, Pasture Investigation. Joined A.U.B. in 1959, Now working on Plant Breeding in Wheat and Barely, Testing of Field Crops Adaptability to the Middle East. Cultural studies.

H. Dale Fuehring

Assistant Professor of Soils - B.S. in Agriculture, University of Nebraska, 1948; M.S. in Soils University of Nebraska, 1949; Farming 1950 - 56; Instructor of Soils, University of Nebraska, 1956 - 59; P.h.D. in Soil Fertility, University of Nebraska, 1959. Joined School of Agriculture, A.U.B. in 1959. Carrying on research on Soils and Fertilizers. Member of Sigma Xi.



Ramzi M. Khalidy

Assistant Professor of Subtropical Horticulture - B.A., A.U.B., 1953; M.S. Horticulture. Utah State University, 1954; Ph.D., Horticulture, University of California, 1957.

Joined School of Agriculture, Sept. 1957.

Doing Research on Rootstock and Nutritional Studies on Fruits Trees. Member of the Society of Sigma Xi; member of Alpha Zeta.



Antoine H. Sayegh

Instructor of Soils & Chairman of the Athletic Committee-B.Sc. in Chemistry, minor Agriculture, 1953 A.U.B.; M.Sc. in Soils, Oregon State College, 1957; Soil Analyst & Assist Instructor at the School of Agriculture, 1956 - 57.

Works in cooperation with Dr. Fuehring on Fertility Plots & Effect of NPK on Crop Yields, Chemical & Physical Properties of Lebanese Soils and Correlation of Field & Laboratory Studies.

Studying in cooperation with the Division of Agr. Eng. The Effect of Management Practices and Irrigation Water on Sodic and Saline Soils in the South Western Ghor region "

Member of Sigma Xi Society and Phi Sigma Society.

Kamal F. Daouk

Instructor of Horticulture - B.Sc. Agriculture and Ingenieur Agricole, A.U.B, 1956;

M.S. Horticulture-Entomology, A.U.B., 1958; Assistant Instructor in Horticulture A.U.B., 1956 - 58 (part time); went in Fall 1958 to the East Malling

Research Station (Kent, England) for training in Horticulture (scion-rootstock interaction in apples). Joined A.U.B. Feb. 1959 as Instructor in Horticulture Teaching and research trials on commercial varieties of deciduous pomology and vegetable crops. Plans to leave for the U.S.A. for advanced studies in horticulture.



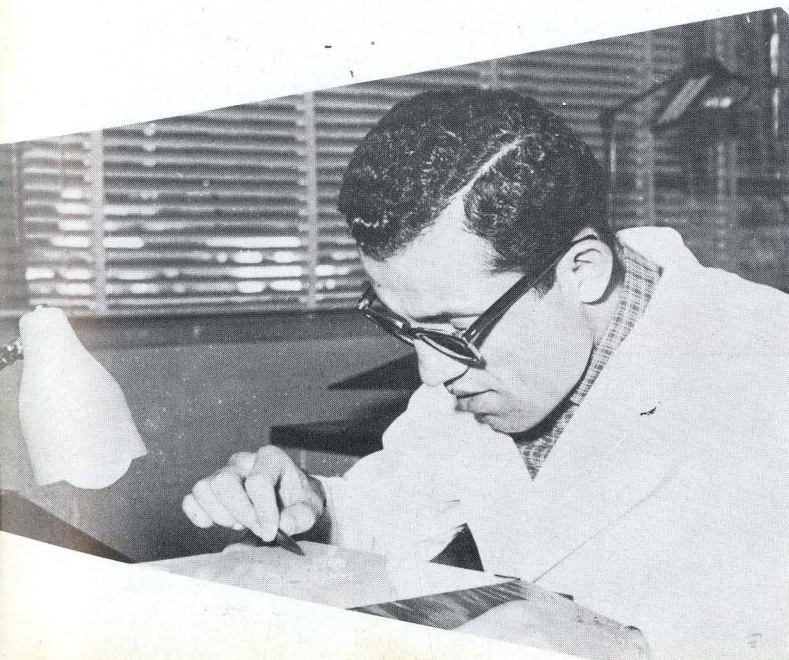


Salah Abu Shakra

Instructor of Agronomy - B.S. Agriculture, Ingenieur Agricole, A.U.B. 1957; Part-time Assistant Instructor of Seed Technology, School of Agriculture, A.U.B. 1957 - 59; M.S. Seed Technology A.U.B. 1959. Doing research work in conjunction with Dr. W.W. Worzella on Seed Multiplication and Increase, Yield and Adaptation of Grasses & Legumes, and Breeding of Superior Wheat and Barley Varieties.

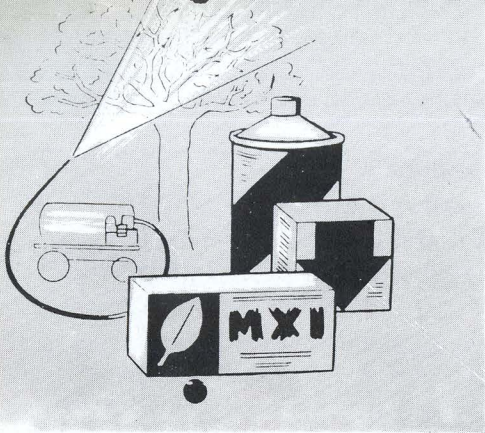
Yunan M. Badawi

Assistant Instructor of Agronomy - B.Sc. in Agriculture and Ingenieur Agricole, A.U.B. 1959. Assisting research work in Agronomy.



Sami I. Mousa

Assistant Instructor of Seed Technology - B.Sc. Agriculture, Ingenieur Agricole, 1955 A.U.B., Assisting in research projects as "Survey of Barley and Wheat Crops in Lebanon as to Diseases, Quality of Seeds and Yield".

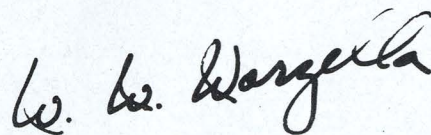


plant science division

The division of plant science includes the fields of plant pathology, entomology, seed technology and food technology. It is dedicated to the improvement of the quality of fruits, vegetables and crops and their protection against the hazards that reduce their normal development. Student participation in these research activities forms the basis of instruction in this division.

Twenty courses that include training at the undergraduate and graduate levels are offered in these sciences. Visiting professors are added periodically to the staff and others are on leaves of absence working towards their Ph. D. degree to maintain a high standard of instruction and research. Teachers in these sciences try to impart knowledge in a manner that the student can understand it, like it, and make it a part of his fund of knowledge. The ability of a student to think problems through and to draw his own conclusions is the objective of every staff member.

The School of Agriculture 1960 Yearbook illustrates the success that can be attained when all agricultural students cooperate as a team. This spirit of cooperation will do much to help solve the many agricultural problems in the Middle Eastern countries. The success of A.U.B. graduates in improving agricultural practices in these countries leads us to believe that we can also count on you.



W. W. Worzella

W. W. Worzella, Acting Head
Plant Science Division



Paul Neergaard

Visiting Professor of Plant Pathology and Seed Technology - B.Sc. Hort. 1932, Lic. Agro. (M.Sc. Agr.) 1935; Dr. Agro. (conferred *jus docendi*) 1945; Royal Veterinary & Agricultural College, Copenhagen; Director of the Phytopathological Laboratory of J. E. Ohlsens Enke, Copenhagen, 1935 - 50; Resident Doctor, Cornell University, N.Y., 1946 - 47; Research Fellow (investigations on bio-assay of fungicides) 1948 - 51; Head of Department at the Government Plant Protection Service, Ministry of Agriculture, Copenhagen, from 1952; founder and for some years secretary of the Society of Danish Licentiaetae agronomiae; member, from 1953, and chairman, from 1956, the Committee on Plant Diseases of the International Seed Testing Association, and chairman of the International Conferences on Seed Pathology in Cambridge 1958, Edinburgh 1959 and Beirut 1960; member of the Committee on International Cooperation of the American Phytopathological Society from 1958; member of the Academy of Esperanto. Research in the fields of Plant Pathology, Mycology, Seed Technology and Sterile Plant Tissue Culturing Technique. Published about 100 papers and books, some of them in several languages one of them being a monograph on the important Plant Parasitic Fungous Genera *Alternaria* and *Stemphylium*; editor of a number of Danish horticultural manuals.

Mrs. S. W. Edgecombe

Assistant Professor of Taxonomy (half - time in Agr., half - time in Biology) - B.Sc. Biology 1929, Virginia Polytechnic Institute; M.Sc. Plant Ecology, 1932, Iowa State College, Published "An Ecological Study of Plants in Montgomery County, Virginia". "Some Major Weeds of the North Beka'a, Lebanon" Continuing research of weed plants in the Beka'a Valley, collecting material for another illustrated weed manual; curator of the Post herbarium, also in charge of an herbarium for the School of Agriculture, and one for the A.U.B. Farm.



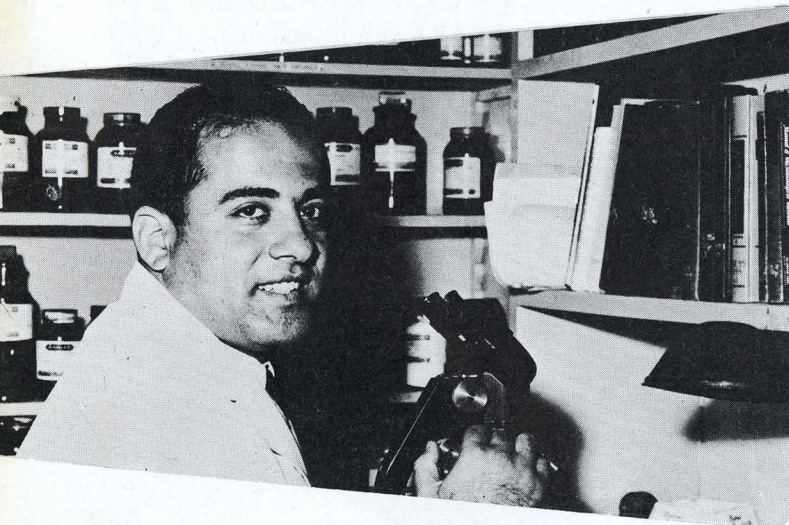


Zakaria I. Sabry

Assistant Professor of Food Technology - B.Sc. in Food Technology and Dairy Industries, Ain - Shamse University, 1952; M.S. in Food Technology, University of Massachusetts, 1954; Ph. D. in Agricultural and Biological Chemistry, Pennsylvania State University, 1957, Joined School of Agriculture in 1957. Interested in biochemical studies on Middle Eastern foods as well as local methods of food processing.

Abdul - Mun'im S. Talhouk

Assistant Professor of Entomology - B.A. Biology and minor Chemistry, 1948, A.U.B.; Agriculture Advisor for the Near East Foundation, 1948; worked in the Syrian Ministry of Agriculture as Expert Entomologist, 1949 - 53; joined the School of Agriculture, 1953; M.Sc. Biology, 1956, A.U.B. Agricultural Expert with Aramco. Saudi Arabia 1957; worked on the identification of several insect pests and diseases in the eastern province of Saudi Arabia; currently working on his Ph. D., in Munich, Germany; published literature extensively on Entomological problems of the Middle East.

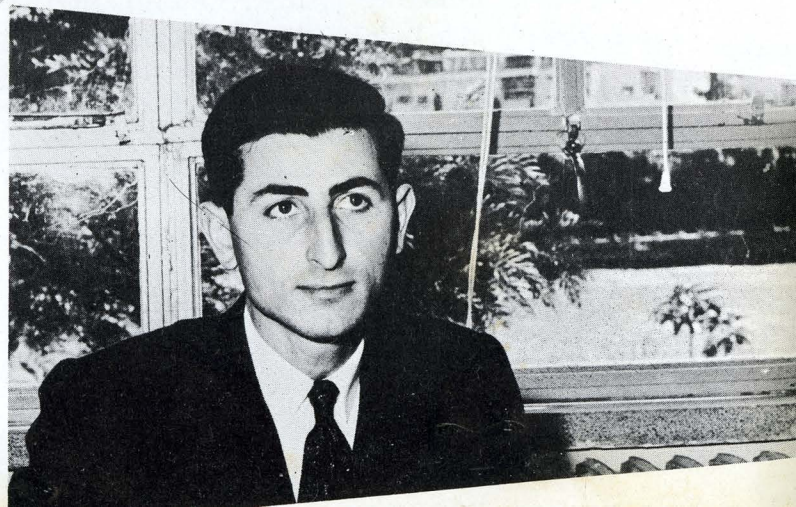


Adib T. Saad

Instructor of Plant Pathology - B.Sc. Agriculture and Ingenieur Agricole, A.U.B. 1957; Assistant Instructor in Plant Pathology (part-time), A.U.B. 1957 - 59, M.Sc. in Plant Pathology - Entomology, A.U.B. 1959; Research work on Fungicidal Control of Fusicladium eriobotyae in Lebanon and on a "Plant Disease Survey of Lebanon".

Nasri S. Kawar

Instructor of Entomology - B.Sc. in Agriculture, Ingenieur Agricole, 1956, A.U.B.; Assistant Instructor in Entomology, 1956 - 58; M.Sc. in Entomology, 1958, A.U.B.; Agricultural Consultant to the Albert Abela Firm, 1959; rejoined the School of Agriculture, July 1959. Currently working on several pest control projects.





rural improvement division

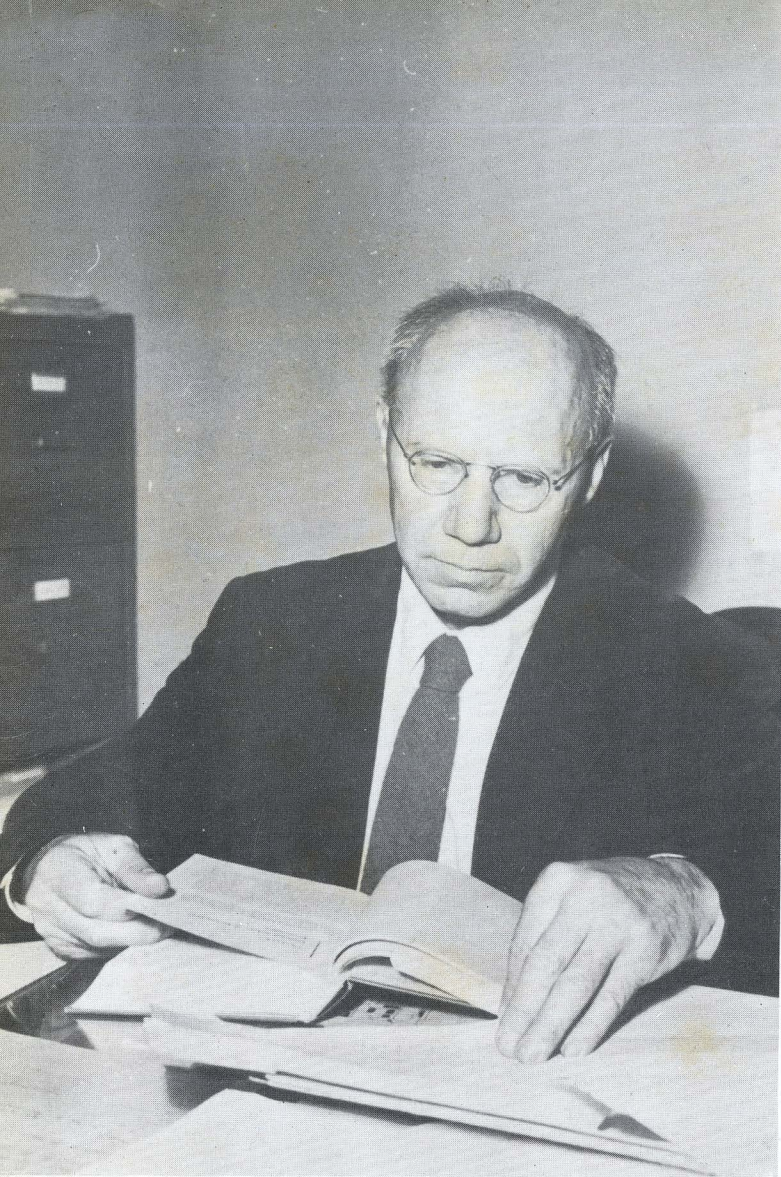
The Rural Improvement Division is concerned with agricultural development, expansion of farm output, increasing farm income, and improvement of farm family living. Its purpose is to participate in training students who will take an active part in fostering the advance of agriculture and elevation of the living of rural people in Lebanon and the other countries of the Middle East. Its activities in research and extension are designed to contribute toward this end.

The Rural Improvement Division includes the fields of agricultural economics, agricultural extension, and rural sociology. In addition to resident teaching of courses in these fields, research is conducted in production economics, farm management, marketing farm products, and rural sociology. A pilot program in extension is conducted in villages around the A.U.B. Farm in the Bekaa to develop effective methods of teaching farmers improved production practices and serve as a demonstration to students of how the findings of scientific research concerning crop, animal, and poultry production can be carried to farmers and how the problems on which farmers need help can be brought to the attention of specialists engaged in research to find the solutions.

Research studies are under way concerning the production and marketing of milk in the village of Anjar, input-output relations in the commercial production of crops, milk, meat and eggs at the A.U.B. Farm, the production and marketing of eggs and broilers in the Bekaa, and the attitudes of farmers in the Bekaa toward various aspects of rural improvement including mutual aid projects for improving village life. A report on the Anjar milk study is to be published in June 1960.

Gordon H. Ward

Gordon H. Ward, Head,
Rural Improvement Division



Gordon H. Ward

Professor of Agricultural Economics and Head, Division of Rural Improvement - B.S. in Agriculture, Massachusetts Agricultural College, 1925; M.A. in Agricultural Economics, University of Minnesota, 1926; Ph.D. in Agricultural Economics, University of Minnesota, 1930; Research Assistant, University of Minnesota, 1925 - 26, Research Statistician, Pacific Egg Producers Cooperative, 1926 - 29, and Head, Division of Information, 1927 - 29, New York City; Fellow, Social Science Research Council, University of Minnesota, 1929 - 30; Extension Agricultural Economist, Virginia Polytechnic Institute, 1930 - 49; Professorial Lecturer on Marketing and Cooperatives 1936 - 45; Agricultural Economist in charge of the Agricultural Cooperative Program for the Allied Occupation in Japan, 1949 - 51; F.A.C. Advisor to the Ministry of Cooperatives of Thailand, 1952- 54; F.A.O. Advisor to the Extension Service of the Ministry of Agriculture of Egypt and Calioub Demonstration and Training Center, 1954 - 56; Joined Agriculture School, A.U.B., Sept. 1957. Research includes Income vs Costs of Producing Milk, Beef, Sheep, Eggs and Poultry Meat, Barley, and Forage Crops on the A.U.B. Farm, An Economic Study of the Production and Marketing of Fluid Milk in the Anjar Community in the Bekaa; Also an Economic Study of the Production and Marketing of Eggs and Poultry.

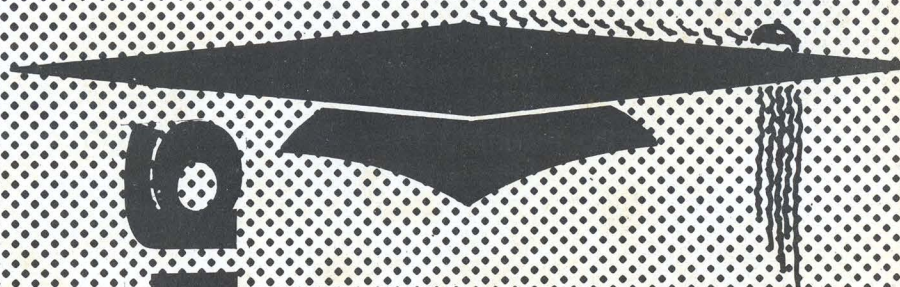
George C. Fetter

Associate Professor of Rural Improvement - B.A. Hamilton College 1943 - in Psychology; Worked as a Commander of "Motor Torpedo" during World War II in South Pacific; M.A. in Psychology, 1947, Cornell College; Ph. D. in Sociology in 1950, The thesis was on "Social Participation in Rural New State Communities" Professor of Sociology & Dean of Men, Linfield College in Oregon 1950 - 1955 Professor of Sociology & Anthropology at Central Washington College, 1958, Joined A.U.B. 1958, Chairman Dept. of Sociology & Anthropology.

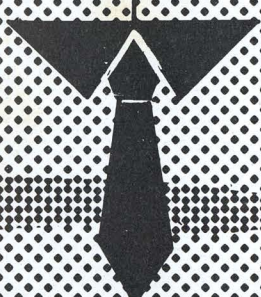
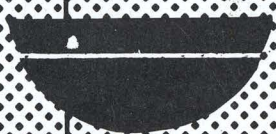
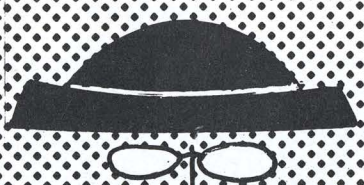


Amin A. Hijazi

Assistant Instructor, Rural Improvement Division (Extension Agent) - B.Sc. Agriculture and Ingenieur Agricole, A.U.B. 1958; appointed Extension Agent Sept. 1958; expects to do graduate work in Agricultural Economics next year at A.U.B.

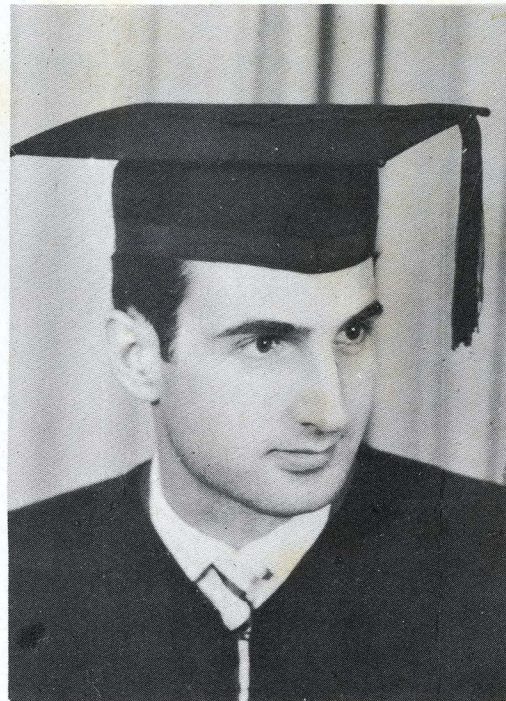


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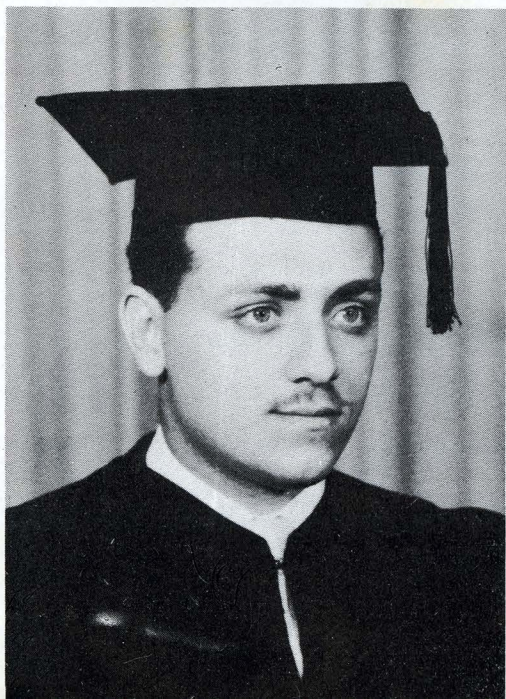




Hisham M. Awartani
Anabta, Jordan
Football Capt. Major League
Ping - pong Champoin, 1959
Poultry and Animal Husbandry

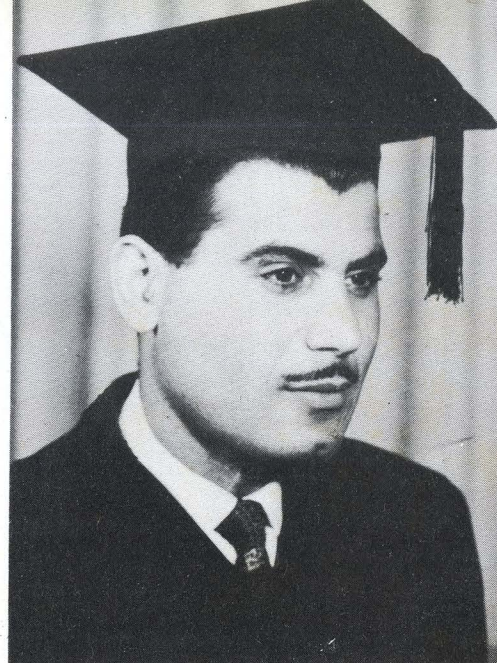


George E. Battikha
Aleppo, Syria
Yearbook Committee
Basketball, Volleyball, Track & Field
Floriculture and Horticulture



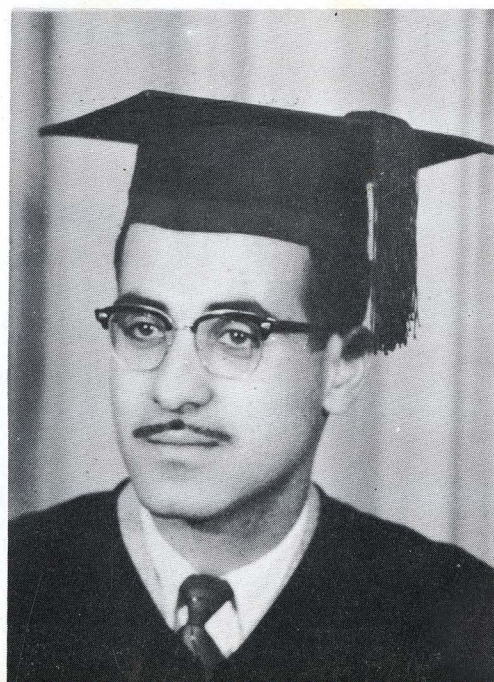
Elias I. Hatoum
Haifa, Palestine
Volleyball, Basketball
Yearbook Committee
Beef Production

Abdallah M. Isa
Bassa, Palestine
Vegetables

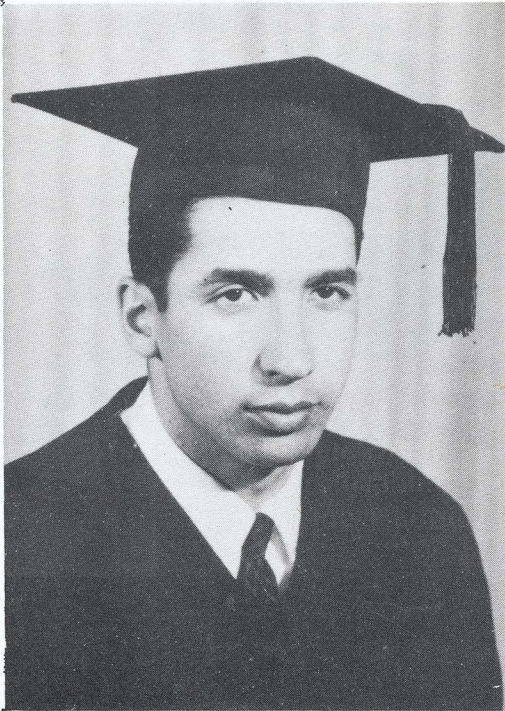
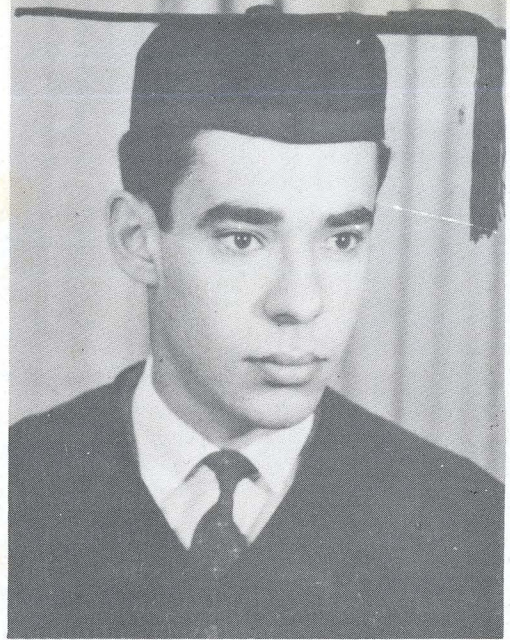


George N. Ma'aluf
Kfarakab, Lebanon
Tennis
Plant Pathology

Shawki S. Masri
Salima, Lebanon
Volleyball
Animal Husbandry, Poultry



Mikhail E. Nasrallah
Kfermishky, Lebanon
SAS Cabinet member
Yearbook Committee
Softball, Photography Club
Plant Breeding

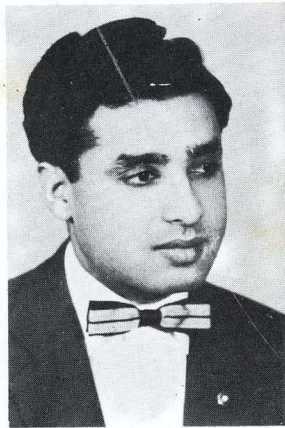


Ali E. Shahroody
Tehran - Iran
SAS Cabinet Member
Yearbook Committee
Softball, Basketball,
Archery, Skiing
Soils, Irrigation

John D. Yousef
Jerusalem, Palestine
SAS President
Outlook Editorial Board
Yearbook Committee
A.U.B. Chamber Choir
Softball, Football
Animal Husbandry, Dairy



class of 1961



Aazami, Mohammed



Abu - Hammad, Abdallah



Andrawus, Laurent



Arif, Arif



Baldu, Muhammed



Ghandur, Ibrahim

- Ghörbän, Kambiz



Hajj, Raja



Hakim, Mohammed Anwar

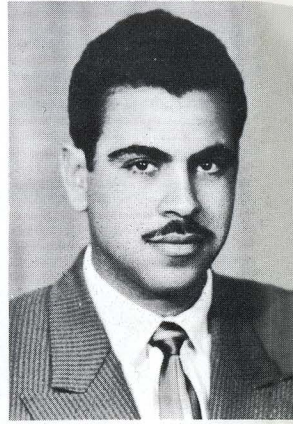


class of 1961 cont.

Hashimi, Mir Ali Akbar



Katanani, Ahmad



Koukoulakis, Prodromos



Mahbub - al - Alam, M



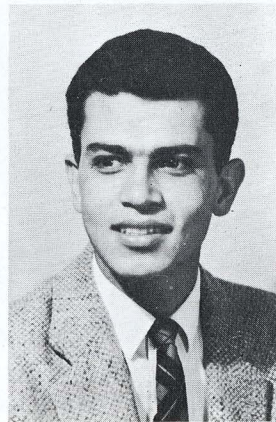
Mahmoud, Kamal



Saad Akrabawi, Salim



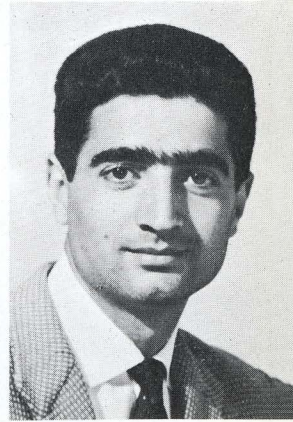
Sheikh - ol - Eslami, Bahman



Sinnu, Ubaydah



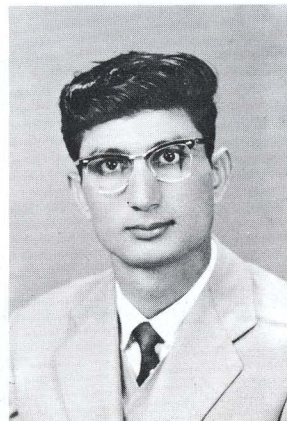
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Khan, Mashal



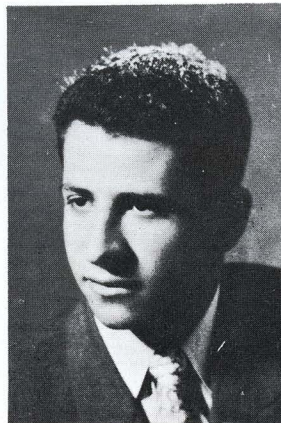
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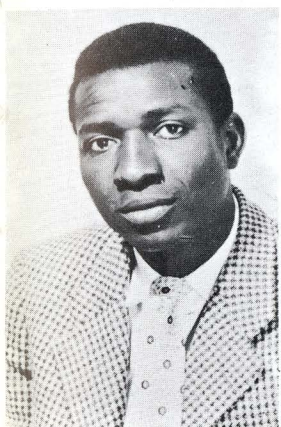
Kharrat, Antoine



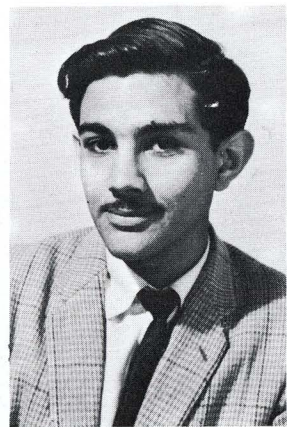
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Malik, Muhammed



Nana, Rohil



Nasr, Hikmat



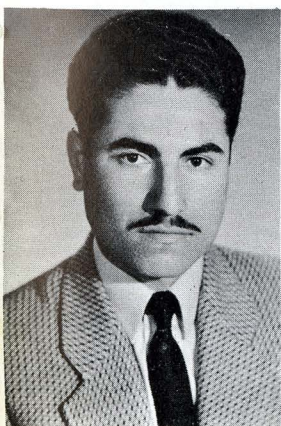
Rashdan, Mahmud



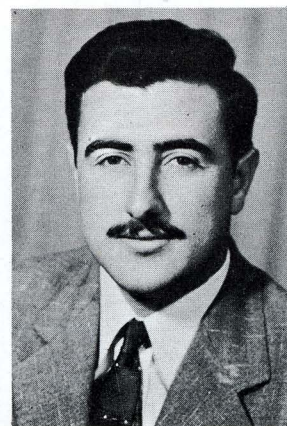
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Suwwan, Muhammed



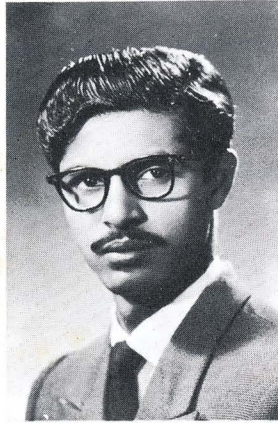
Tareef, Mansour



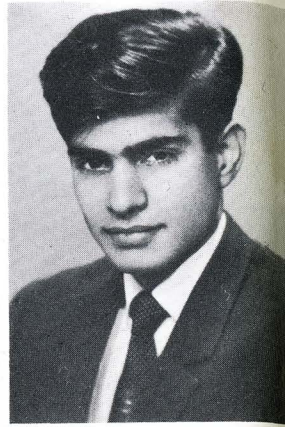
Ahmad, Abdul - Jalil



Ahmed Shafiuddin



Ahmed, Syed Bashiruddin



class of 1962

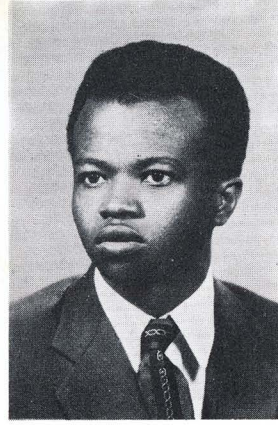
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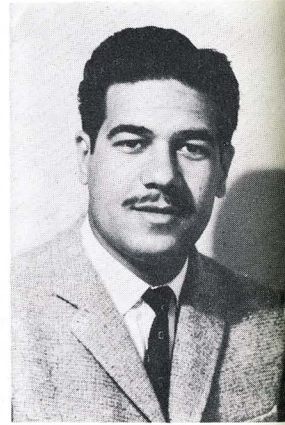
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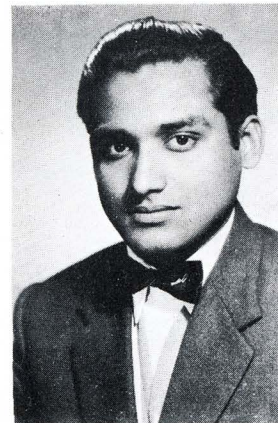
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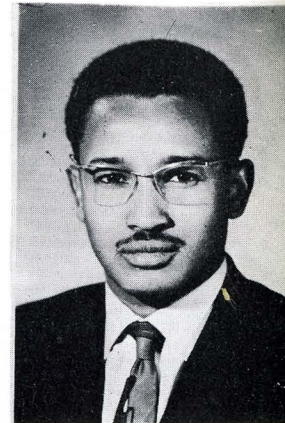
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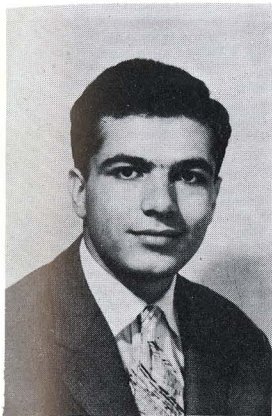
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Mirah, Hasan



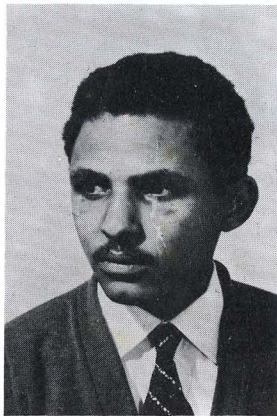
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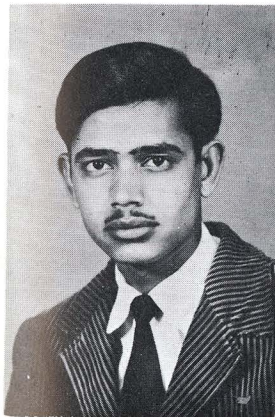
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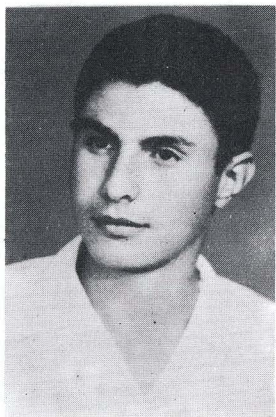
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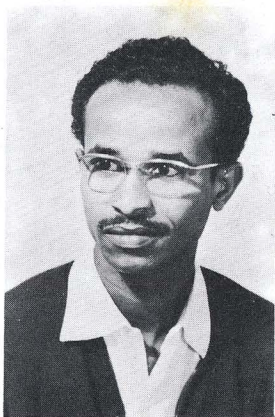
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Husayni, Basil



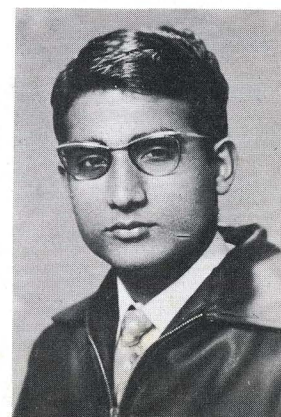
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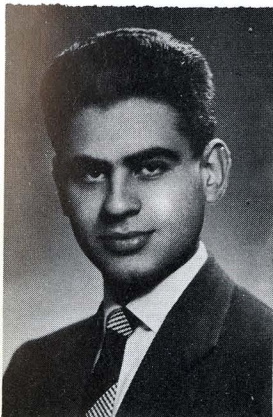
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Khan, Mohammad Zaheer



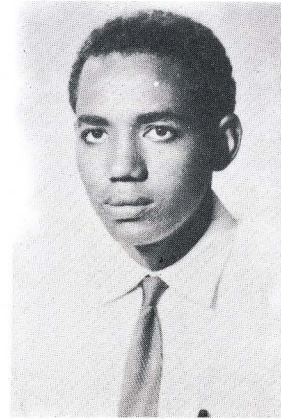
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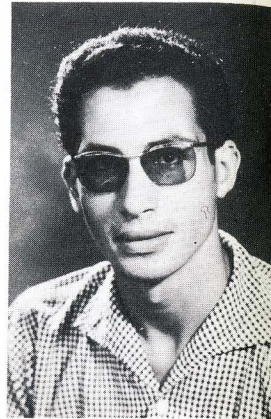
Mohammad Ayyub, Ukayl



Muhammad Said A.



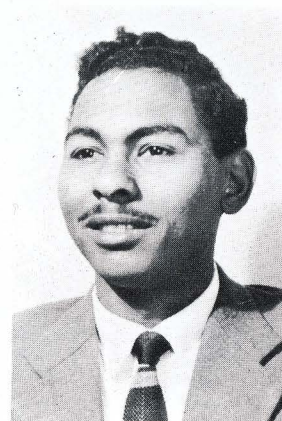
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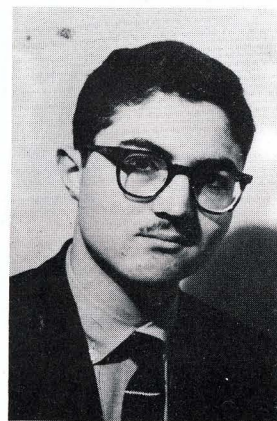
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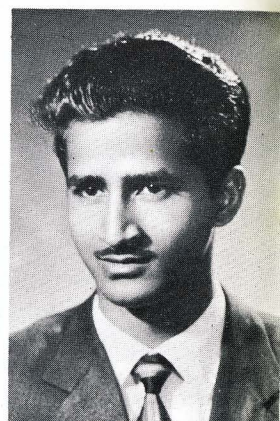
Salih, Abdul - Khadir



Samman, Musa



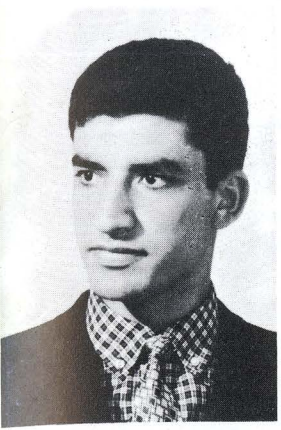
Shaikh, Mohammad A. G



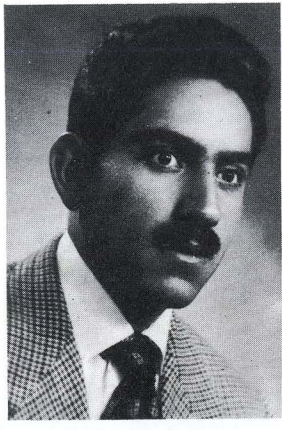
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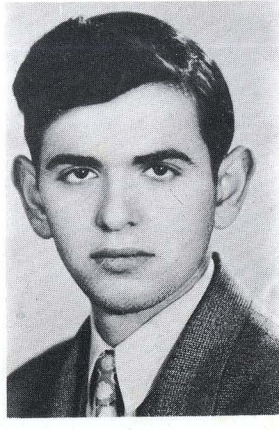
Mutayrah, Ismail



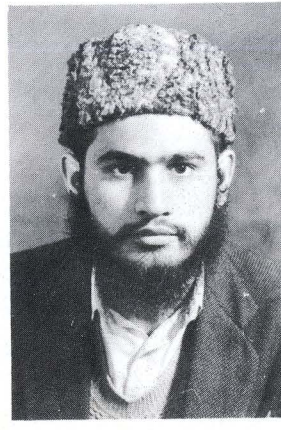
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Odjaghian, Garnik



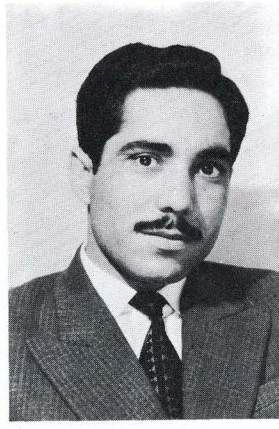
Qureshi, Manzoor H



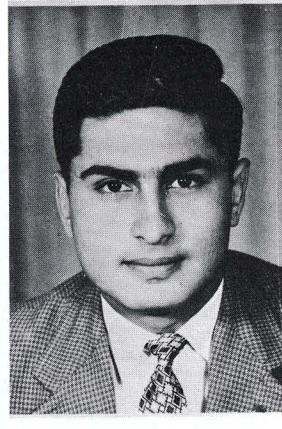
Shaklian, Garabed



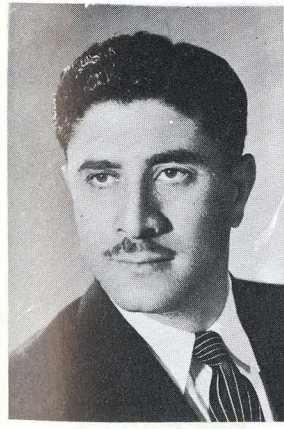
Shuwayki, Ali



Siddiqui, Fakhar - I - Alam



Tayih, Abdul G. (special)



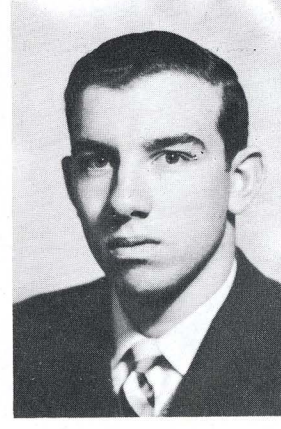
Vessal, Mahmud



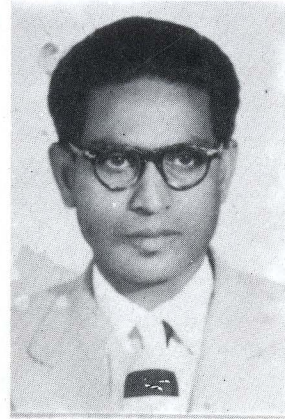
Wasi - uz - Zafar, M.



Yeganiantz, Levon



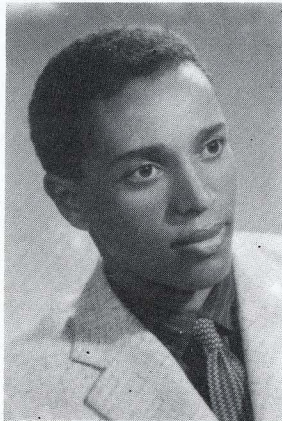
Abdul Malek, Mohammed



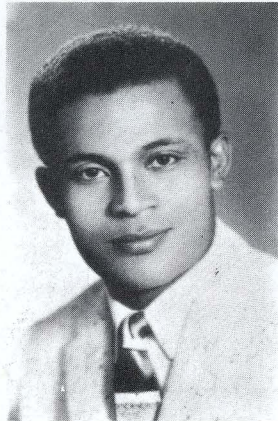
Aqmassie, Bainesagne



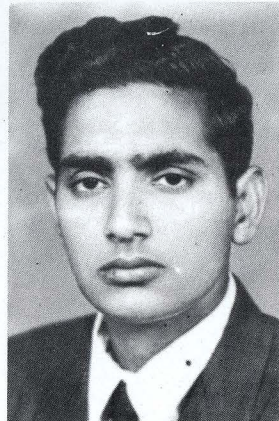
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Bushra, Ibrchim



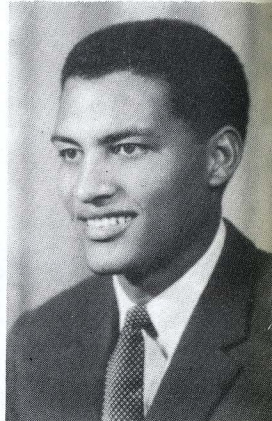
Chowdhry, Mansab Ali



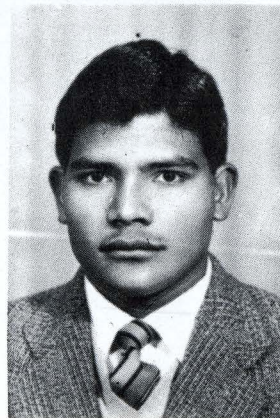
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Gerefa, Mulugeta



Gulzar, Gulzar Masih



Haile Mariam Lemma



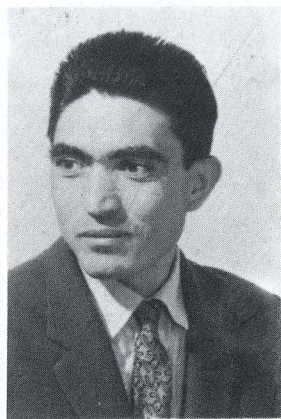
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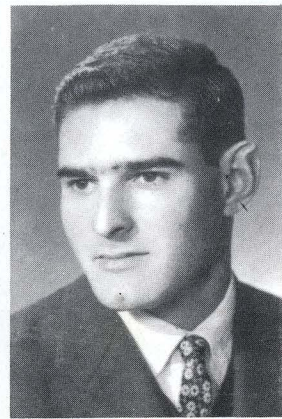
Ahmed, Alaudin



Ali, Sayed Jan



Badr. Yusuf



Charyani, Nuri



Ghassemi Baharanchi, A



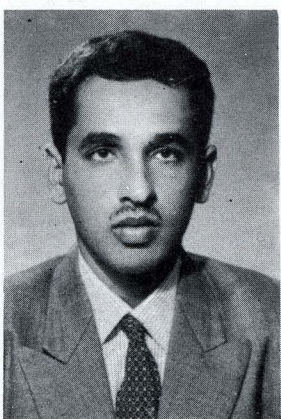
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Hirsi, Mahmud



al-Husayn, Abdur-Rahman



Imam, Jamal-ud-Din

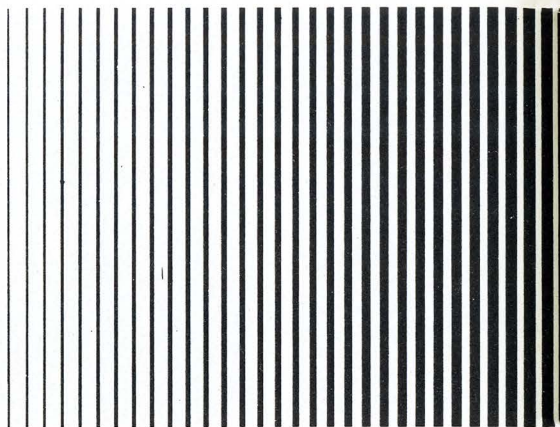


students

training

technical

technical training students cont.



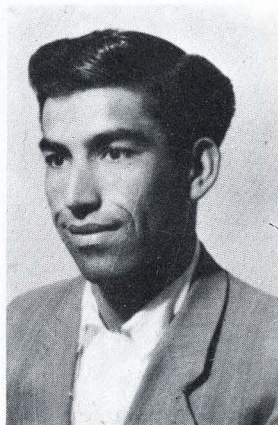
Kharam, Abu-Sayf



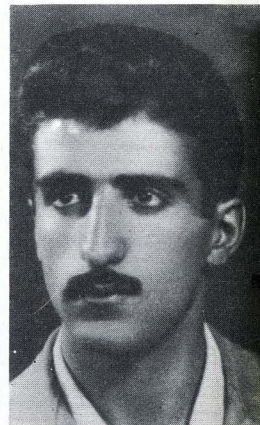
Mangistu, Rega



Mir Husain, Abdul Qudus



Montazeri, Ahmad



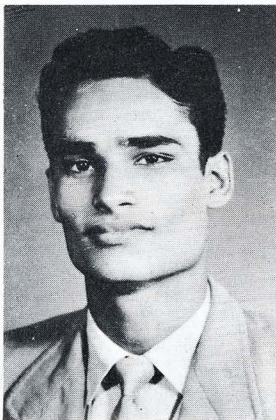
Shahbazi, Ismail



Shakluf, Masud



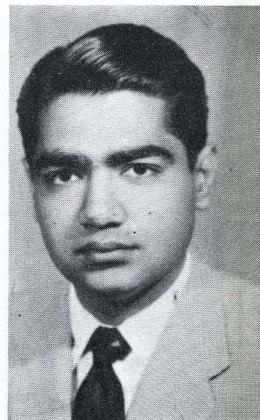
Shamsi, Ashraf Azharuddin



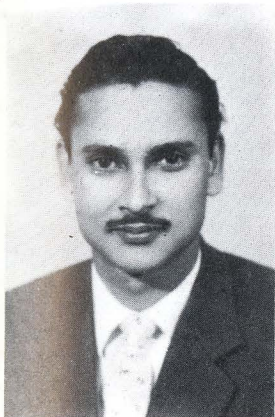
Shamsul-Huda, Muhammad



Syed, Mazhar Abbas



Islam, Saiful Islam



Jibril, Bashir



Kaveh Birdjandi Reza



Khan, Abdul Malik



Rahman, A -M, Golam



Sahlu, Kinfe



Samet, Abdul Qayyum



Tamirat, Tariku



Tippu, Mir Moinuddin Ilias



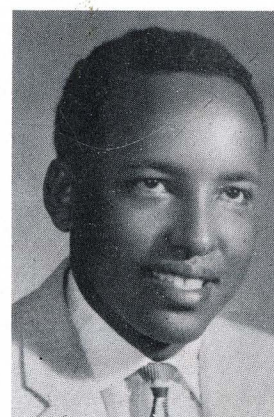
Umar, Ahmad



Vasoddin, Ajruddin



Werssemay, Ahmed



graduate students

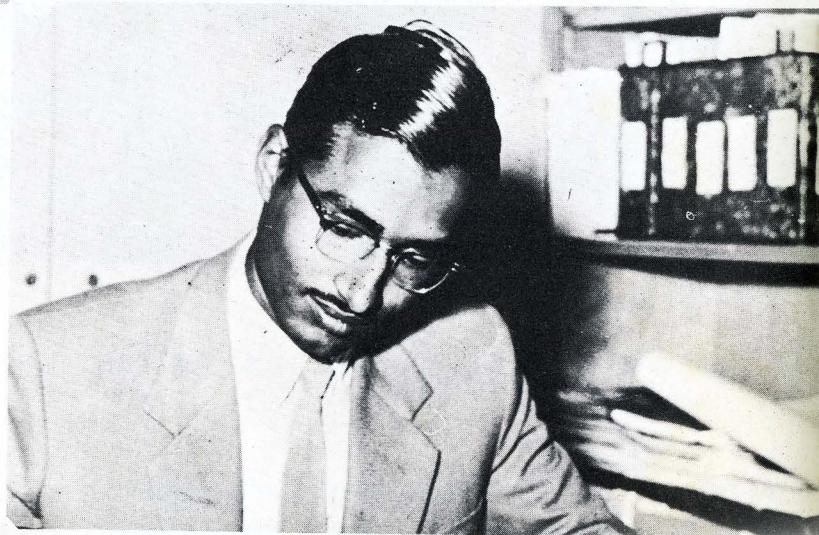


Mushtaq Bukhari

Karachi - West Pakistan
B.Sc. 1955, University of Sind, West Pakistan.
Research Assistant, Government Farm,
Mirpurkhas, West Pakistan 1955 - 58,
Started graduate work October 1958.
Probable date of graduation September 1960.
MAJOR: Horticulture - Agronomy. MINOR: Soils.
THESIS: "Effect of Soil Application of Nutrients
on Inorganic Composition of Valencia
Orange Leaves".

Muhammad Faizullah

Bhola, East Pakistan
B. Sc. 1958, University of Dacca, East Pakistan.
Government Subdivisional Agricultural Officer,
1958 - 59. Started graduate work October 1959.
Probable date of graduation June 1961.
MAJOR ; Agronomy - Entomology. MINOR:
Plant Pathology. THESIS " Cultural Studies
to Improve Wheat Production.



Abebe Hailu

Harrar, Ethiopia
B. Sc. 1958, Imperial College A & M, Ethiopia.
Started graduate work October 1958.
Probable date of graduation October 1960.
MAJOR : Animal Science. MINOR :
Agricultural Economics. THESIS :
Fattening Beef Animals.

Sabbah Al Hajj

Chiah, Lebanon

B. Sc. 1957, A.U.B. Extension Officer in Lebanon
Chemicals Company, 1957 - 1958.

Started graduate work halftime October, 1959.

Probable date of graduation, June 1961.

MAJOR : Agricultural Economics- General
Economics. MINOR : Horticulture. THESIS :
Marketing of Citrus in Lebanon.



Chain Manghirmalani

Hyderabad Sind, West Pakistan

B. Sc. 1948, University of Sind, West Pakistan.

Lecturer and Research Assistant at Sahrand,
Mirpurkhas and Tandojam, West Pakistan 1948 - 59.

Started graduate work October 1959.

Probable date of graduation June 1961.

MAJOR : Agronomy - Plant Pathology.

MINOR : Soils. THESIS : "Forage Production Under
Dryland Conditions in the Beka'a."

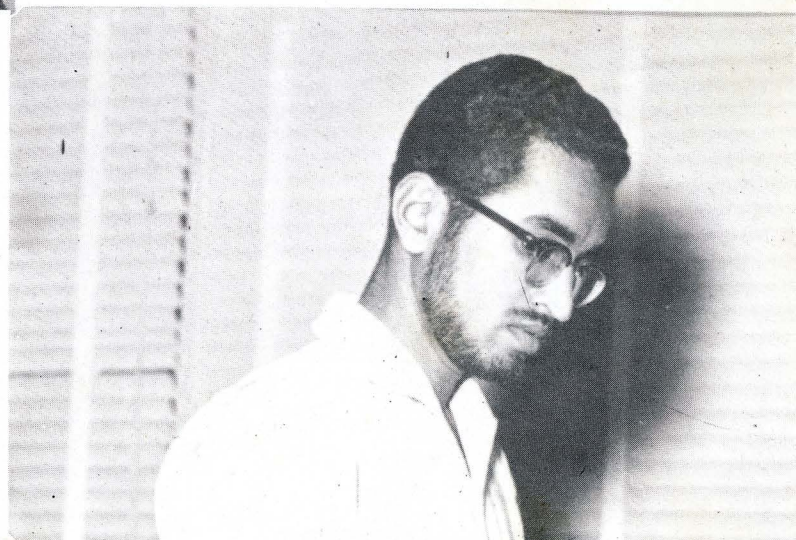
Ghulam Siddique Soofi

Larkana, West Pakistan

B. Sc. 1958, Tandojam Agricultural College,
West Pakistan. Research Assistant in Soils,
Tandojam, 1958 - 59. Started graduate work
October 1959. Probable date of graduation

June 1961. MAJOR : Soils - Agronomy.

MINOR : Plant Pathology THESIS : "Field
Experiments on Response of Trace
Elements in Corn".



Wajihul Hassan Syed

Firozi, India

B. Sc. 1954 University of Sind, West Pakistan,
Lecturer and Research Worker, Tandojam
College, West Pakistan 1954 - 59. Started
graduate work October 1959. Probable date of
graduation June 1961. MAJOR : Agricultural
Economics - General Economics. MINOR :
Rural Sociology. THESIS : "Extension of Credit
to Farmers by Cooperative Societies in
Hyderabad District, West Pakistan "

graduate assistants



Joseph Fuleihan

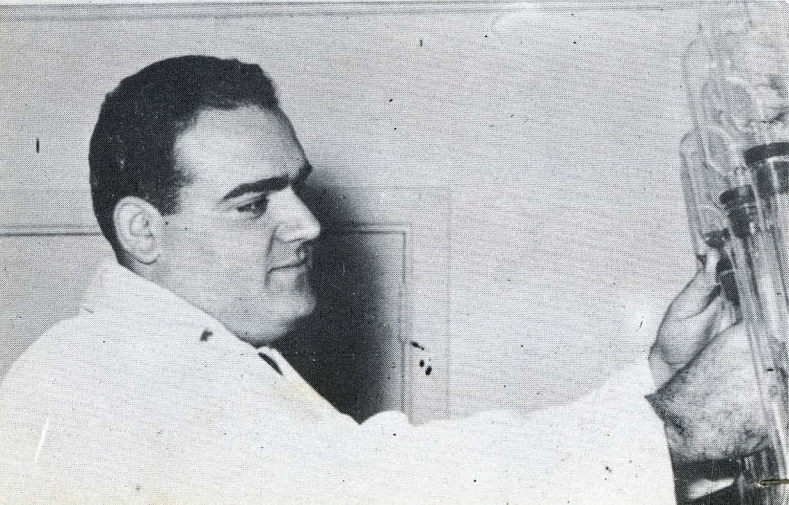
Haila, Palestine

B. Sc. 1957, A.U.B. Assistant Instructor in Agricultural Economics 1957 - 59, A.U.B. Started graduate work halftime October 1959. Probable date of graduation June 1961. MAJOR : Agricultural Economics - Animal Science; MINOR : General Economics; THESIS : " Economic Aspects of Beef Production in Lebanon".

Karim Husayni

Jerusalem, Palestine

B. Sc. 1955, Cairo University, U.A.R. Research Officer, Deir-Alla Station, Jordan 1955 - 58. Technical Supervisor, Development Board, Iraq 1958 - 59 Started graduate work halftime October 1959. Probable date of graduation June 1961 MAJOR : Soils - Agronomy MINOR : Chemistry, THESIS : Effects of Trace Elements on Sugar Beets.



Dib Nasrallah

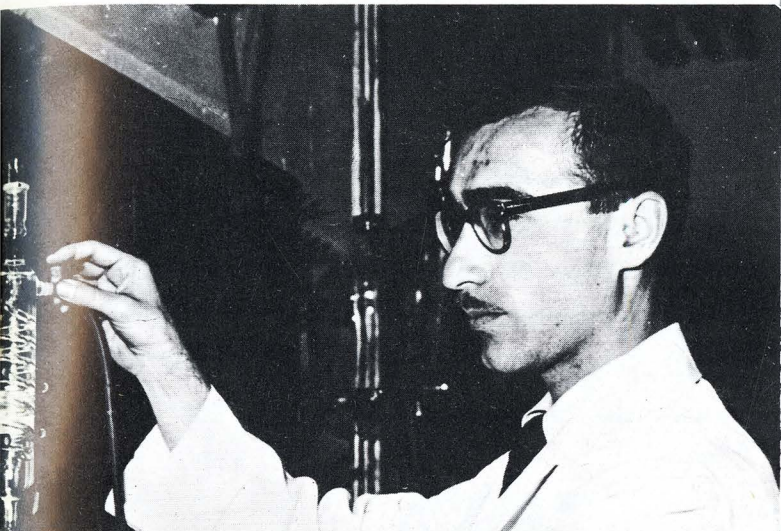
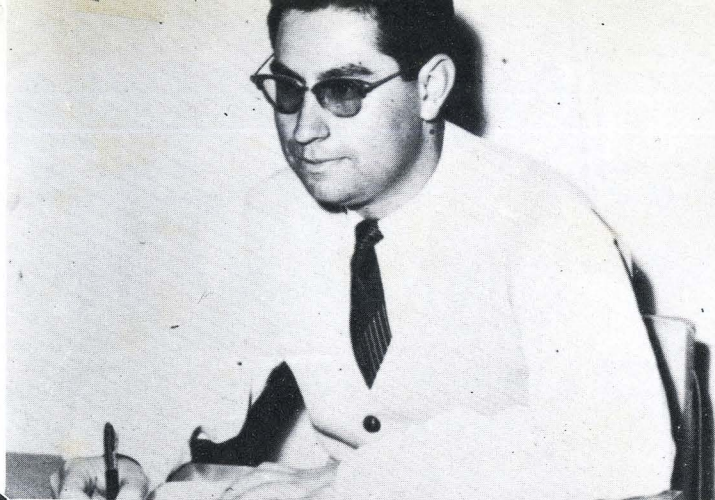
Beirut, Lebanon

B. Sc. 1958, A.U.B. Started graduate work halftime February 1959. Probable date of graduation February 1961. MAJOR : Horticulture - Plant Pathology. MINOR : Soils. THESIS : " Seasonal Variation and Rootstock Effects on Mineral Nutrition of Apples".

Abdur - Rahman Saghir

Beirut, Lebanon

B. Sc. 1957, A.U.B. Assistant Instructor of Agronomy 1957 - 59, A.U.B. Started graduate work haltime in October 1959. Probable date of graduation June 1961. MAJOR : Agronomy - Soils. MINOR : Plant Pathology. THESIS : "Chemical Weed Control in Onions and Wheat".



Ahmad Sakr

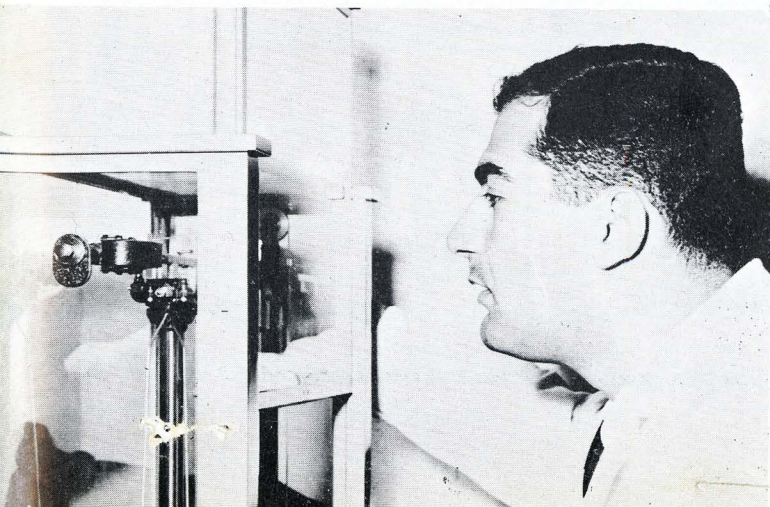
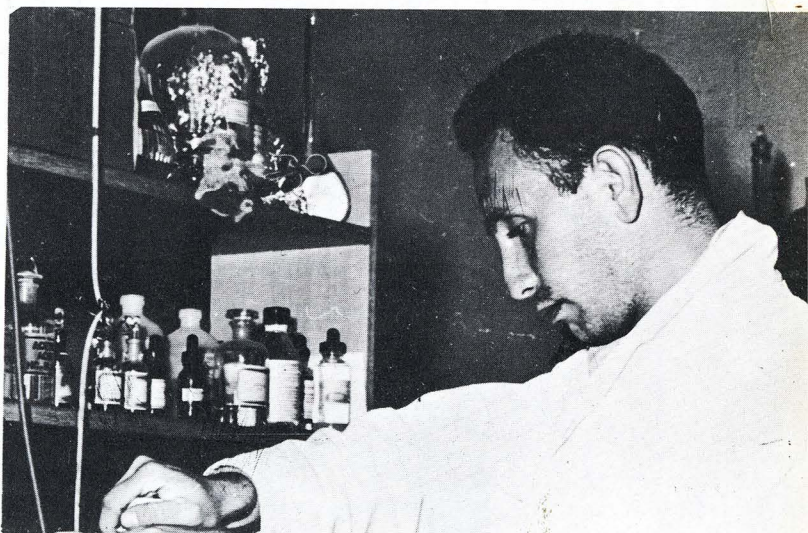
Beirut, Lebanon

B. Sc. 1959. A.U.B. Started graduate work haltime October 1959 Probable date of graduation June 1961. MAJOR : Food Technology - Horticulture MINOR : Chemistry THESIS : "Research on the Nutritional Status of Children."

André Salib

Jerusalem, Palestine

B. Sc. 1957, A.U.B. Thechnical Advisor, Khounshara Farm, Lebanon 1957 - 59. Started graduate work haltime February 1959. Probable date of graduation February 1961. MAJOR : Soils - Agronomy. MINOR : Chemistry THESIS : " Chemical and Physical Analysis of Soils in Lebanon".



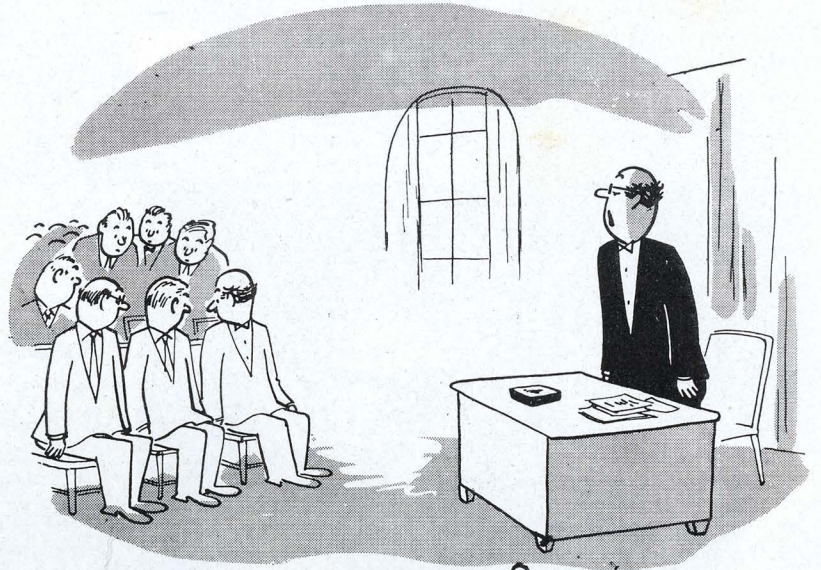
Ghazi Sarkis

Kaftoun, Lebanon

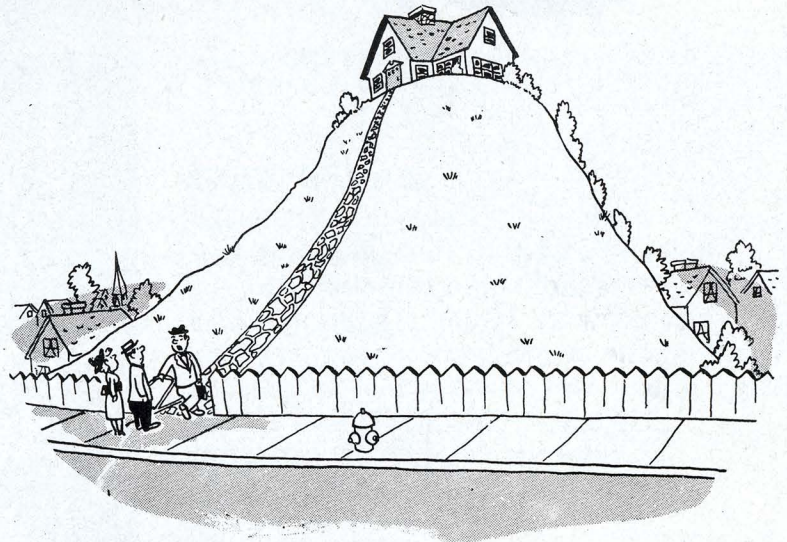
B. Sc. 1959, A.U.B. Started graduate work haltime October 1959. Probable date of graduation June 1961. MAJOR : Animal Science. MINOR : Biology THESIS : " Beef Fattening".



LET'S BE SERIOUS...



WHERE THE HELL IS AL ? ...

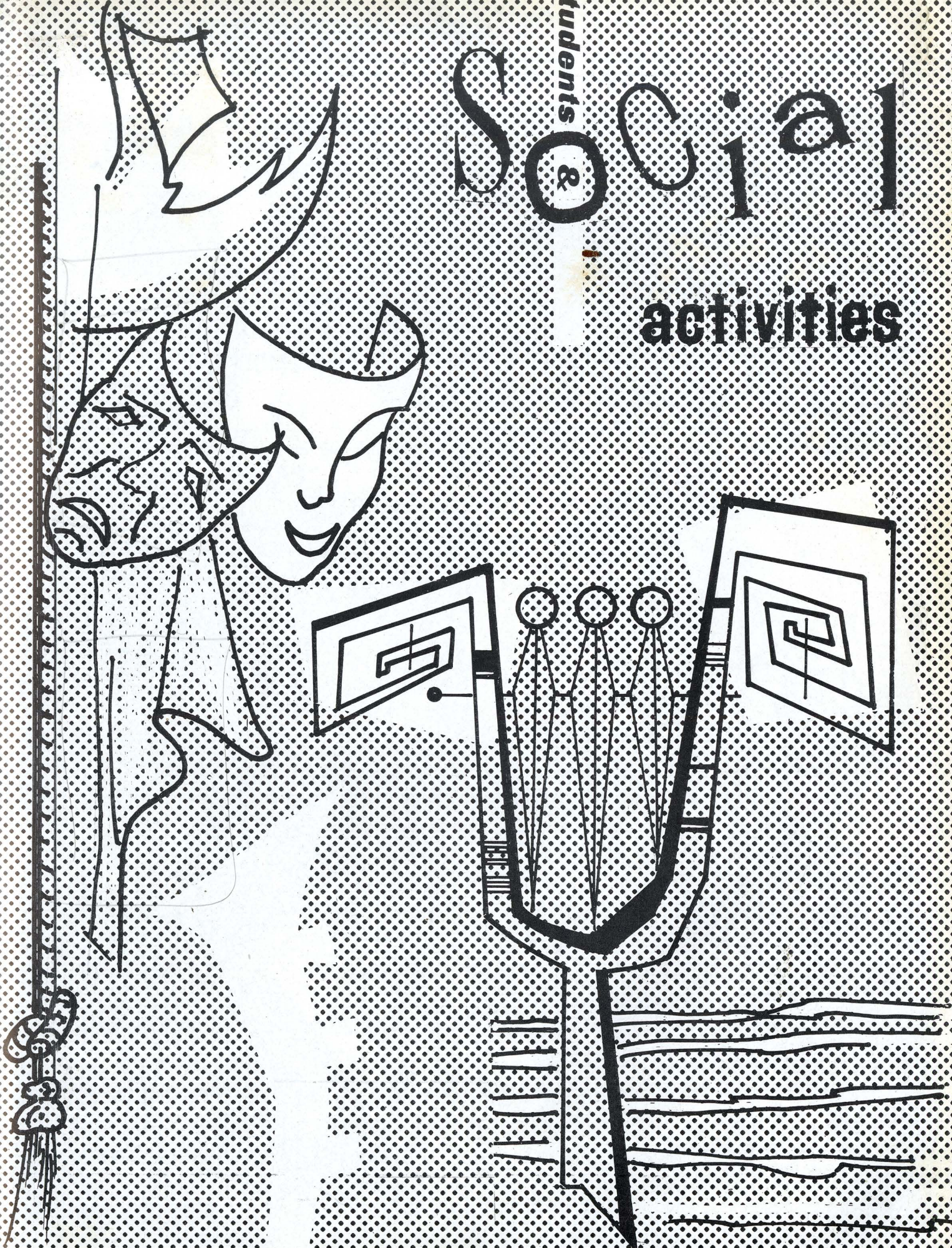


AUB FARM - HONEY-MOON DEPARTMENT
(FREE INSTRUCTION FOLDER)...



Students & Social

activities



Society of Agriculture Students

MEMBERS OF THE CABINET

President : John Yousef
Vice President : Salim Akrabawi
Secretary : Rohil Nana
Treasurer : Ibrahim Ghandour
Members : Ali Shahroody
Mike Nasrallah
Kamal Jobbour



The Fruits of this year's Cabinet
Lie not only in this yearbook but also
In many activities
that show both in words and pictures
in pages to come.

SOCK HOP

Hay
and
Hilarious

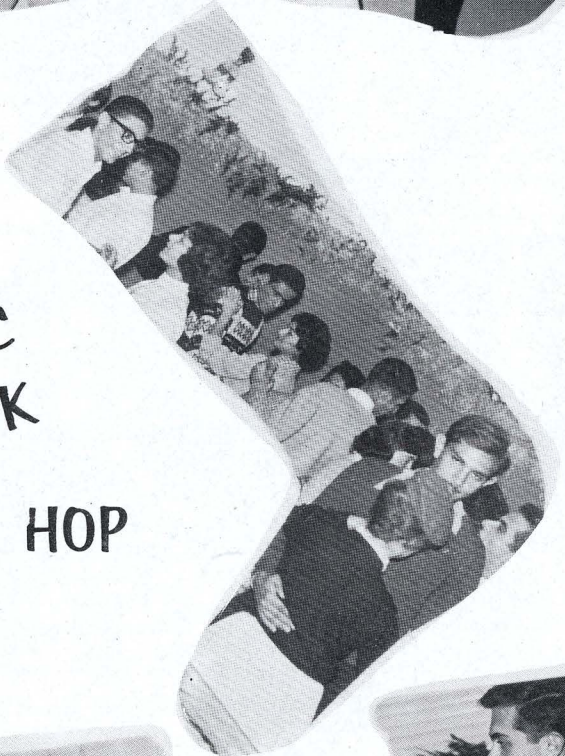
H
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Was the theme of the Annual.

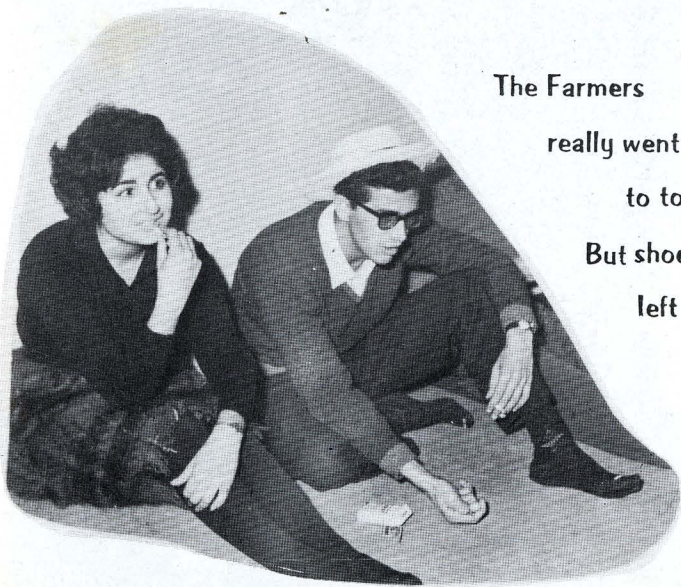


S
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HOP

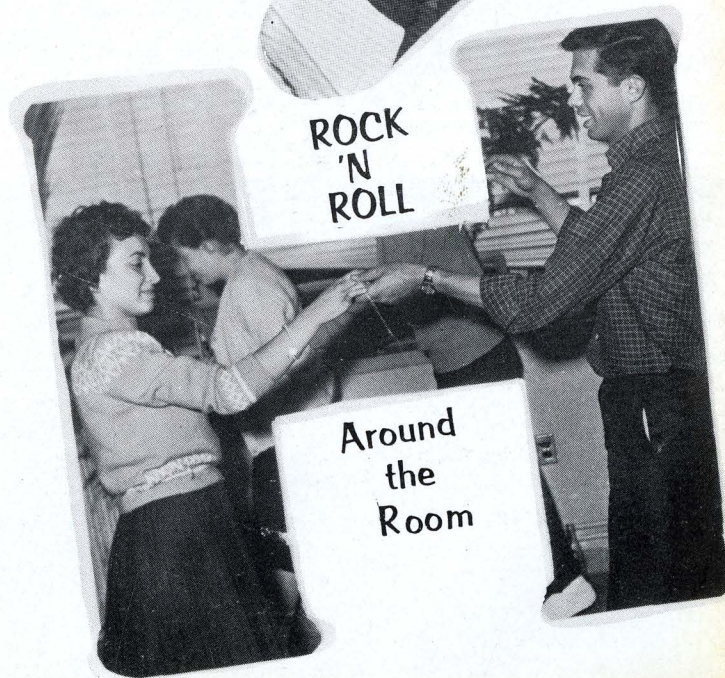


The Farmers
really went
to town,
But shoes were
left behind.



ROCK
'N
ROLL

Around
the
Room

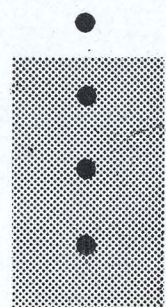


SOCIAL PARTIES



The members of the S.A.S. invited members of the B.C.W. Home Economics Club for tea. The party was held in the lounge of the Agriculture School. Games were played and the visiting girls were shown around the labs.

One of the games was "find out as much as you can about your partner as soon as you can." It was amazing to find out how much the boys and girls did find out although they probably did not announce all of it to the audience. Oddly enough, no vital statistics were mentioned, although a few phone numbers were.





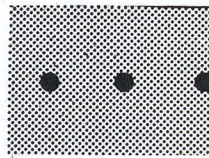
Coffee, Tea or Milk ?



... and I have a bright future ...



The best hands please



Concentration !



Yes, we work very hard !

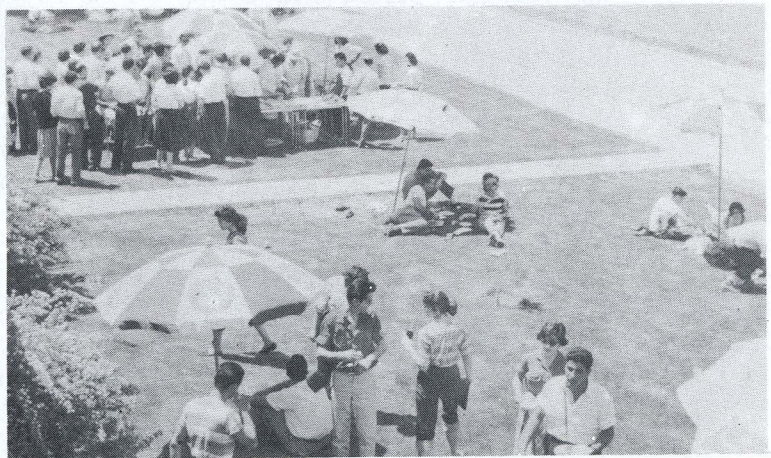
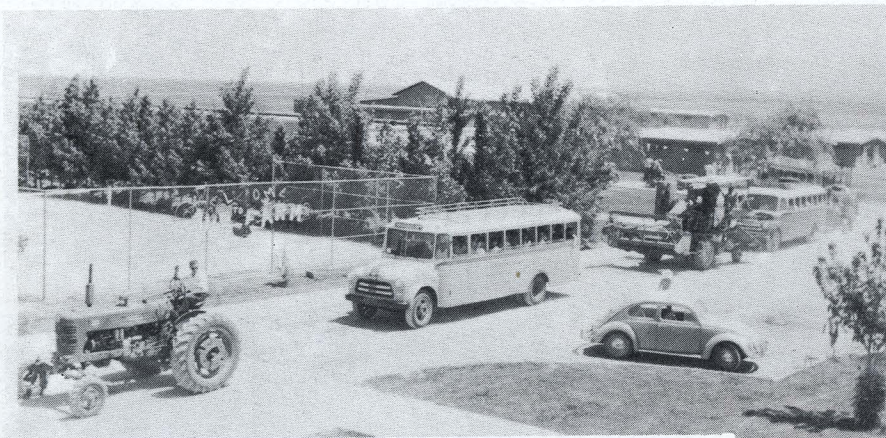
I want a partner too !



THE AGGIE TRIP

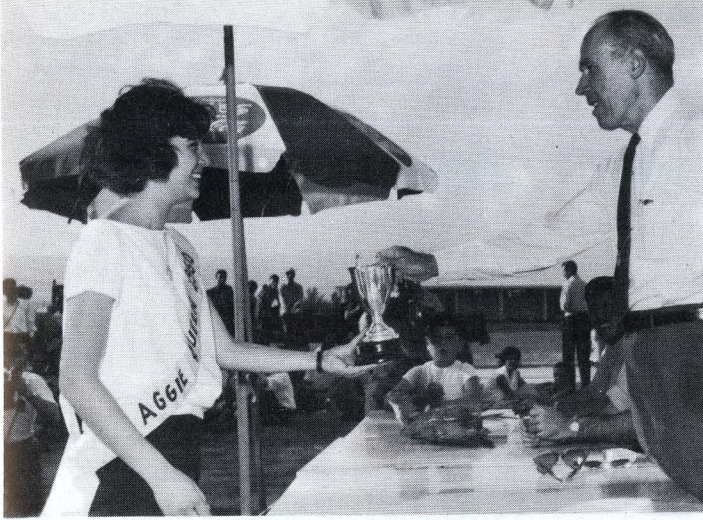
Sixth of May - AGGIE DAY

But not only Aggie day as 250-plus A.U.B. Students showed by invading the A.U.B. Farm. Every body played and ate well and toured around the farm on buses trailors and jeeps.



Some lay on lawns or lounged in chairs-more, were dancing or playing games - and punch and tabbluleh and lots more.





Congratulations



Past and Present Queens



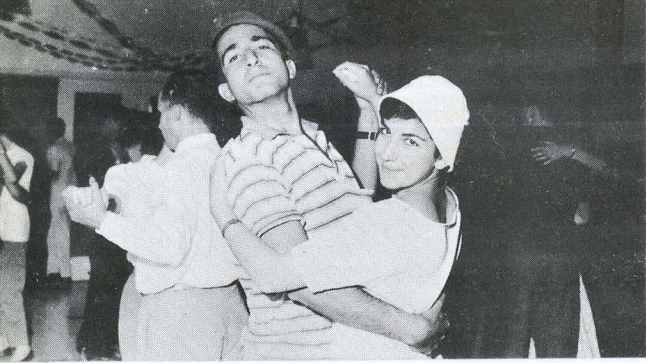
Miss June Burdkush

Competitors



The Judges





Squad 16 . . .

came to rescue these young men . . .



. . . but soon after



they knew . . .



everybody was having such good fun



dancing . . .



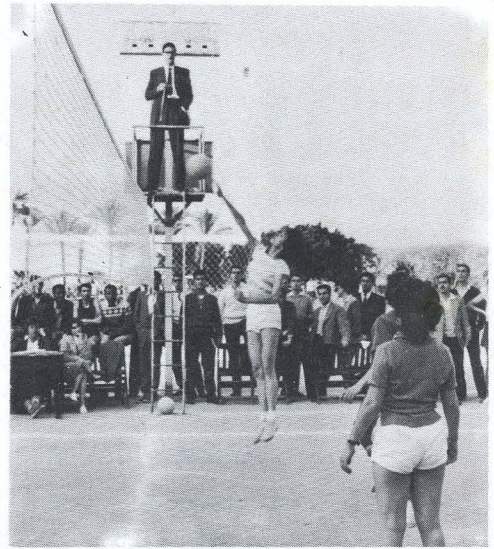
and eating etc. etc. they decided to join in the fun

JOIN NOW
THE AGGIE ARMY

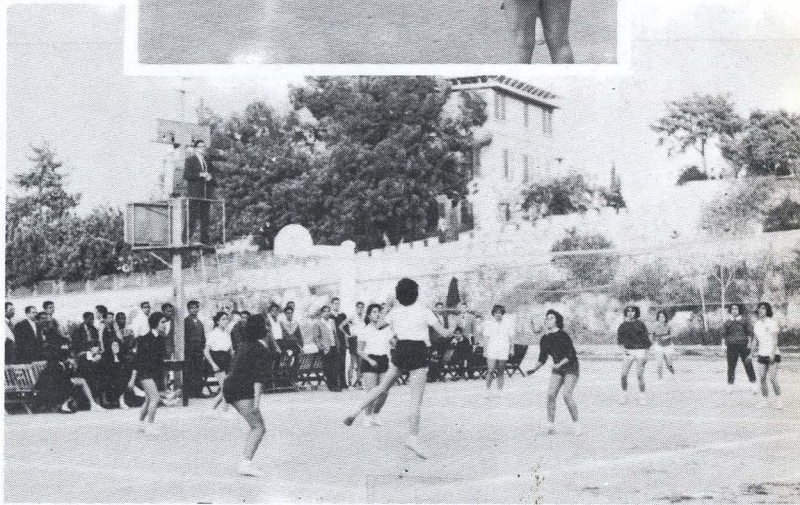


One world needs you Sign up here for the Aggie Army

. . . to play

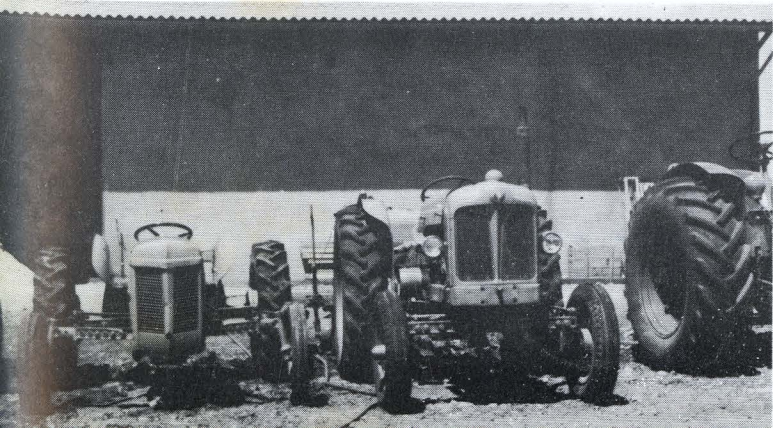


. to fight



. . . to tame these dragons!

. . . or just watch





THE PEACEFUL BATTLE GROUND

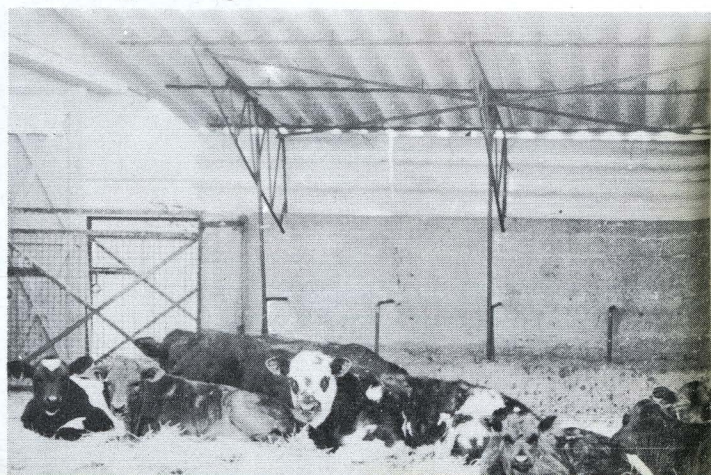
The Aggie hosts face a challenge. The enemy is world population and ignorance and poverty, ill health and starvation. In some place the enemy is winning - others the Agricultural Army is pushing them back further and further.

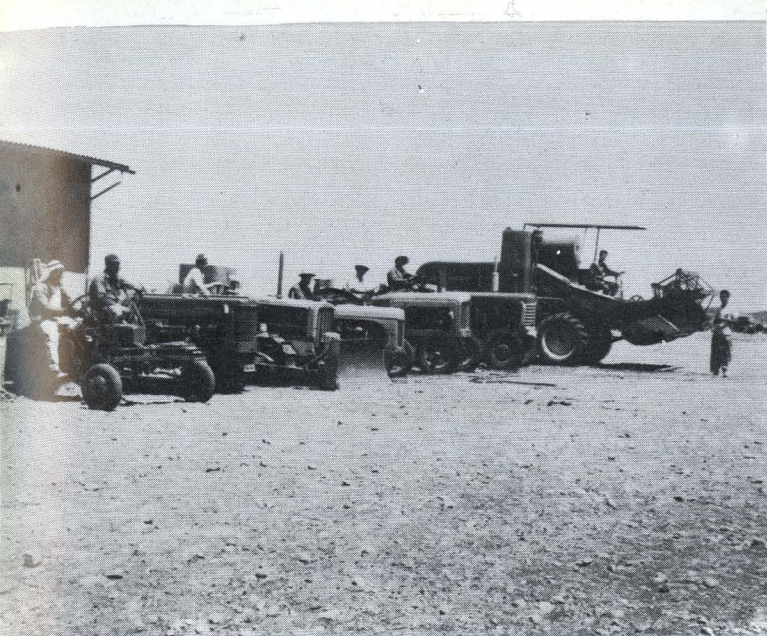
The Army's weapon? Modern scientific methods and technical know how.
Their aim? Increased production, more food, happier people.

Regional Headquarters



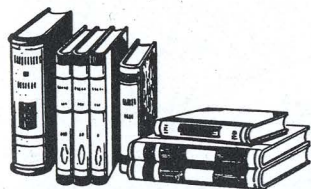
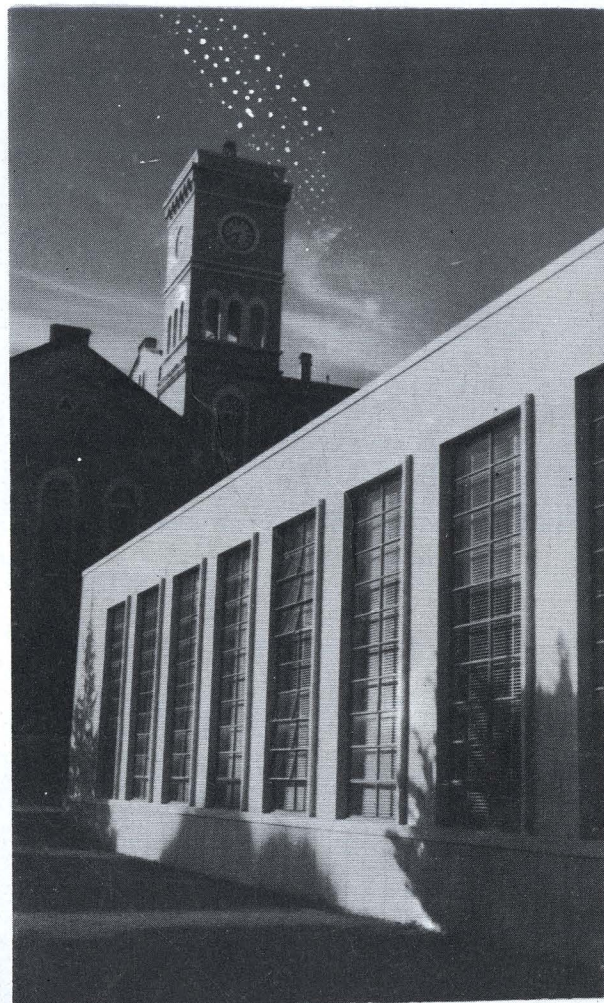
Intelligence agents



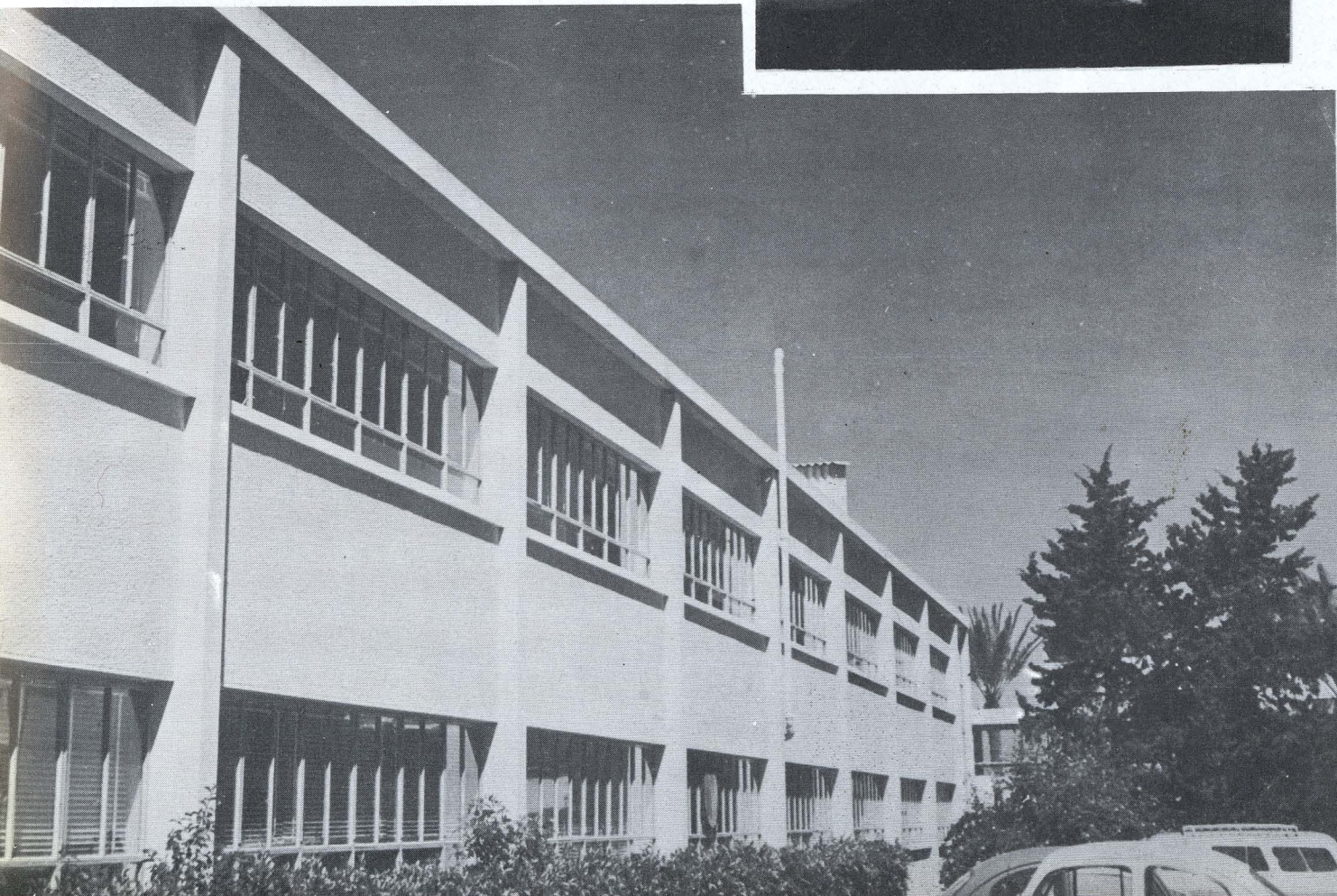


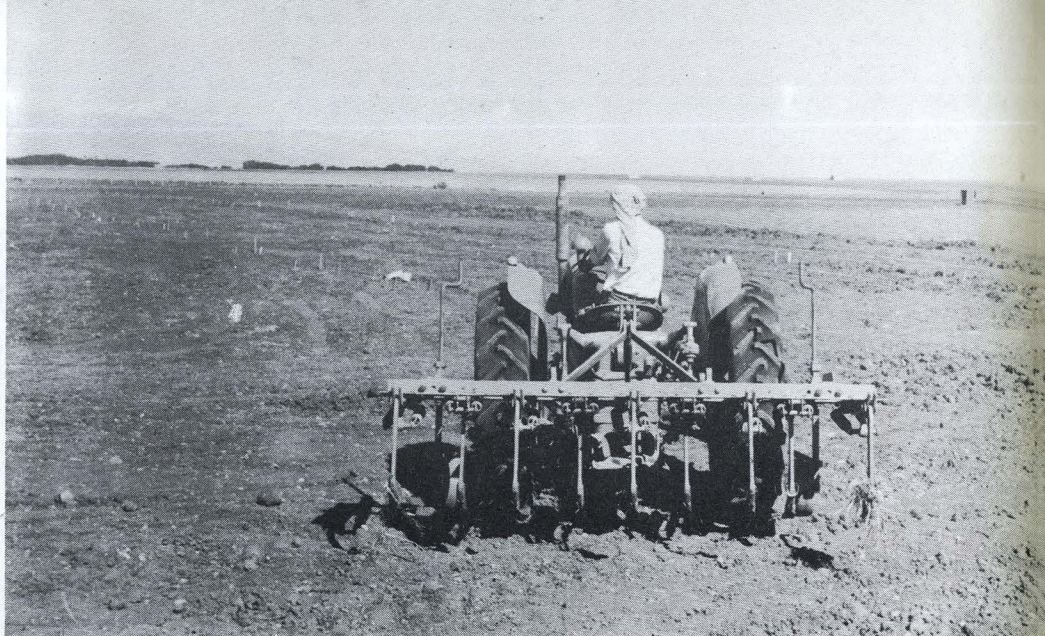
The Cavalry

Intelligence Headquarters



General headquarters - the Agricultural School





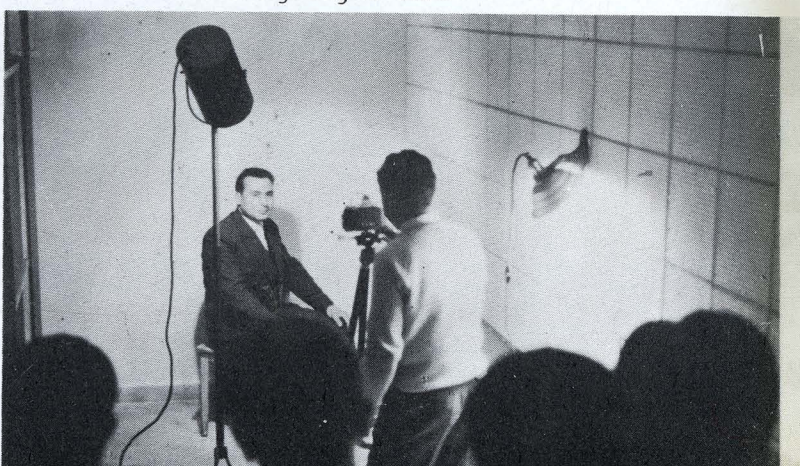
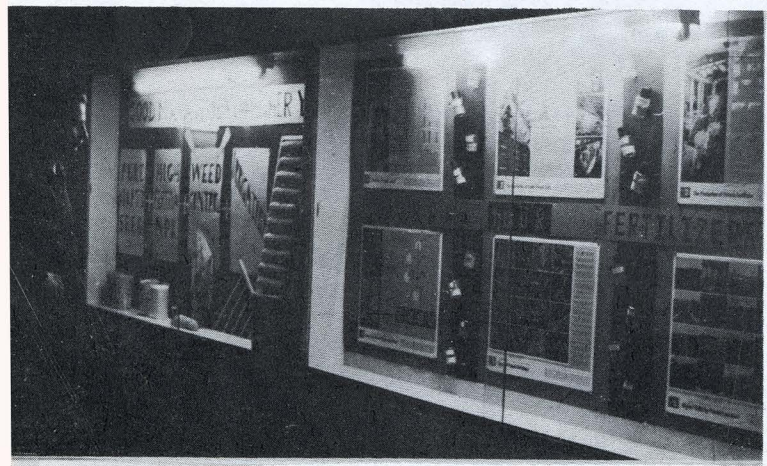
The enemy strikes and runs



but we have spies and the news get around . . .



. . . that the plans for the battle will make everybody a hero

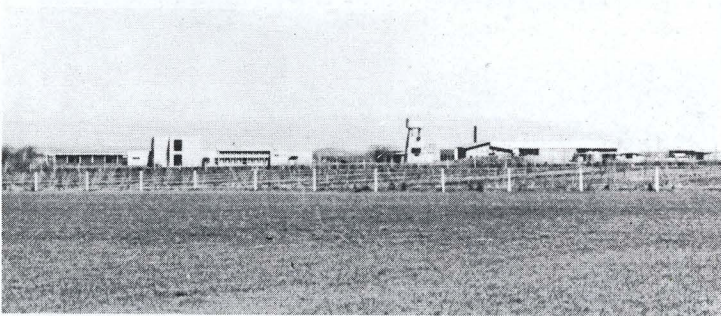


جامعة بيروت
 الجامعة الأميركية في بيروت
 في سبيل تحسين الزراعة في الشرق الأوسط
UNIVERSITY FARM
AMERICAN UNIVERSITY OF BEIRUT
DEDICATED TO THE IMPROVEMENT OF
AGRICULTURE IN THE MIDDLE EAST

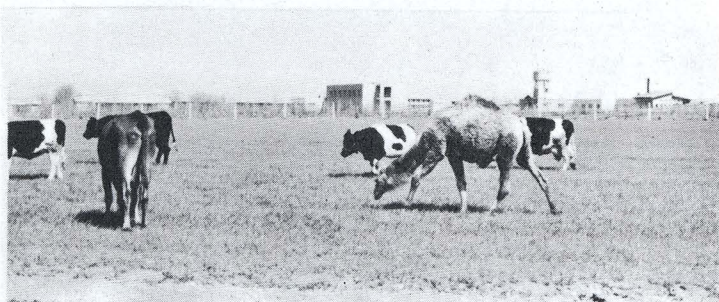
Upper Class Residential Area



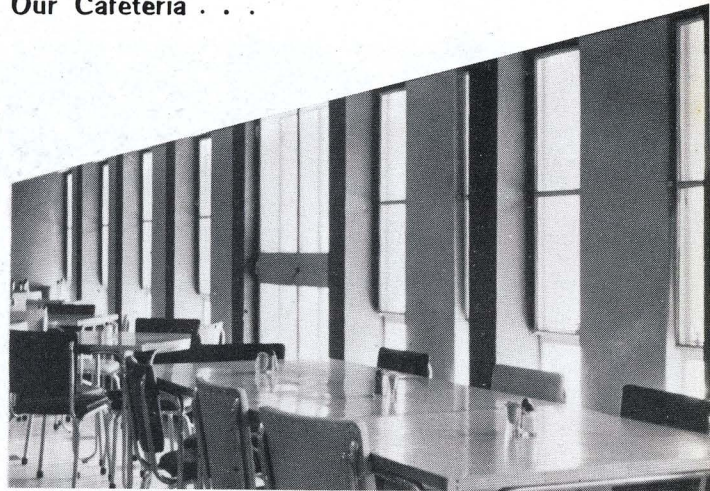
Stalag 17



Hungry



Our Cafeteria . . .



. . . and theirs





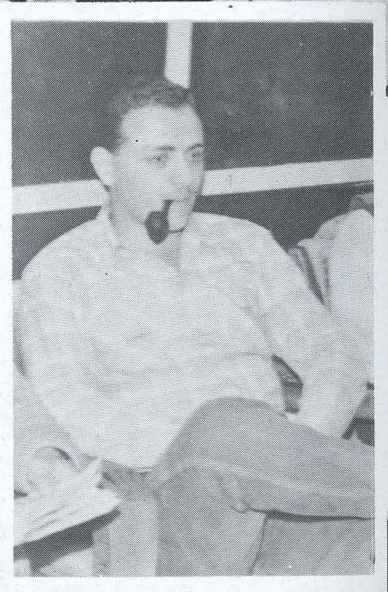
Rogue's Gallery



Cock Fight



The Perfect Couple



the Chimneys



Come on Ma'louf

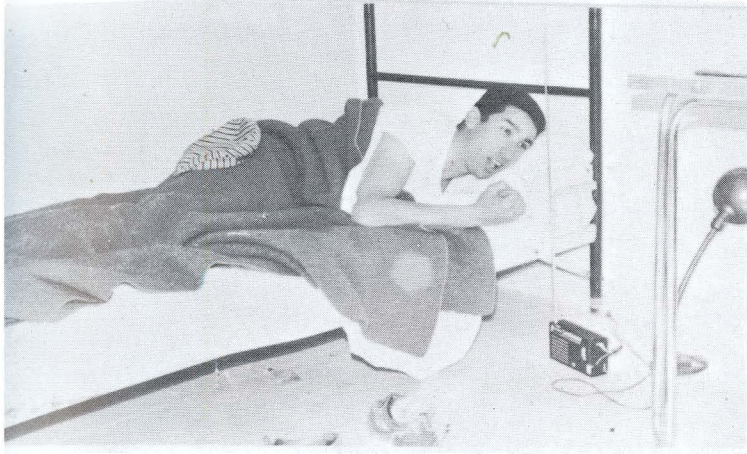


... and have no time to sit and stare



What should I do with him ?

An evening in Zahle



Let me sleep for God's sake

ليالي ابو مسعود

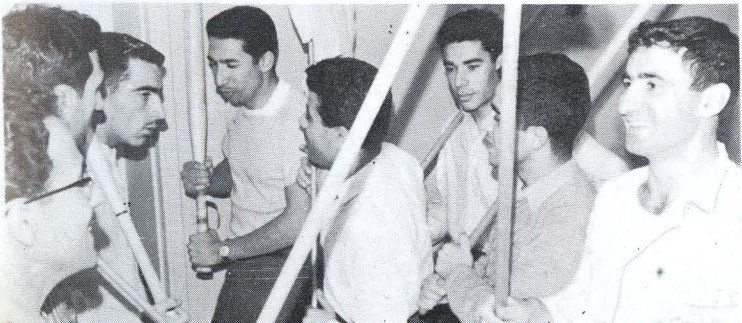


Rise and Shine

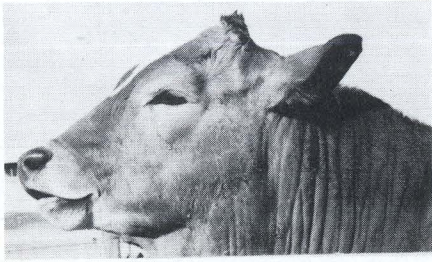
Dressed up fit to kill



Coup d'état



Before . . .

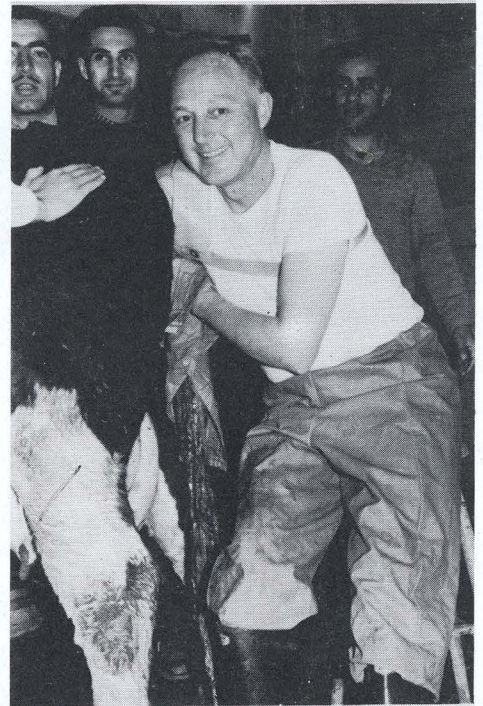


Dinner
is
served

and after



It's really warm in there



Chick sexing

سبحان أمي الباقى





SPORTS

word from Sayegh

Sports at the Faculty of Agricultural Sciences consist of : Team Sports and Individual Sports. Team sports include : Football, Basketball, Volleyball, Softball and Tug of War, while Individual Sports include, Tennis, Swimming and the different activities of track and field. Our different teams are divided into major and minor leagues. The former participate in University Championships which are Championships among the various Faculties. The latter, which are divided into East and West, take part in the Championship within the Faculty of Agriculture.

Last, but not least, we have to mention the excellent facilities which were provided by Prof. A.S. Trabulsi, Director of the University Athletic Office, i. e. professional coaches in the different athletic activities to attain a higher degree of skill in our team sports.

The great success we could achieve this year is not due to any individual personal work but rather to the team work of both students and staff.

Wishing to thank the members of the Athletic Committee as well as every one through whose help this programme was made succesful.

Yours truly,
Antoine Sayegh, Chairman
Athletic Committee

FOOTBALL



Aggie Football Team

Seated (L. - R.) : K. Fadi, I. Ghândour, U. Muhammad Ayyub

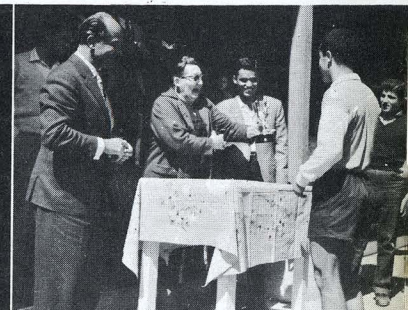
Standing : Dr. R. Lanson (Athletic Advisor), A. Ilyas, A. Ahmad, M. Tarif, A. Saleh, J. Yousef, H. Awartani (Captain), A. M. Said, A. Sayegh (Chairman of the Athletic Committee).

Our goaler I. Ghandour saved many a shure shot.



Big Day for the Aggies!

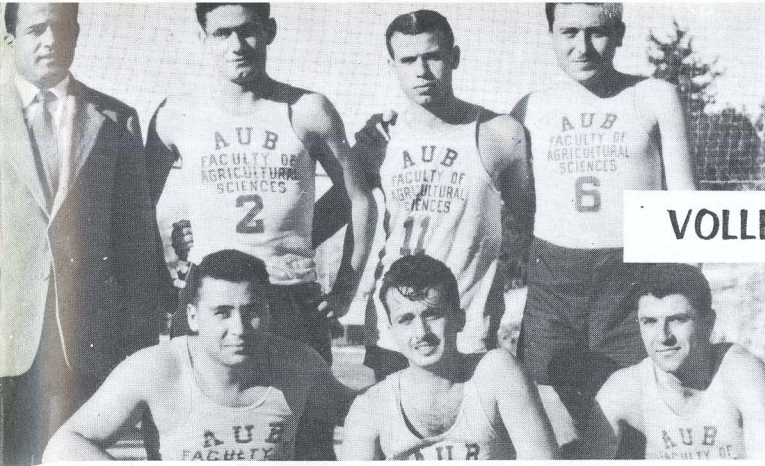
The Medics really had a hard time putting up with our boys.



Mrs. Worzella awards the silver cup to our Football Captain after winning the game against Medicine.

Long hours of practice at last pay dividends.



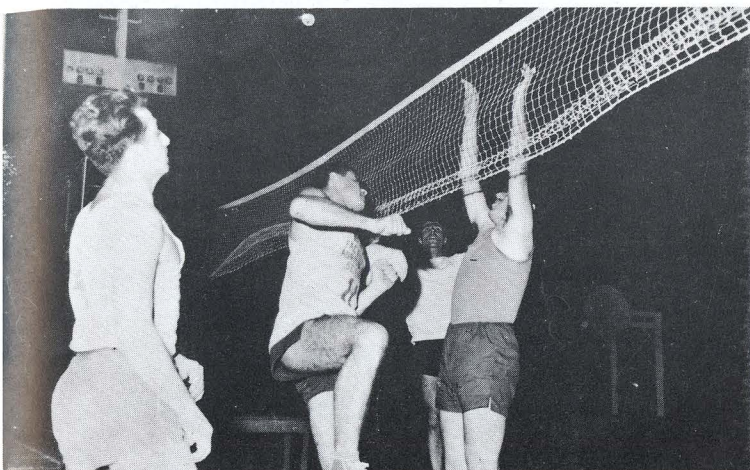


VOLLEY - BALL

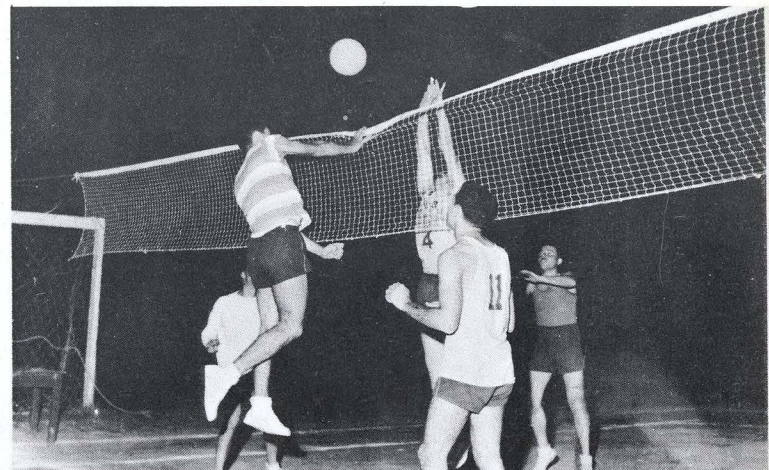


Aggie West Volleyball Team
 Seated (L. - R.) : R. Hajj, L. Andrawus, A. Kharrat
 Standing : Mr. A. Sa'ad (Athletic Advisor), H. Nasr,
 I. Ghandour (Captain), S. Sa'ad

Aggie East Volleyball Team
 Seated (L. - R.) : M. Qayum, A. Samet, A. Ghassemi,
 M. Gerefa, R. Kaveh
 Standing : Dr. R. Lanson, A. Vasoddin, M. Ata, A. Mir
 Hussain, B. Agmassie, M. Tippu.



The Pharmacists are trying to return the smash . . .
 but a little bit too late.

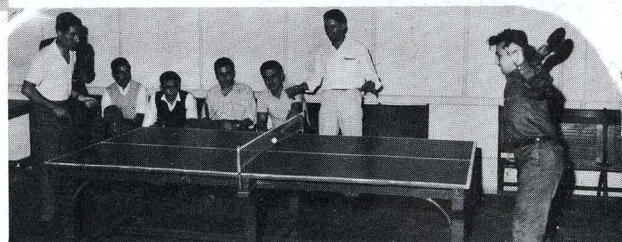


"To make the best better" is the motto adhered to by
 our students in all phases of sports activities.

PING PONG

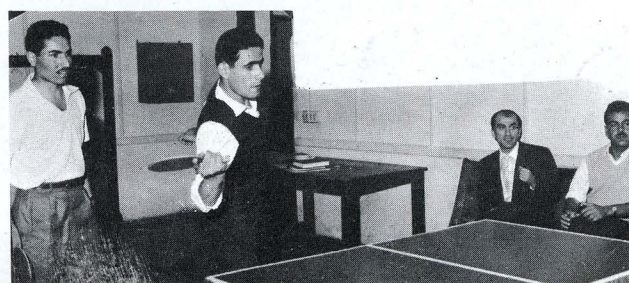


R. Kaveh received a silver
 cup for winning the Aggie
 East Championship.

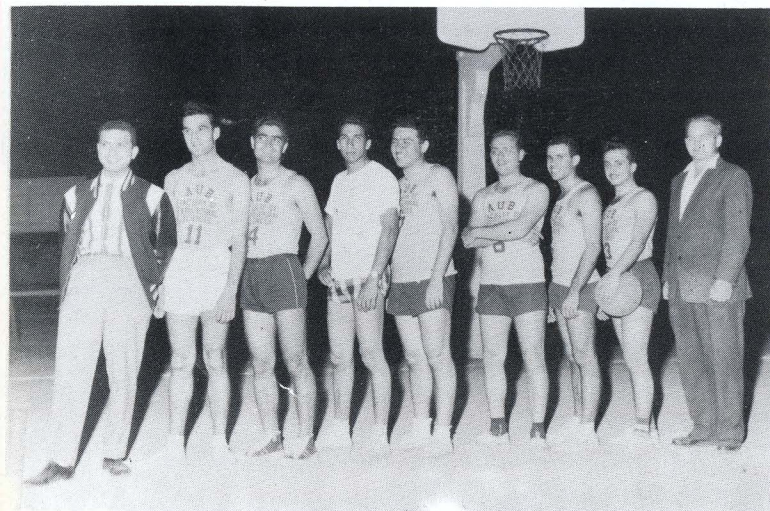


The net is too high, complains L. Andrawus.

"Practice makes perfect" is the motto of our ping-pong
 players.



BASKET - BALL



Aggie Basketball Team
 (L. - R.) : A. Sayegh, (Chairman of the Athletic Committee), G. Battikha, P. Sultanpour, (Captain) A. Shahroody, S. Sa'ad, E. Hatoum, I. Ghandour, L. Andrawus, Dr. R. Lanson (Athletic Advisor)



Aggie East Basketball Team :
 Seated (L. - R.) : A. Samet, I. Shahbazi, A. Ahmed
 Standing : Dr. R. Lanson, M. Qayum, K. Sahlu, B. Agmassie, M. Tippu.



Our cagers in the battlefield met a strong opponent - the Medics.



But finally we managed to score higher and win the game



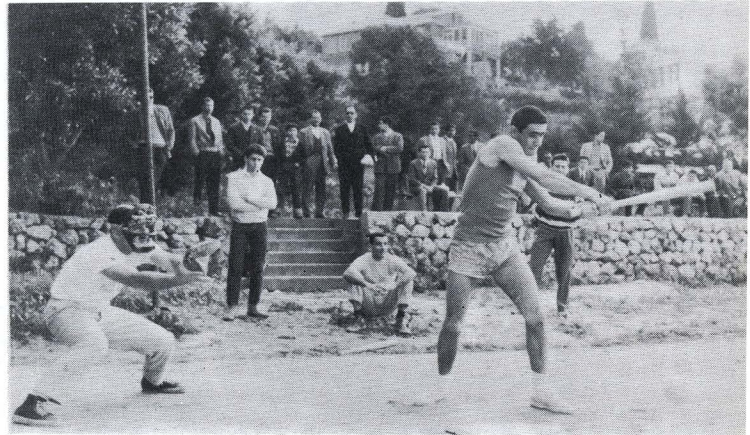
"Any height you can reach I can reach higher", says I. Ghandour and proves it.



SOFT - BALL



Aggie Softball Team
 Seated : (L. - R.) H. Nasr, B. Agmassie, T. Tamirat,
 Standing : A. Ghassemi, A. Shamsi, J. Yousef, R. Nana
 (Captain) A. Shahroody, K. Ghorban



Hikmat Nasr gets to base



The Aggie East Softball Team, with their coach,
 Dr. R. Lanson.



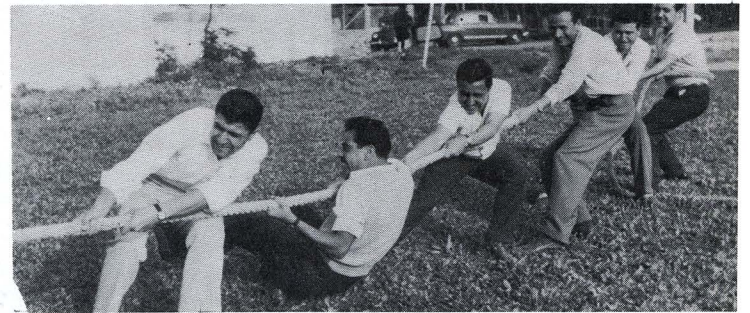
Fast chicks

TUG OF WAR

Before the game we can pull them with only five men.



We are trying hard, but the grass seems to be slippery!

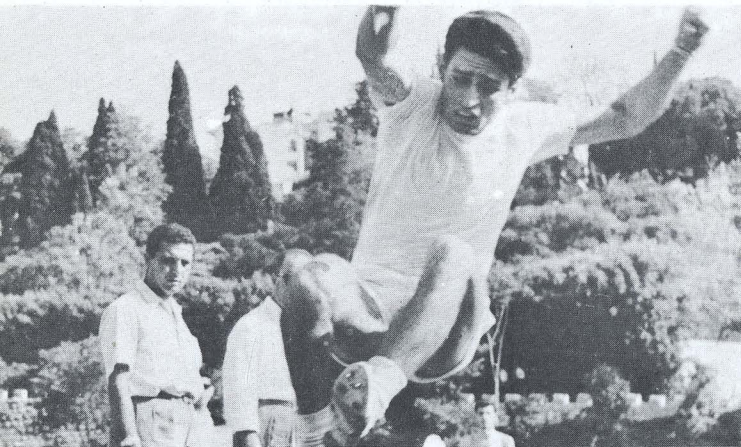


Aggie Tug of War Team
 Seated (L. - R.) : H. Katanani, M. Tarif, A. Kharrat
 Standing : S. Sa'ad, M. Hashimi, S. Akrabawi (Captain)
 Absent : R. Hajj, A. Duayfi.

THE A.U.B. ANNUAL FIELD DAY

Our Track and Field Team is getting ready to lead the athletes' parade at the Field Day -

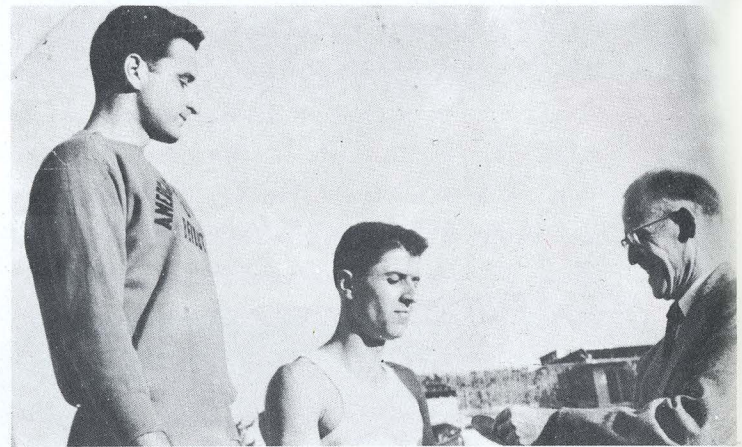
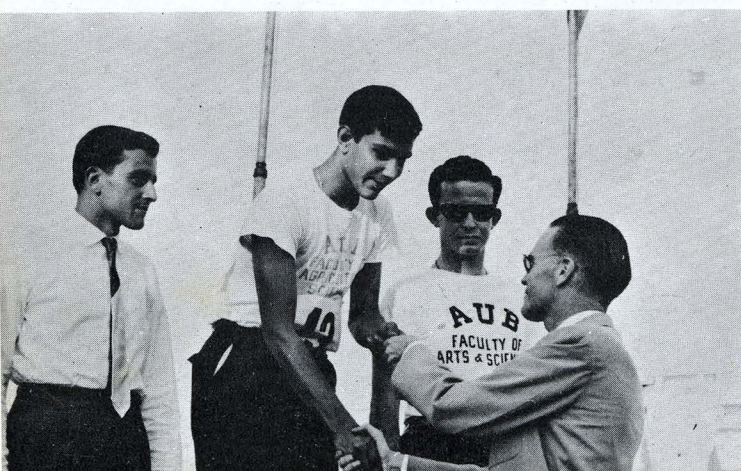
It's the quality that counts, not the multitude.



Oh! If they only give grades on sports, Nabil would be an honour student.



A. Kharrat, Track and Field Captain, leading his team into the arena of sports.



A. Kharrat is receiving his badge from Vice President Crawford for winning third place in the discus throw.



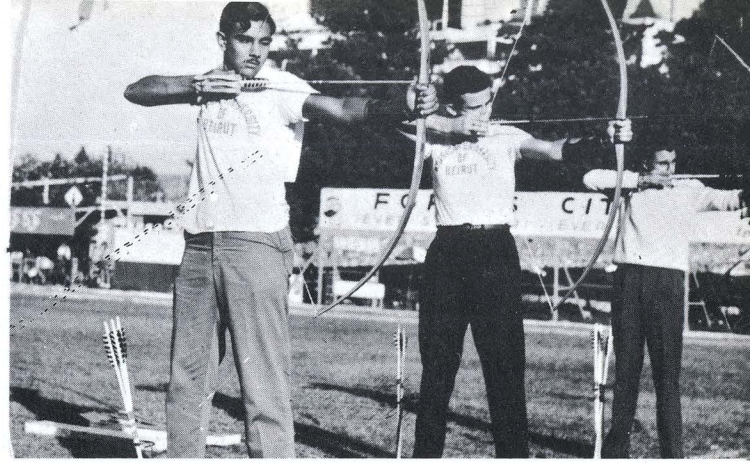
Look out girls! Cupid is ready with his arrows.



R. Nana, A.U.B. Champion in archery receives his golden medal from Dean Mac Donald of Medicine.



Our man is in a tight spot !



R. Nana stretches his bow before shooting the bulls eye.



His Excellency the Minister of Education awards A. Kharrat a bronze medal for placing third in the 1500 meters run.



Do you think the athletes pay any attention to the sign in the background ?



Winning by one length only !

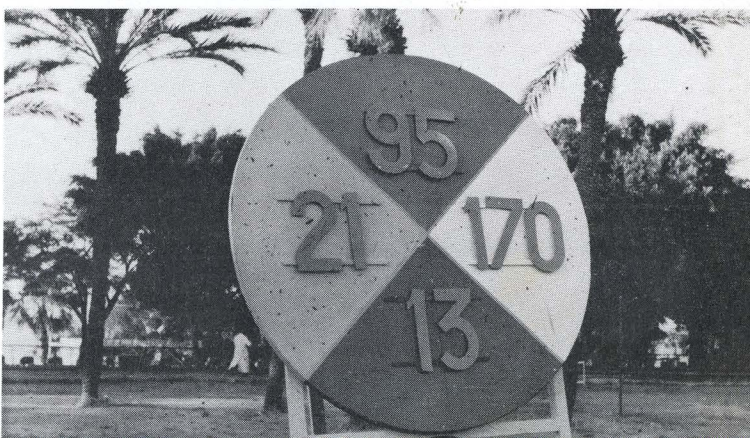


Last minute instructions before the start signal is sounded.

Aggie Cheering Team



Can you guess which score is ours ?



news

about

graduates

To show the scope of achievement of Aggie graduates, the Yearbook Committee has decided to allocate a section covering the "whereabouts" and "whatabouts" of the previous four classes.

This year, the graduates of 1956-59 are included as the first lot.

Class of 1956

This was the first graduating class of Agriculture and naturally we have lost track of some of them. **Aref Abdalbaki**, **Amin Ghorayeb**, **George Jiha** are working for the Lybian Government. **George** (fastest gun in the west) **Jawhariyeh**, father of a boy and a girl, works in Jericho for the A.D.S. Farm. **Ma'n Karameh**, now married, is still self-employed and keeping North Lebanon quiet. **Raja** and **Lydia Tannous** are in the U.S. where Raja is working for his Ph.D. at M.I.T. Also in the U.S. doing graduate work are **Samir Badawi** and **Haig Kopooshian**. **Sany Farajalch** & **Ghalib Himadeh** in Lebanon are in their own businesses while in Jordan **Jack Khayyat** is coping with 3 gigantic jobs at a time. **Mundhir Wehbeh** is in business in Kuwait. **Hailu Tefera** is with the Ethiopian Government. **Richard Freiji**, **Guy Jallad**, **Ramiz Sadaka** and **Emile Samara** are with local companies in Lebanon. **Sanharib Mankush** is with Rohm and Haas in Milano, Italy and **Sami Labban** is with Aramco in Saudi Arabia, **Bashar Jazairi** is at Cornell University. **Nasri Kawar**, **Kamal Daouk** and **Nicola Atallah** are with the University at Beirut.

Class of 1957

This was the largest class to graduate from our School. The class has attained a wide distribution in jobs, as well as in places of employment.

Starting with our "perennial" students, the followings have decided they could not part with our beloved Alma Mater so they decided to pursue further study at A.U.B. for the Master's degree in agriculture. The list includes **Joseph Fuleihan, Sabbah al Hajj, Victor Khoury, Abdur-Rahman Saghir (Abu Zuz)** and **Andre Salib**.

Endowed with the spirit of learning (*Al ilmou Nouron*), **Marcel Awad, Nuhad Dagher, Abdallah Dahir, Samir Deeb, Usama "Ya'kub" Kakish, Badi' Naddih, Abdur Rahman Salman** and **Ibrahim Tuma** have chosen to endure the hardships of travel into foreign lands in their search for the betterment of the scientific approach in agriculture.

Coming to another category of graduates of the 1957 class, who believe in the "struggle for existence" in this life, we find that **Musa Freiji** (also got married and got baby . . . I mean his wife), **Ibrahim Akawi, Amin Inati** and **Wadih Jureidini**, who have started their own or are managing poultry farms, are the prime factors for the increase of "rotisseries" commonly known as "Chicken Inn" places or "Farrouj Mashwi".

Another group showing the meaning of diversification in agriculture and who represent our School in various Middle Eastern countries are **Salim Abu Khalil, Adib Sa'ad** and **Salah Abu Shakra** as instructors in A.U.B.; **Mustafa Abu Shumays, Yusuf Azzu** and **Akram Istaytiyyah** as teachers in Libya; **Fuad Kronfol** with UNICEF; **Kamal Marshi, Abdallah Shammis, Gabriel Buyaji, Sami Salameh** and **Samir Nasrallah** with Feed & Fertilizer Companies, **Subhi al-Atar** and **Ahmad Masri** working in Kuwait; **George Baramki** in a poultry farm in Jordan; **Michel Basrawi** with a Chemical Co. in Iraq, **Raja Jiha** with Aramco in Dahrán; **Paul Kibbeh, Zaven Kurdian** and **Khalil Mirza** in agricultural private business in Beirut; **Fahd Natur** who works in Jordan with the Ghor Canal Project, recently represented his country in an international conference on irrigation in Pakistan.

Class of 1958

The members of this class also enjoy world-wide distribution. **Othman Abu-Gheidah** after working for a year with Aramco left to the United States to study for his M. Sc. degree; the same applies to **Mhammad Sulayman**, who started his work in Jordan with the Ministry of Agriculture. **Raja Nassar, Javad Bazargani** and **Mundhir Khalidy** are still in the United States working on their Master's degree.

Salim Tyan who recently got his M.Sc. in Horticulture, is working privately in his business in Beirut. Others who have private work are **Mohammad Kalash** who is working in Sidon, South of Lebanon, and **Albert Kassab** in Beirut.

Husayn Tabbarah is teaching science courses in different schools in Beirut, while **Amin Hijazi** and **Sami Musa** are both employed by our School as Assistant Instructors. **Deeb Nasrallah** is working on his M.Sc. in Horticulture at A.U.B. and is planning to have a private business after graduation.

NEWS ABOUT GRADUATES

The "poultry men" of this class are **Samir Abu Jawdah** who has a private farm, and **Shehadeh Ma'louf** who works for Greenleaf Farm in the Beka'a.

John Shiber, who tours the different countries of the world every summer (in less than 80 days) is studying half-time in the Biology Department at A.U.B. for his M.Sc. and **As'ad Maksad** is working in Kuwait in the field of land scaping. As a "romantic" poet he has this qualification. **Samir Nassar** is doing some graduate work in A.U.B. beside working with an Insurance Company. **Stepho Stephan** is still in Amman, Jordan.

Class of 1959

This is the latest class to graduate from our School.

Hagob Isbentchian and **Nazih Najjar** started their own poultry farms in Lebanon. **Suhayl Halabi** is teaching sciences in some schools in Beirut.

Na'im Kazak and **Fuad Yunis** are working with the Ministry of Agriculture in Libya. **Umar Abu Muslih** is a farm superintendant in Morroco. **Najib Matar** is representing our school in Oman where he is working on the improvement of Agriculture.

Fayez Khasawinah who was working for a short time with Aramco and A.U.B. is now managing a farm in Jericho, Jordan. **Yunan Badawi** is appointed by our School as Assistant Instructor in Agronomy, while **Bassam Kaddurah** works in the Agricultural Engineering Division.

Some "ambitious" members are **Ghazi Sarkis** doing graduate work in Animal Science at A.U.B. A few of his colleagues are studying abroad; "**Tino**" **Rubeiz** is working on problems in Horticulture and **Ziad Shehadeh** is studying an original field of study, fisheries. Also **Bahram Bahmanyar** after visiting his home in Iran, left for the United States to study for his Master's degree. **Walid Salam** is self employed in Beirut and still having a good time.



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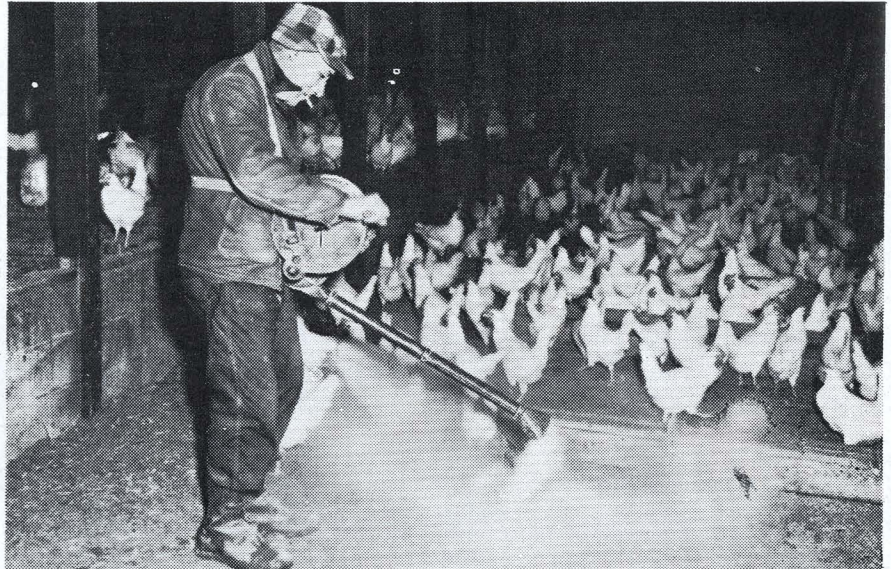
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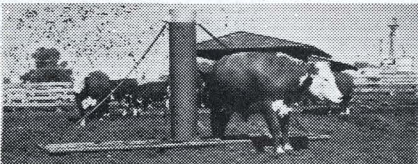
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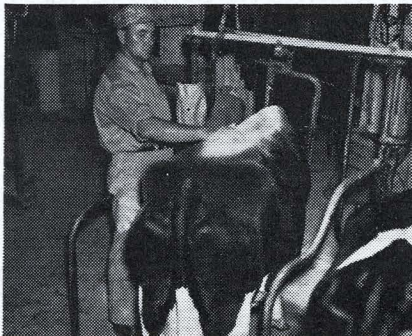


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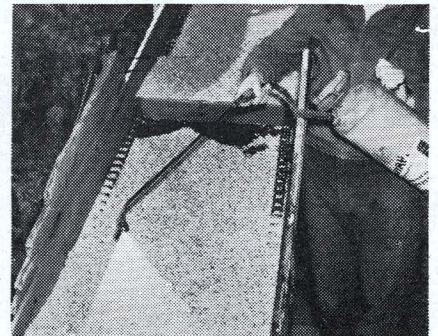
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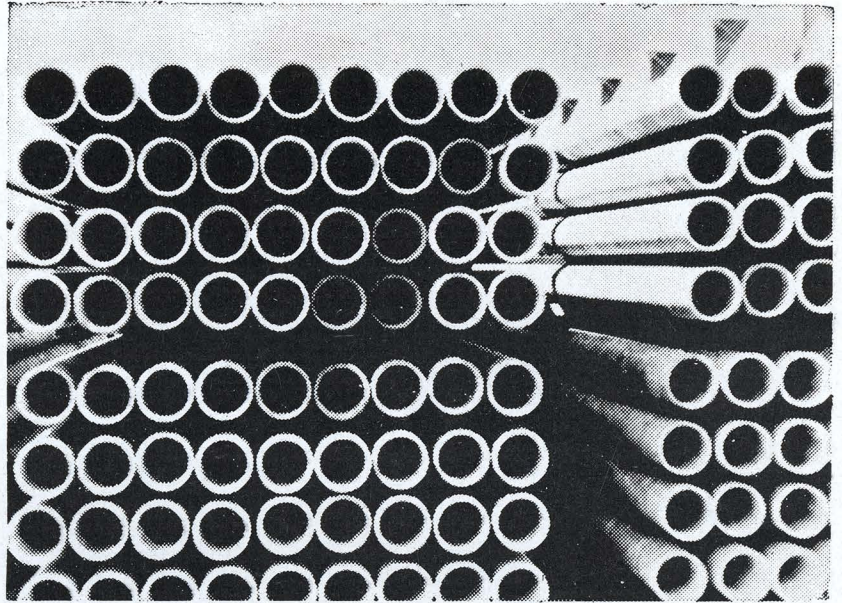
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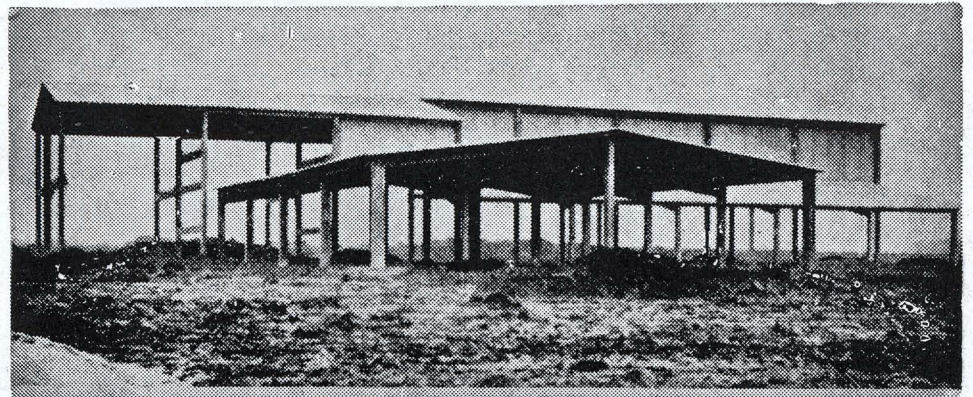
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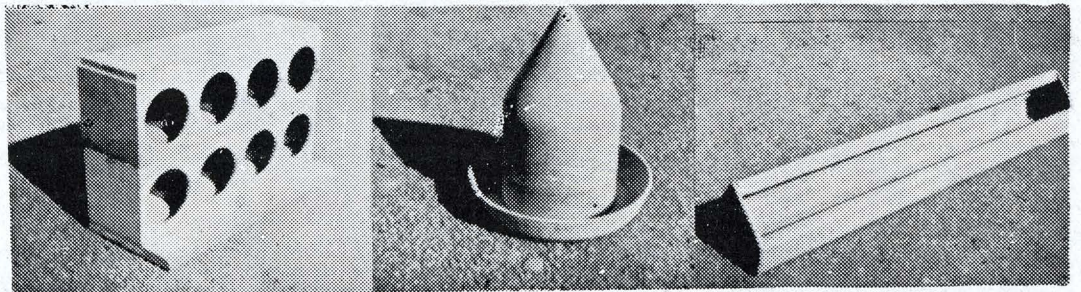
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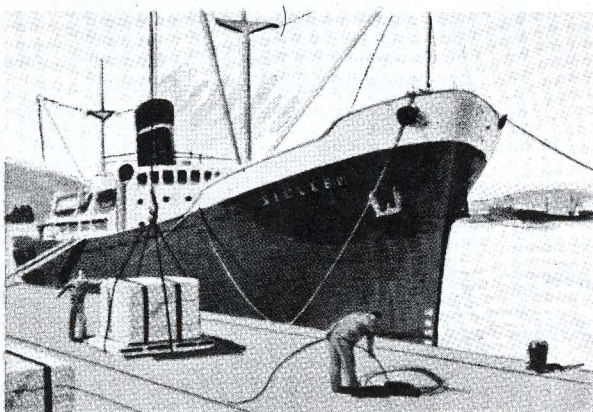
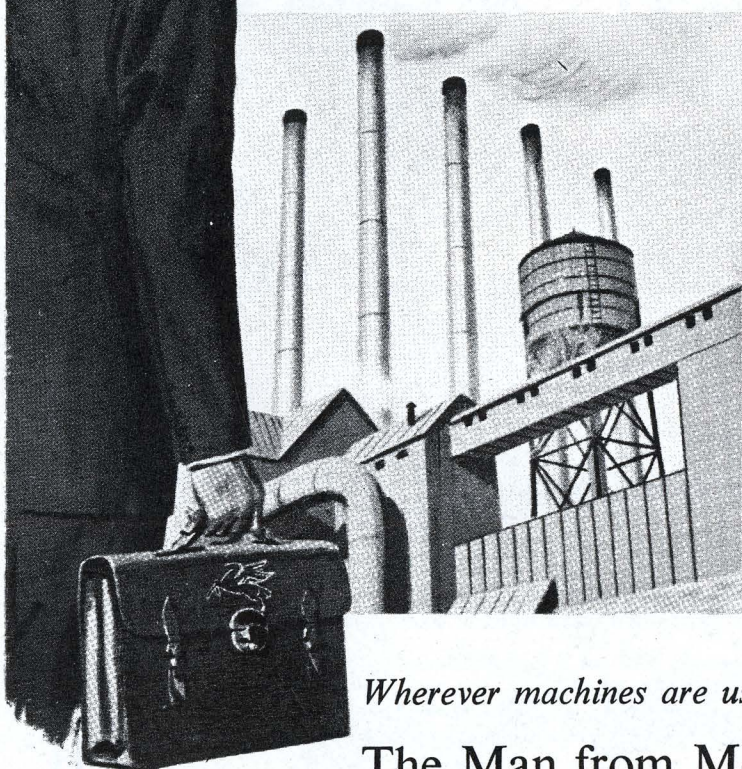
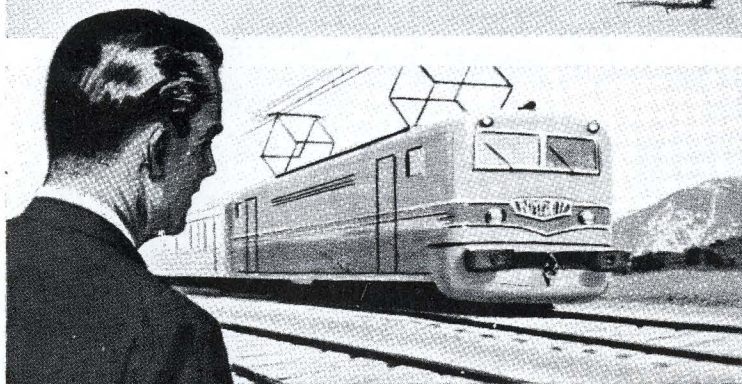
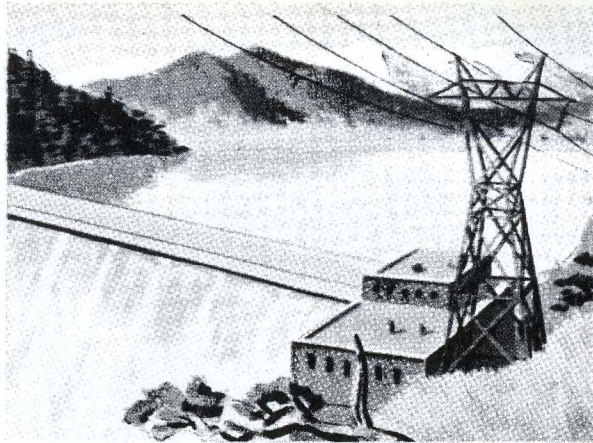
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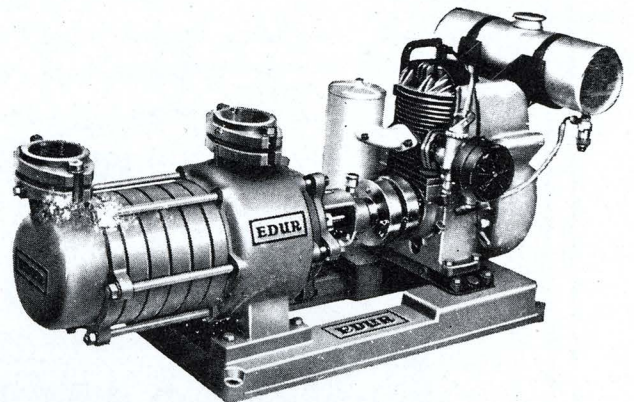
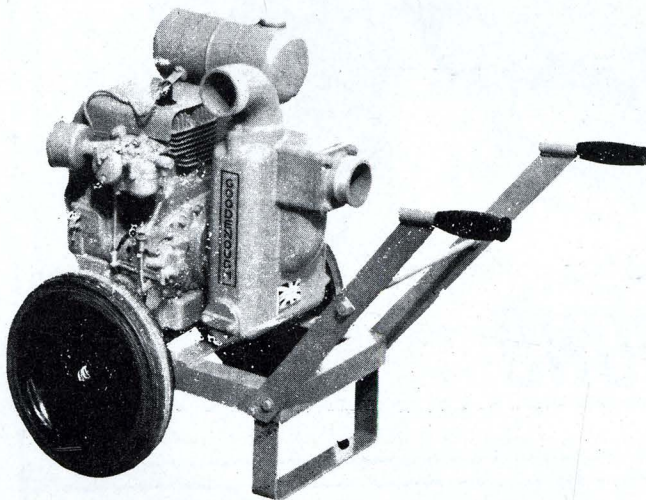
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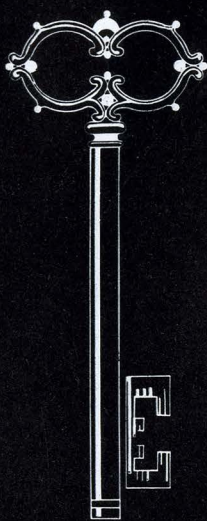
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SUMMARY*

Thirty - one soil samples were collected from various areas in Lebanon and planted to lettuce and barley in the greenhouse with additions of various combinations of nitrogen, phosphorus, and potassium.

Practically all of the soils gave increased plant growth of lettuce with the addition of nitrogen and phosphorus together. Only in one soil was there a possible increase in growth due to the addition of potassium.

Of the 29 soil samples planted to barley, nearly all showed response to nitrogen. Except for 3 samples, however, this response was only slight unless phosphorus was also added. In no case did potassium appear to increase the plant growth.

It appears from these limited tests that the soils of Lebanon are quite deficient in both nitrogen and phosphorus.

* From Publication No. 1 - June 1955,
By Dr. Fred Adams & Antoine Sayegh



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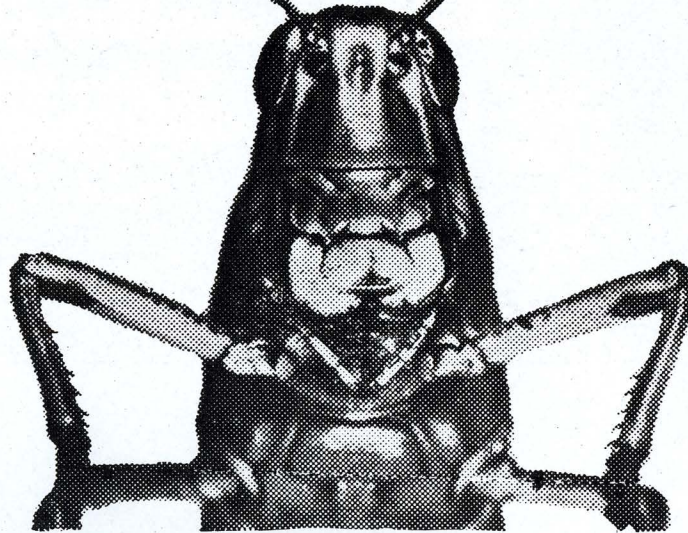
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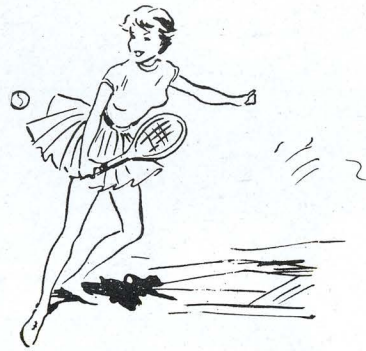
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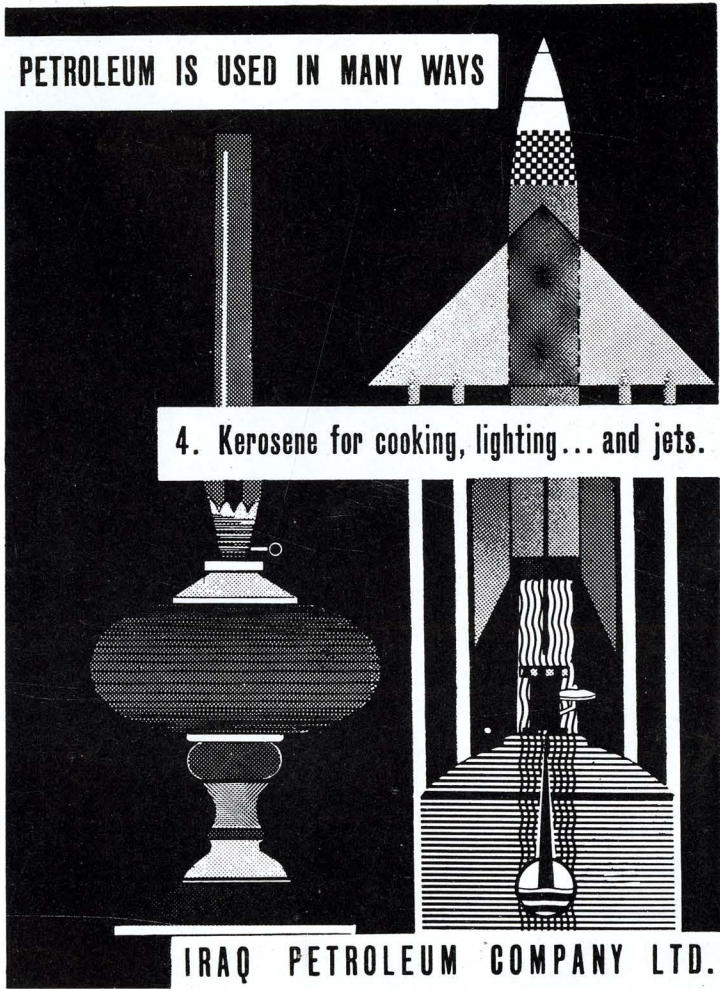
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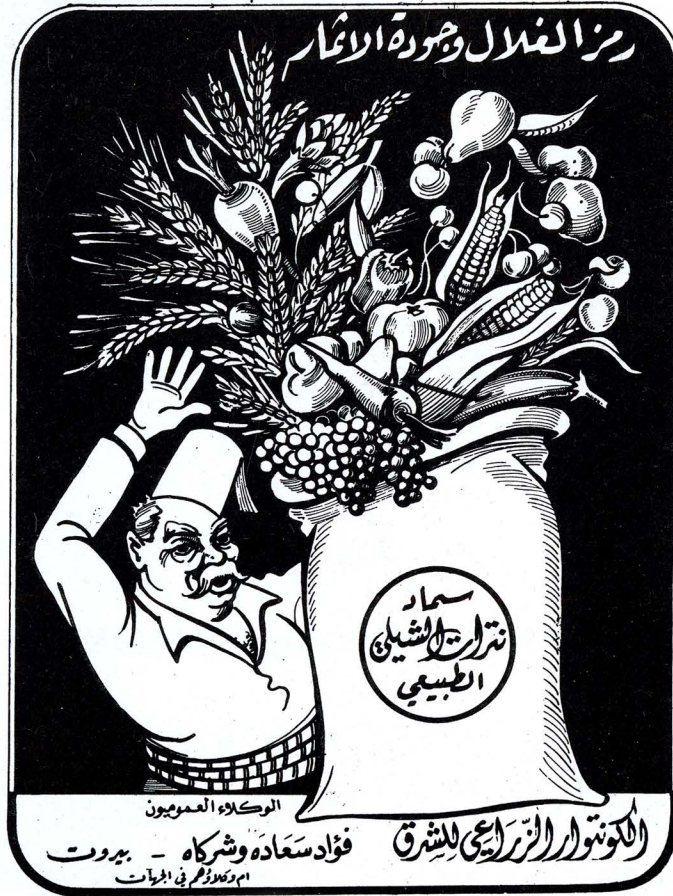


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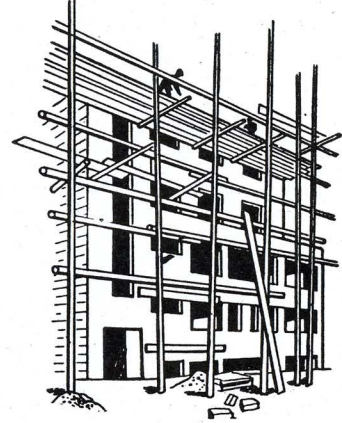
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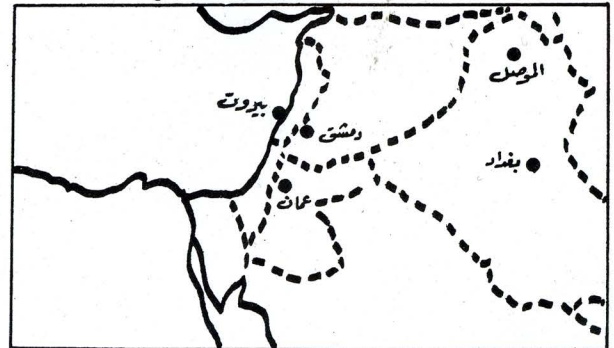
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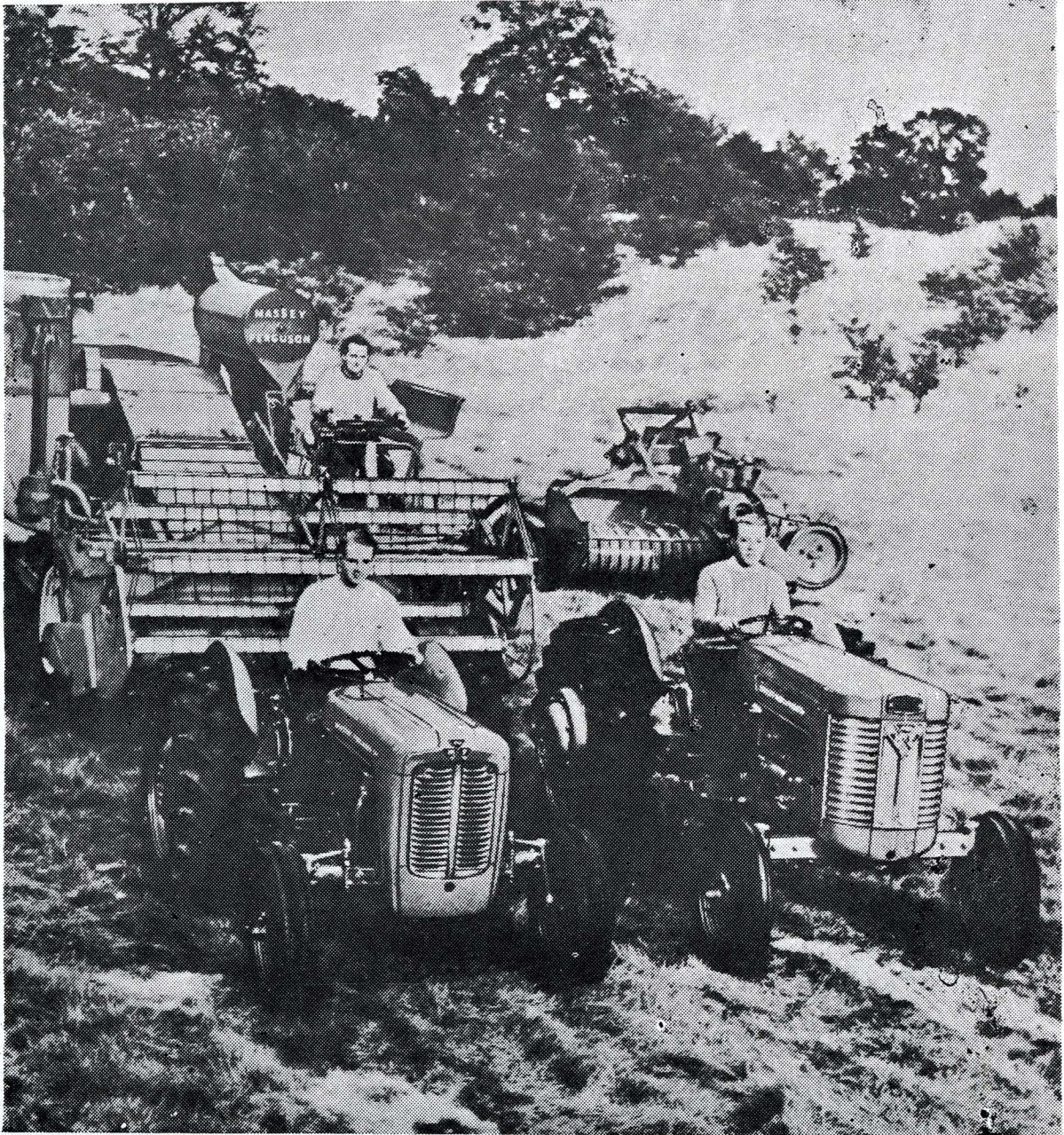
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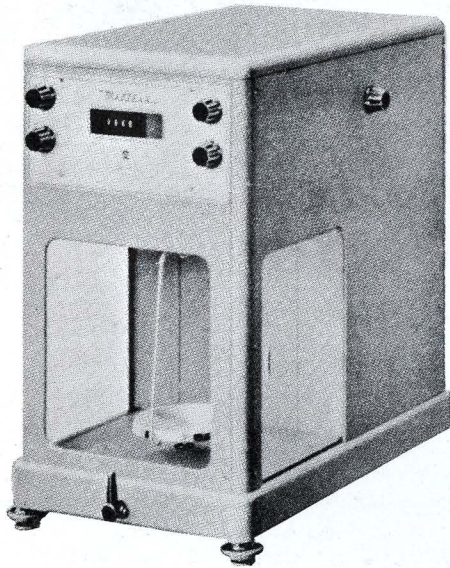
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هاتف : ٢٧٣٤٥

UNION PHARMACEUTIQUE D'ORIENT

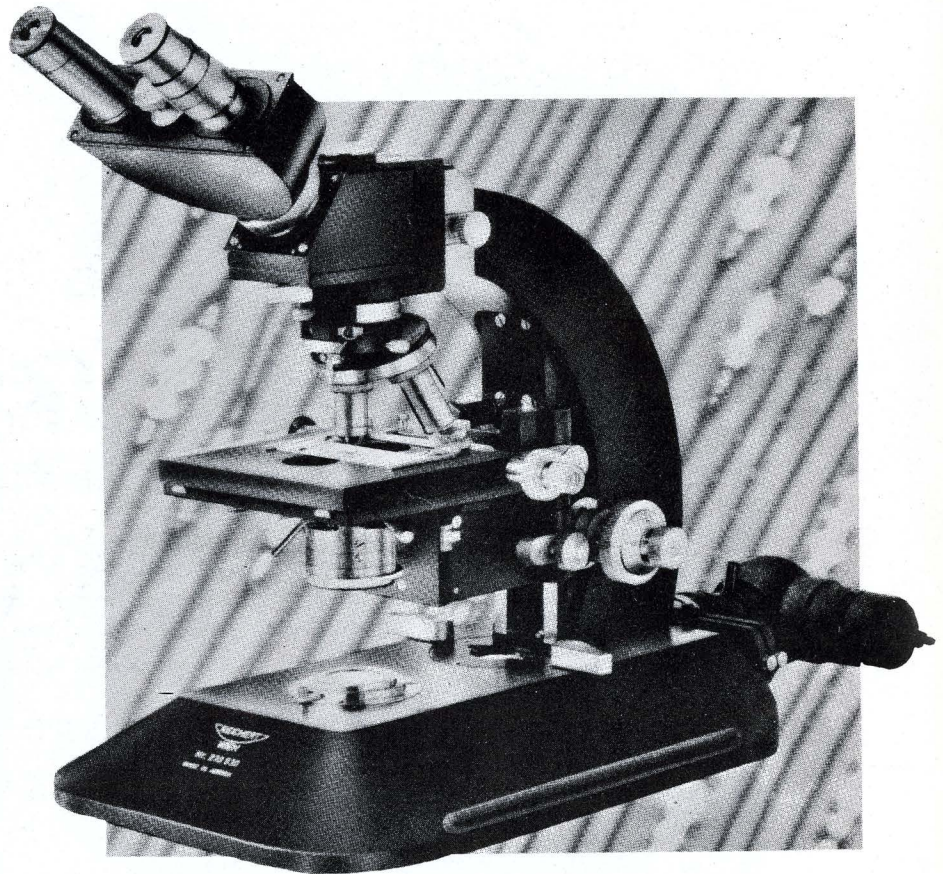
N. KHALYL, O. MAJDALANI & Cie



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- simplicité
- précision
- robustesse
- rapidité



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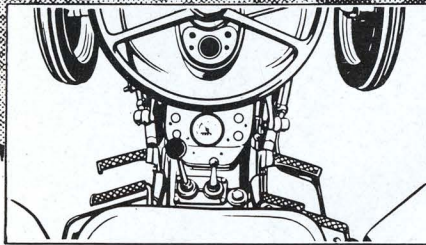
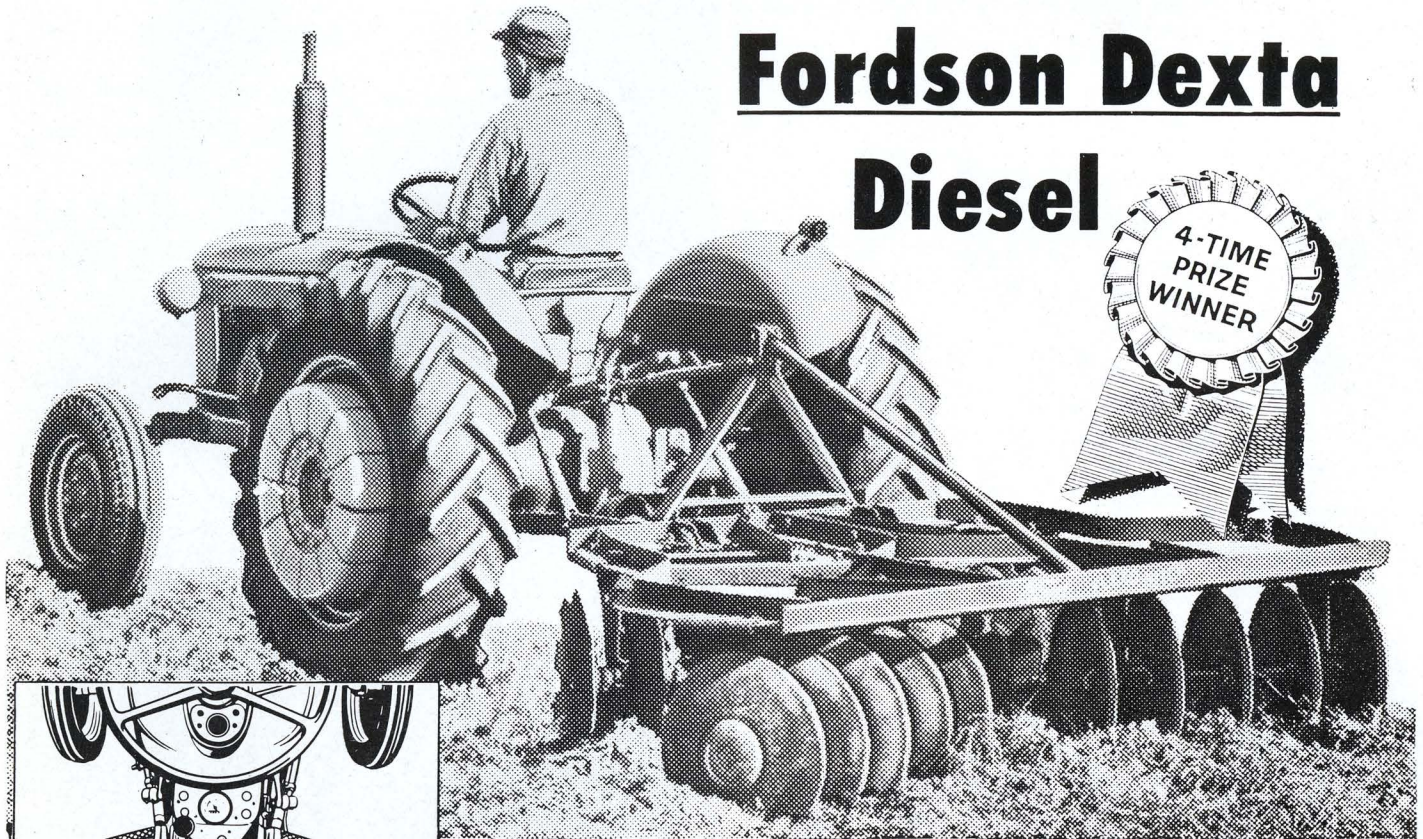
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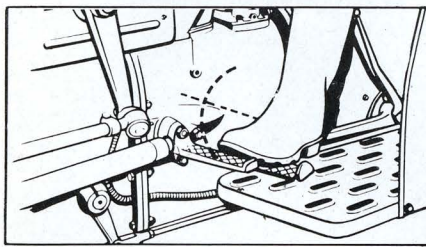
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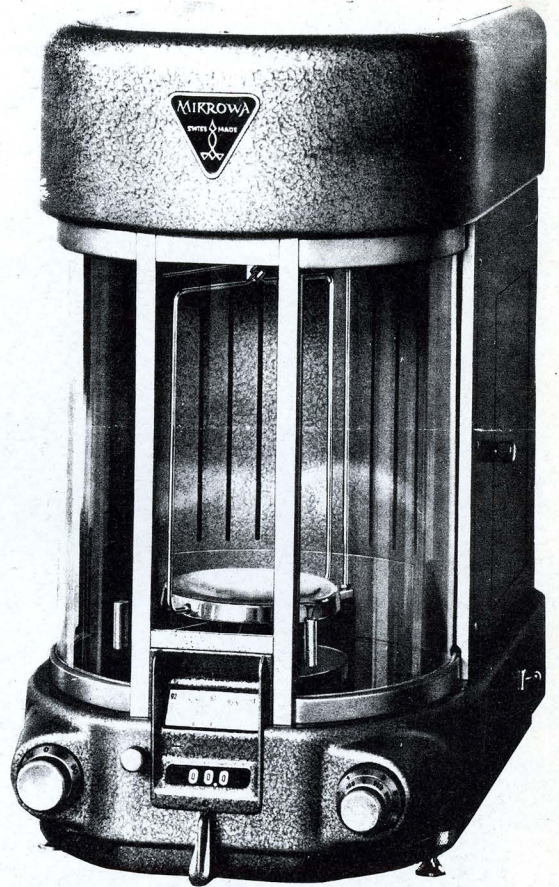
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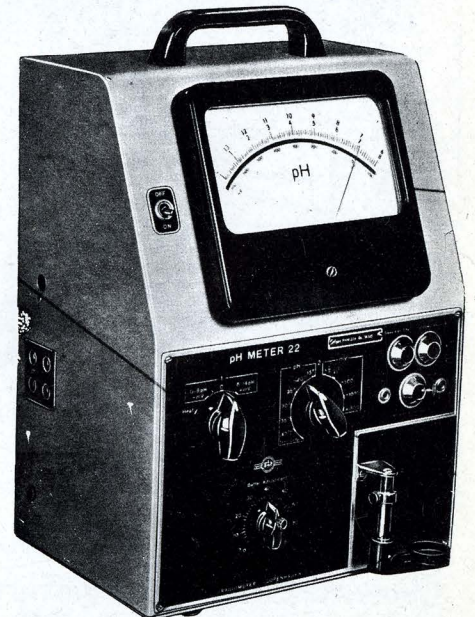
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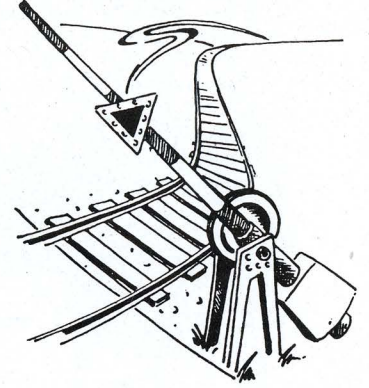
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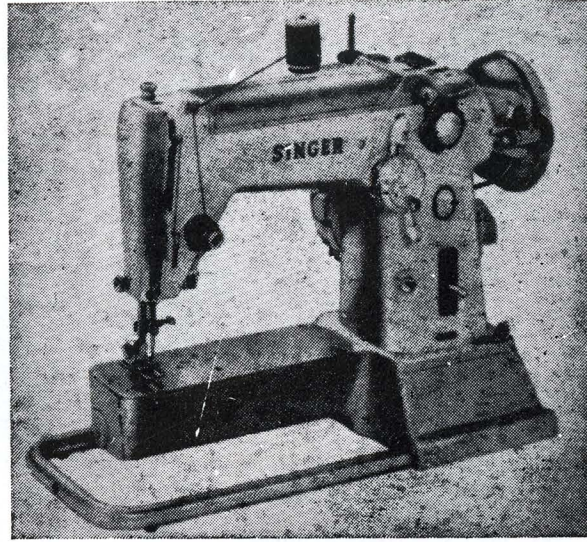
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Wadih Jreissati et Frères

MATERIAUX DE CONSTRUCTION

ARTICLES SANITAIRES CHAUFFAGE CENTRAL

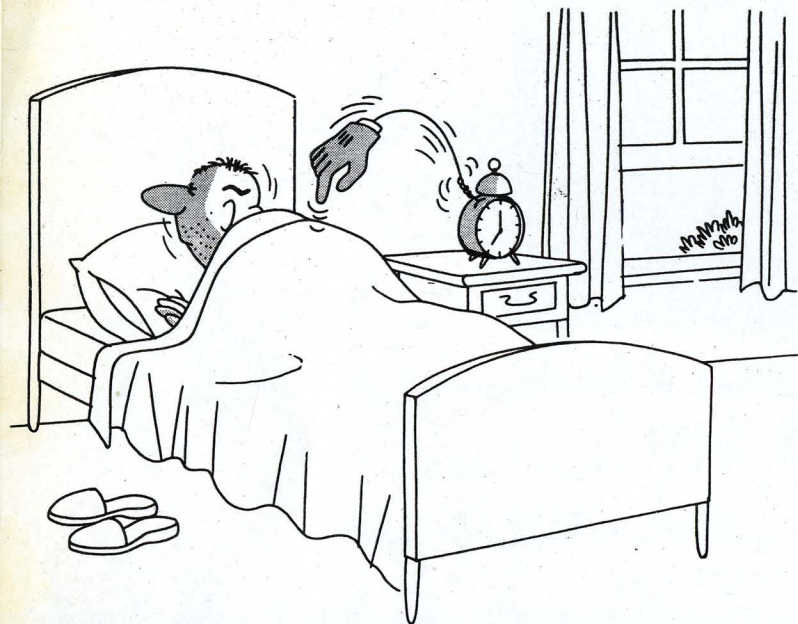
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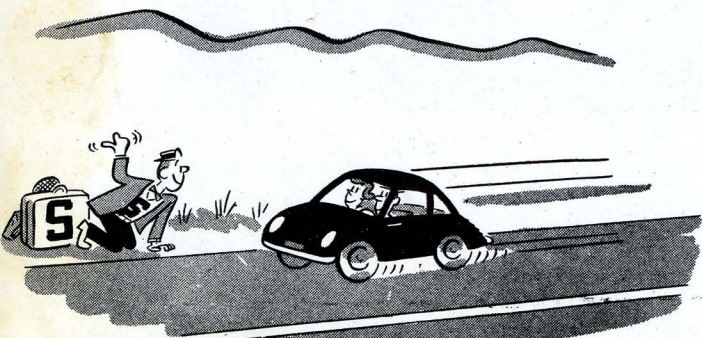
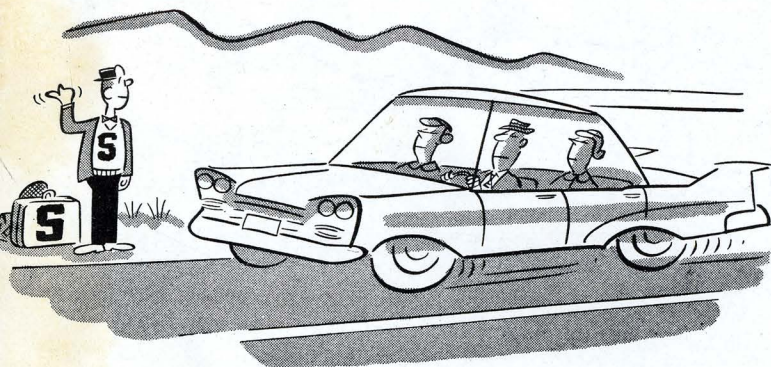
KEEP A STRAIT FACE



WAKING UP AT THE A.U.B. FARM

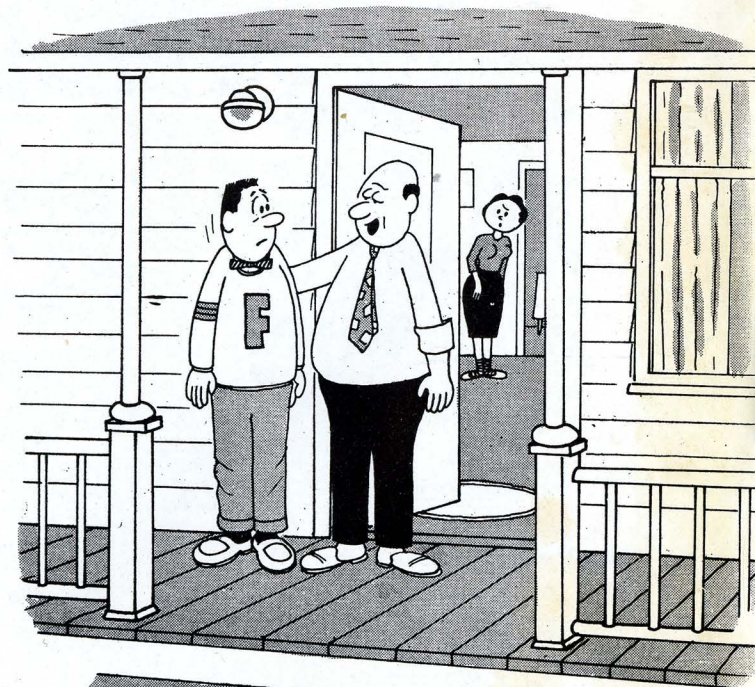


"Actually, the M stands for 'Mother'."



Big America

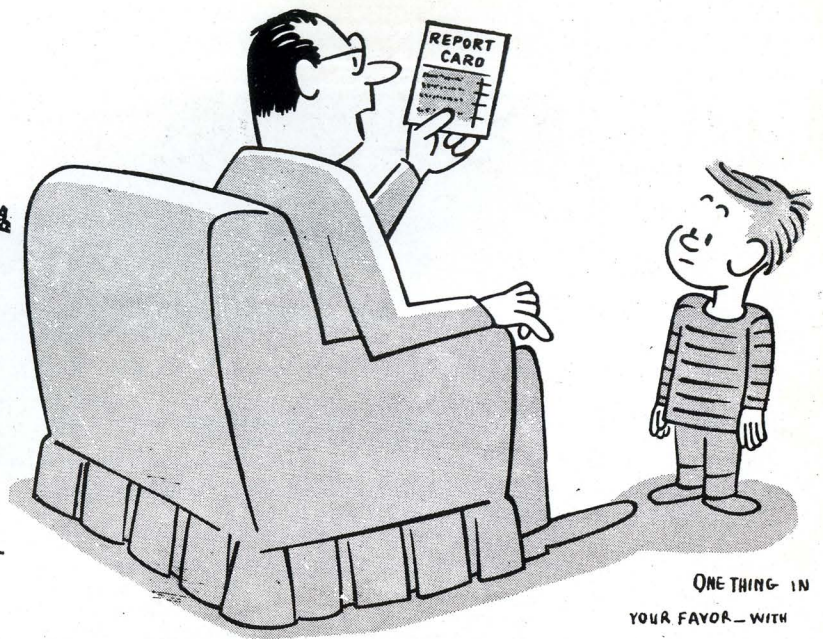
CHEAP TRANSPORTATION TO THE FARM



"I like you, son—it's just that we feel our refrigerator is too young to go steady."



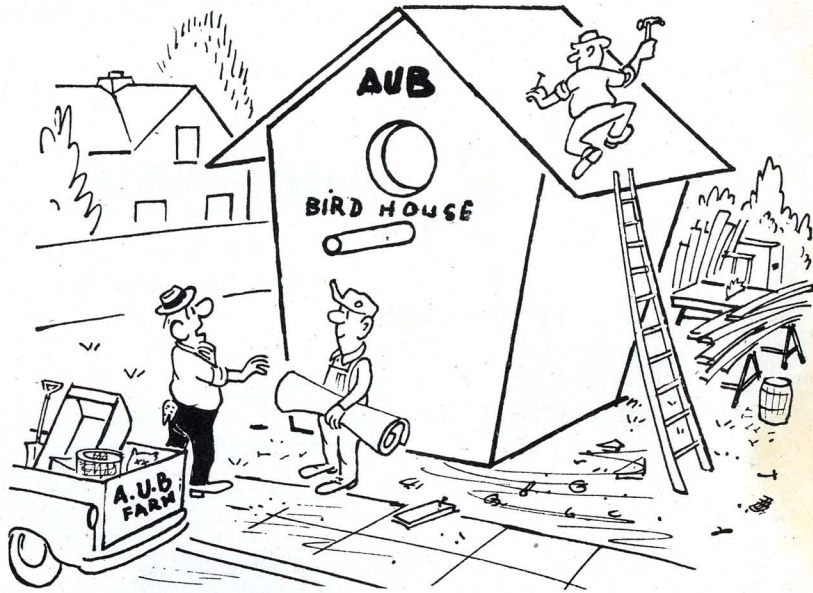
... SO YOU THINK IT'LL BE SAFER IN AGRICULTURE



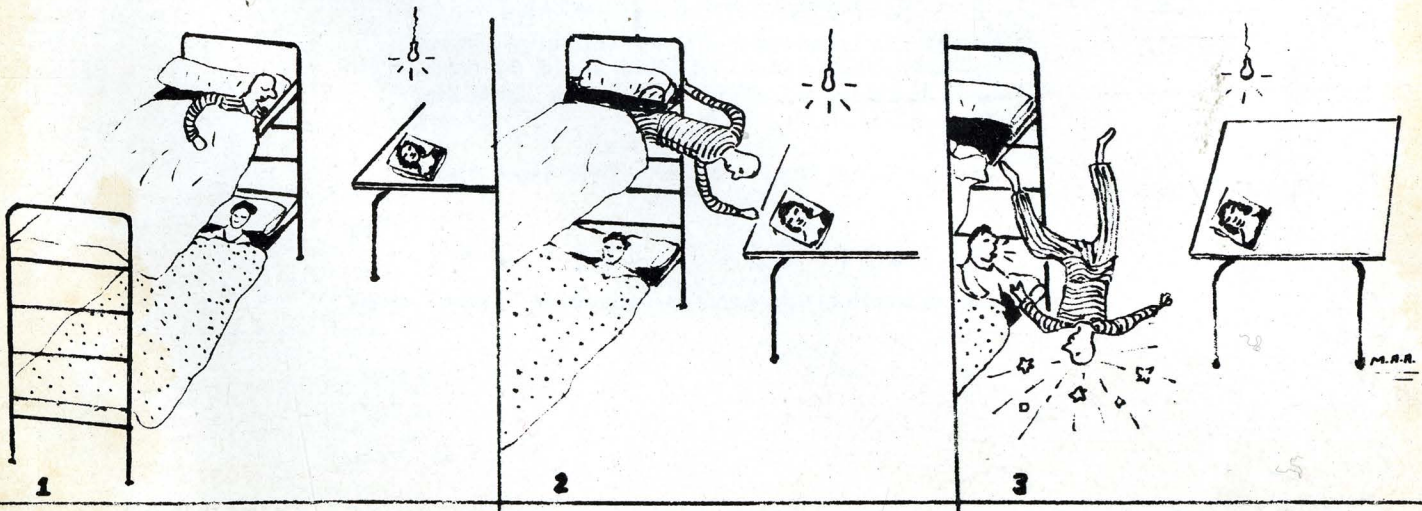
ONE THING IN YOUR FAVOR - WITH THESE GRADES YOU COULDN'T POSSIBLY BE CHEATING



WHEN YOU GRADUATE YOU WILL KNOW YOUR AIMS ARE MORE DOWN-TO-EARTH



LET'S CHECK THOSE PLANS AGAIN



1

2

3

M.A.R.

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