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*Philip van Raup*  
*16 Aug. 1987*



## **PROGRAMME**

**Vth EUROPEAN CONGRESS OF AGRICULTURAL  
ECONOMISTS**

# **RESOURCE ADJUSTMENT AND EUROPEAN AGRICULTURE**

**BALATONSZÉPLAK, HUNGARY  
1987.**

V. EUROPEAN CONGRESS OF AGRICULTURAL ECONOMISTS

Balatonszéplak, Hungary, 31 August - 4 September 1987

RESOURCE ADJUSTMENT AND EUROPEAN AGRICULTURE

Organized by:

EAAE: European Association of Agricultural Economists

MAE: Hungarian Society of Agricultural Sciences

Under the Auspices of:

Hungarian Academy of Sciences  
Karl Marx University of Economic Sciences  
Ministry of Agriculture and Food  
Ministry of Financial Affairs

Programme Committee:

Chairman: G. van Dijk (Netherlands)

Members: Cs. Csáki (Hungary)  
D. Harvey (U.K.)  
Y. Leon (France)  
M. Merlo (Italy)  
F. Tomczak (Poland)

National Organizing Committee:

Cs. Csáki  
I. Dimény  
K. Kazareczki  
V. Marillai  
J. Rednágel  
A. Sipos  
F. Vági

Conference Manager:

Cs. Forgács

Programme Manager:

M.S. Kostyál

Computer Services:

J. Tóth

Conference Secretary:

Cs.B. Takács

Conference Address:

FAAE Congress (Mrs. Csilla B. Takács)  
Hungarian Society of Agricultural Sciences  
H-1055 Budapest,  
Kossuth tér 6-B,  
Telephone: 36-1-530-651  
Telex: 227591 MAE/H

The Congress is sponsored by:

Association Budatej  
Association of State Farms  
Bábolna Agricultural Combine  
Balatonboglár Agricultural Combine  
Council of Somogy County  
Dairy Trust  
Gyöngyöspata 'Mátrai Joint' Cooperative Farm  
Helvécia State Farm  
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Hungarian Academy of Sciences  
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Ministry of Agriculture and Food  
Ministry of Financial Affairs  
Monor State Farm  
National Council of Agricultural Cooperatives  
National Planning Bureau  
Nemesgulács Badacsony Cooperative Farm  
Sopron State Farm

### Congress Site

The congress will take place in a congress and holiday center (SZOT Rest House) located in the Balaton area of Hungary. It is situated right on the lake near the city of Siófok, which is the capital of the Balaton area. The Lake Balaton area is the main summer vacation and holiday resort of Hungary. It is situated about 110 km South-West of Budapest. The Lake, which is the largest one in Central Europe, is known for its warm and pleasant water, its excellent sailing conditions and the outstanding wine produced on the surrounding volcanic hills.

The Congress Center offers accommodation and recreation facilities (tennis courts, indoor swimming pool etc.).

### Address:

Ezúspart SZOT Üdülõ  
Balatonszéplak-felső  
Liszt Ferenc sétány 3.

### Conference Bureau:

The conference bureau will be established at Balatonszéplak from Sunday (August 30, noon) to Friday (September 4, evening).

Phone: 36-84-13622  
36-84-13009

### Conference Registration:

When you arrive at Balatonszéplak, please register. The registration bureau will be open on

August 30 from 2 p.m. to 10.30 p.m.  
August 31 from 8 a.m. to 10.30 p.m.

You will receive your congress documents on registration.

Travel Connections:

Balatonszéplak can be reached easily by car, train or air (via Budapest airport).

By car:

Participants entering Hungary at Hegyeshalom (from the West) or at Rajka (from the North) are advised to travel through Győr - Veszprém and Siófok to Balatonszéplak. For alternative routes and details see the enclosed road map of Hungary.

By air and by train:

A bus service will be organized between the airport and the East and West Railway Stations of Budapest and the Congress site. Please look for the EAAE sign. You will find all the details in the enclosed leaflet.

If you wish to travel on your own please note that a regular train service operates between Budapest South Railway Station and Siófok. The first class fast train ticket costs about 150 Ft. We recommend that you take a taxi from Siófok station to Balatonszéplak-felső (cost: about 150 Ft) or take bus No. 1.

Budapest Déli Pályaudvar (Southern Station) <u>Departure</u>	Siófok Station <u>Arrival</u>
12.15 p.m.	2.05 p.m.
5.10 p.m.	6.43 p.m.
6.55 p.m.	8.45 p.m.

Visa-Currency:

When entering Hungary an entry visa is required (except for visitors from CMEA countries, Yugoslavia, Austria, Finland, and Sweden). Visa can be obtained at Ferifegy Airport or at the border crossings of roads but not on boards train or ships. Nevertheless we recommend that you obtain your visa in advance at the Hungarian Embassy or Consulate in your country. There is no compulsory money exchange and no restriction on the amount of foreign currency that may be brought into Hungary. Please note that you are allowed to take a maximum of 100 Ft (Hungarian currency) into the country in coins.

T I M E T A B L E

SUNDAY		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY	
		8.00-22.30	Registration	9.00-10.30	Plenary Session	9.00-10.30	Plenary Session	9.00-10.30	Plenary Session	9.00-10.30	Plenary Session
		10.00-11.00	Business Meeting of Chairpersons	10.30-11.00	Break	10.30-11.00	Break	10.30-11.00	Break	10.30-11.00	Break
		12.30-14.00	Lunch	11.00-12.30	Working Group Sessions	11.00-12.00	Plenary Session	11.00-12.30	Working Group Sessions	11.00-12.00	EAAE Assembly
14.00 - 22.30,	Registration	14.00-14.45	Opening Ceremony	12.30-14.00	Lunch	12.30-Half-day excursion		12.30-14.00	Lunch	12.00-13.00	Closing Session
17.00-19.00	Meeting of the EAAE Executive Committee	14.45-15.30	Presidential Address	14.00-15.30	Working Group Sessions			14.00-15.30	Working Group Sessions	13.00	Lunch
		15.30-16.00	Break	15.30-16.00	Break			15.30-16.00	Break	14.00-16.00	Meeting of the EAAE Executive Committee
		16.00-17.30	Plenary Session	16.00-17.30	Working Group Sessions			16.00-17.30	Working Group Sessions	16.00-17.30	Working Group Sessions
		18.00-19.00	Meeting of Liaison Officers	18.00-19.30	Poster Sessions	/ending with dinner/		18.00-19.30	Poster Sessions		
		20.00	Opening Party					20.00-	Closing Banquet		



## SCIENTIFIC PROGRAMME

### PLENARY SESSIONS:

Plenary papers will be presented in English and French with simultaneous translation in English, French and Hungarian.

Plenary papers will be distributed free of charge to Congress participants in English or French. The plenary sessions will be presided over by a chair person. Every speaker will have 15-20 minutes for presenting the paper. Subsequent to the presentation one discussion opener will review the paper. About 45 minutes will be provided for the discussion.

Monday, 31 August, 2 p.m.

### Opening Session:

Opening addresses: I. DIMÉNY Vice President of MAE  
J. VÁNCSA Minister for Agriculture and Food  
I. GYENESEY President, Somogy County Council

Presidential address: C.H. HANF President of EAEE

Monday, 31 August, 4 p.m.

### EUROPEAN AGRICULTURE AND WORLD FOOD SUPPLY

Chairman: A. SIPOS (Hungary)  
Rapporteur: J. BRIZ ESCRIBANO (Spain)  
Discussion opener: J. DE VEER (Netherlands)

Speakers: D. COLMAN (U.K.)  
The Common Agricultural Policy in Conflict  
with Trade and Development

W. HENRICHSMEYER (F.R.G.)  
A. OSTERMEYER-SCHLOEDER (F.R.G.)  
Productivity Growth and Resource Adjustment  
in E.C. Agriculture

Tuesday, 1 September, 9 a.m.

EUROPEAN AGRICULTURAL POLICIES IN A GLOBAL CONTEXT

Chairman: O. BOLIN (Sweden)  
Rapporteur: J. KRZYZANOWSKI (Poland)  
Discussion opener: A. WEBER (F.R.G.)

Speakers: B. BALASSA (U.S.A.)  
Agriculture Policies and International  
Resource Allocation

I. PÁLDOVICS, T. ÚJHELYI (Hungary)  
European Agricultural Policy in a Global  
Aspect with Special Reference to the European  
CMEA Countries

Wednesday, 2 September, 9 a.m.

ECONOMIC SYSTEMS & RESOURCE ADJUSTMENT

Chairman: V. NAZARENKO (U.S.S.R.)  
Rapporteur: A. SARRIS (Greece)  
Discussion opener: C. RITSON (U.K.)

Speakers: A. HENZE, J. ZEDDIES (F.R.G.)  
E.E.C. - Programmes, Economic Effects and  
Cost Benefits Consideration on Adjustment in  
E.E.C. Agriculture

J. WILKIN (Poland)  
The Induced Innovation Model of Agricultural  
Development and the Socialist Economic System

Wednesday, 2 September, 11 a.m.

HUNGARIAN AGRICULTURE

Chairman: M. MERLO (Italy)

Speakers: B. CSENDES (Hungary)  
Hungarian Farm Policies

F. FEKETE, L. SZÉNAY (Hungary)  
Adjustment Capacities in Cooperative Farming

L. NÉMETHI (Hungary)  
Growth and Efficiency in the Hungarian  
Agriculture

Thursday, 3 September, 9 a.m.

RESOURCE ADJUSTMENT AND FARMING STRUCTURES

Chairman: J.A. MURPHY (Ireland)  
Rapporteur: S. PASZKOWSKI (Poland)  
Discussion opener: A. WOS (Poland)

Speakers: I. LANG, L. CSÉTE, ZS. HARNOS (Hungary)  
The Enterprisal System of an Adjusting  
Agriculture in Hungary

R. OLSSON (Sweden)  
Management for Success in Modern Agriculture

Friday, 4 September, 9 a.m.

AGRICULTURE: ECONOMICS AND ECOLOGY

Chairman: G. BARBERO (Italy)  
Rapporteur: A. GUERKAN (Turkey)  
Discussion opener: P. SOEDERBAUM (Sweden)

Speakers: F. BONNIEUX, P. RAINELLI (France)  
Agricultural Policy and Environment in  
Developed Countries

C.T. DE WIT (Netherlands)  
The Agricultural Environment in the European  
Community

Friday, 4 September, 11 a.m.

EAAE Assembly

Friday, 4 September, 12 noon

Closing Session

#### WORKING GROUPS:

Every working group will convene for two to four sessions, in which 6-10 papers will be presented in English or French. Abstracts in English or French of all working papers will be available free of charge and in addition every participant will obtain all papers of 2 working groups during the Congress (2 sets). It is also possible to buy additional sets for 3 USD/set.

A sufficient number of rooms are available. All rooms are equipped with overhead projectors.

A1 World Food Supply

A2 Agriculture in the National Economy

A3 Comparative Agricultural Problems and Trade

A4 Grain Policies

A5 Natural Resource Conservation and Forestry

A6 Institutional and Structural Change

A7 Farm Structure and Production Systems

A8 Agricultural Research and Productivity Measurement

A9 Agricultural Technology and Changing Resource Use

B1 New Technologies in Dairy Production

B2 Agricultural Policies

B3 Land and Capital

B4 Labour Adjustment and Social Problems

B5 Off-farm Employment and Regional Development

B6 Food Industry and Marketing

B7 Agrobusiness

B8 Farm Management

B9 Information-Communication Systems and Computers

TIMETABLE FOR WORKING GROUP SESSIONS

		A1	A2	A3	A4	A5	A6	A7	A8	A9	B1	B2	B3	B4	B5	B6	B7	B8	B9
TUESDAY	11.00 a.m. - 12.30 p.m.	/	/	/	/	/	/	/	/	/									
	2.00 p.m. - 3.30 p.m.	/	/	/	/	/	/	/	/	/									
	4.00 p.m. - 5.30 p.m.										/	/	/	/	/	/	/	/	/
THURSDAY	11.00 a.m. - 12.30 p.m.	/	/	/	/	/	/	/	/	/									
	2.00 p.m. - 3.30 p.m.			/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	4.00 p.m. - 5.30 p.m.										/	/	/	/	/	/	/	/	/

GROUP A1

WORLD FOOD SUPPLY

Chairman: D.K. BRITTON (U.K.)  
Rapporteur: K. ORTNER (Austria)

Speakers:

Tuesday, 1 September, 11 a.m. - 12.30 p.m.

J. KLATZMANN (France): And if the Problem was to Increase Agricultural Production?

N. ALEXANDRATOS, J. BRUNSMAS (Italy): Agriculture: Towards 2000

A. WEBER (F.R.G.): Assessment of the Food Production Potential. European and World Agriculture

Tuesday, 1 September, 2 p.m. - 3.30 p.m.

D. KIRSCHKE (Belgium), H.E. JAHNKE (F.R.G.): The Self-Sufficiency Syndrome in Agricultural Policy

A. ÉLIÁS, T. ÚJHELYI (Hungary): World Food Situation and the Future of Hungarian Agricultural Exports

DUSAN TOMIC (Yugoslavia): Scientific Approach to the Agricultural Development and Agricultural Resource Adjustment

Thursday, 3 September, 11 a.m. - 12.30 p.m.

A. MATTHEWS (Ireland): African Agricultural Development: Outward-looking Strategies and the "Food First" Critique

J. DE HOOGH (Netherlands): Agricultural Policies in Industrial Countries and Their Effects on the Third World (A critical view on the comparative static analysis of a dynamic process)

M. DUCZKOWSKA-PIASECZKA (Poland): Food Security and Agriculture (Case Study of Poland)

Distributed Paper

A.K. BHATTACHARYYA (India): Consumption Expenditure of Agricultural Labourers in Rural India

Chairman: G.H. PETERS (U.K.)  
Rapporteur: I. HARALDSSON (Sweden)

Speakers:

Tuesday, 1 September, 11 a.m. - 12.30 p.m.

C. TAVERA (France): The Philips Curve: Industrial and Food Sectors Facing a Contradiction

K. MATTAS (Greece): Sectorial Investment Effects and Policy Goals

I. CUPIC (Yugoslavia): Regional and Structural Characteristics of Agricultural Investments and Their Participation in the Total Investment of Yugoslav Economy

Tuesday, 1 September, 2 p.m. - 3.30 p.m.

A. TANDV, P. MISHEV (Bulgaria): Agriculture in the National Economy of P.R. Bulgaria

F.B. SOARES (Portugal), J.M. BOUSSARD (France): A General Economy Linked Model for the Portuguese Agricultural Sector

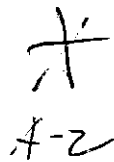
A.WOS, T.LONC (Poland): Resources in Polish Agriculture: Prospects for Alternative Lines of Development

Thursday, 3 September, 11 a.m. - 12.30 p.m.

S. HADZIVUKOVIC, S. RELJIN (Yugoslavia): Production Factors and Agricultural Output in Yugoslavia

S. GRABOWSKI (Poland): Structural Factors Conditioning the Development of Individual Farming in Poland

A. ONISHCHENKO (U.S.S.R.): Specialization and Cooperation as the Factors of the Agrarian Resources' Effective Utilization in the U.S.S.R.



GROUP A3

COMPARATIVE AGRICULTURAL PROBLEMS & TRADE

Chairman: I. BENET (Hungary)  
Rapporteur: N. JELENSKI (Bulgaria)

Speakers:

Tuesday, 1 September, 11 a.m. - 12.30 p.m.

J. NOWAK, C. KOS (Poland): Agricultural Resource Adjustment in Market and Centrally Planned Economies: a Comparative Review of the Main Problems and Solutions

S. KJELDSEN-KRAGH (Denmark): Who is Subsidizing the Agricultural Sector Most - the E.C. or the U.S.?

J.C. PURCELL (U.S.A.): Emerging Technologies and Competitiveness in International Agricultural Commodity Markets

Tuesday, 1 September, 2 p.m. - 3.30 p.m.

H. SMIT, K. BURGER (Netherlands): Short-Term and Long-Term Outlook for the Rubber Market in the Presence of a Bufferstock

D. LANGE (F.R.G.): Economic Development and "Revealed" Comparative Advantage in the International Trade of Processed Agricultural Products - An Empirical Cross Country Analysis

M. HAGY-ORBÁN (Hungary): Sources and Export-Import Relationship of Domestic Food Consumption

Thursday, 3 September, 11 a.m. - 12.30 p.m.

A. SWINBANK, C. RITSON (U.K.): The CAP, Customs Unions and the Mediterranean Basin

K. NAGY (Hungary): Agricultural Infrastructure in Hungary

G.H. PETERS (U.K.): Agricultural Commodity Trade. The Issue of Variable Exchange Rates

Thursday, 3 September, 2 p.m. - 3.30 p.m.

I. LUTZOV (Bulgaria): Planning of Agriculture in the Conditions of the New Economic Mechanism for National Economy Management

J.B. ESCRIBANO (Spain), T. FERENCZI (Hungary): Perspectives of the



Agricultural Development as a Resource Adjustment in the Spanish and Hungarian Economy

E. BORSZÉKI, S. MÉSZÁROS, G. VARGA (Hungary): Impact of the Value of Resources on the Competitiveness of Hungarian Agricultural Commodities

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GROUP A4

GRAIN POLICIES

Chairman:  
Rapporteur:

M. PETIT (France)  
T. BECKER (F.R.G.)

Speakers:

Tuesday, 1 September, 11 a.m. - 12.30 p.m.

H. DE GORTER, K.D. MEILKE (Canada): Supply Versus Price Controls in the E.E.C. Wheat Sector

K.J. MUNK (Belgium): The Introduction of the Co-responsibility Levy for Cereals on Surplus Production

M.D. NEWMAN (U.S.A.): U.S. - E.C. Grain Trade Conflict: An Assessment of Policy Proposals and Experience

Tuesday, 1 September 2 p.m. - 3.30 p.m.

T. BECKER, H. TERWITTE (F.R.G.): Marketing the E.C. Grain Surplus - the Role of Futures Markets

GY. SZÓKE (Hungary): Impacts of Movements of World Market Price and Exchange Rates on the Hungarian Grain Export

O. HARVEY (U.K.): Grain Policy Problems and Prospects

Thursday, 3 September, 11 a.m. - 12.30 p.m.

L.P. MAHE (France): An Approach to Build a Comprehensive System of Derived Demand for Feed Ingredients

K.J. THOMSON (U.K.): Budgetary and Other Effects of E.C. Cereal Policy

F. BLOM (Netherlands): The Past, The Present and Future of E.C. Grain Policy

Chairman:  
Rapporteur:

D. HARVEY (U.K.)  
A. GUERKAN (Turkey)

Speakers:

Tuesday, 1 September, 11 a.m. - 12.30 p.m.

M.A. ANDERSON (U.K.): Protection for Protection's Sake? The Land and Development Dilemma in Britain

L. DRAKE (Sweden): The Value of Preserving the Agricultural Landscape

M. POLELLI, A. SEGALE, P. GIACOMELLI (Italy): Management of Environment in Relation to Agriculture and Protected Areas

Tuesday, 1 September, 2 p.m. - 3,30 p.m.

C. TOUZAN (France): Reform of the Common Agricultural Policy and Protection of the Environment in the Less Favoured Areas

P. SODERBAUM (Sweden): Environmental Problems, Economics and Agricultural Policy

A. BIDAUX, U. GARTNER (Switzerland): Effects of the Limitation of Inputs in Agriculture

Thursday, 3 September, 11 a.m. - 12.30 p.m.

J.D. ESSEKS, S.E. KRAFT (U.S.A.): Factors Influencing the Decisions of Farmers to Conserve Soil Resources

E. KULA (U.K.): The Case for Expanding Timber Resources in Northern Ireland as Part of a Package to Remedy the Problem of Food Surplus

J.R. CRABTREE (U.K.): The Role of forestry in U.K. Agricultural Adjustment

THURSDAY, 3 September, 2 p.m. - 3.30 p.m.

P.B. DE BOER, W. VAN ECK, T.A. DE JONG (Netherlands): Nature and Landscape Conservation by Farms in the Netherlands: Possibilities and First Results

G. SZABÓ (Hungary): Protection and Management of Agricultural Land in Hungary

F. JOHNSEN (Norway): Economic Impacts of Means Against Phosphorus Pollution

A-5  
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from Nonpoint Agricultural Sources

A. SÁNTHA (Hungary): The Role of Harmony between the Ecological and Economic Requirements in the Development of Agrarian Production

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GROUP A6

INSTITUTIONAL AND STRUCTURAL CHANGE

Chairman: K.E. WADEKIN (F.R.G.)  
Rapporteur: P. MAKINEN (Finland)

Speakers:

Tuesday, 1 September, 11 a.m. - 12.30 p.m.

H. VON WITZKE, C. FORD RUNGE (U.S.A.): Institutional Choice in the European Community

E. CHIA (France): Farmers' Management Practice: Looking for a New Theory

J.S. HILLMANN (U.S.A.): Changing Agricultural Constituencies in the U.S.A. and other Advanced Agricultural Societies

Tuesday, 1 September, 2 p.m. - 3.30 p.m.

R. FENNEL (U.K.): Socio-structural Initiatives under the CAP

N. MARAVEYAS (Greece): The Agricultural Structures of Greece and the Common Agricultural Policy Constraints

B. GAZINSKI (Poland): Polish Agriculture: The Agricultural Policy and Structural Changes from 1944 to 1980's

Thursday, 3 September, 11 a.m. - 12.30 p.m.

Z. KOWALSKI (Poland): Allocative Efficiency of Private Farms in Central-Western Macroregion of Poland

F. HEIDHUES (F.R.G.): Rural Financial Markets, Agricultural Credit and Innovation: A Case Study of Cameroon

L. HARZA, J. POPP (Hungary): The Possibilities of Introducing the Value Added Tax in Hungary with Particular Regard to Agriculture

Thursday, 3 September, 2 p.m. - 3.30 p.m.

V. GRBIC (Yugoslavia): Institutional Determinants of the Structural Changes in the Private Sector Agricultural Economy of Yugoslavia

K. DUCZKOWSKA-MALYSZ (Poland): Economical and Sociological Aspects of Structural Changes in Agriculture

J. MIKITA, J. DANCO (C.S.S.R.): The Czechoslovak Agricultural-Industrial Complex

P. BERNI, D. BEGALLI (Italy): Agricultural Families and Structural Adaptation in Intensive Venetian Agriculture

Distributed Papers

F. TOMCZAK (Poland): The Family Farm Problem in the United States and Poland: A Comparative Analysis

S.E. KRAFT (U.S.A.): Water Resources: An Ethical Perspective

E. BÁRSONY (Hungary): Impact out of CAP of the E.C. on the Adjustment Process of Agriculture

GROUP A7

FARM STRUCTURE AND PRODUCTION SYSTEMS

Chairman:  
Rapporteur:

G. BUBLLOT (Belgium)  
A. SWIATKOWSKI (Poland)

Speakers:

Tuesday, 1 September, 11 a.m. - 12.30 p.m.

M. ADAMOVICZ (POLAND): Variability in Agricultural Production Growth and Food Policy in Socialist Countries

G. VAN HUYLENBROECK, L. MARTENS (Belgium): Estimating the Benefits at Farm Level of Land Consolidation Projects in Belgium

J.A. MILLAN (Spain): The Meaning and Measurement of Firm Size

Tuesday, 1 September, 2 p.m. - 3.30 p.m.

D. MACHACHEK (C.S.S.R.): Classification of Agricultural Enterprises in

Czechoslovakia by the Methods of Mathematical Statistics

C. ZIOGANAS (Greece): The Development of Viable Farms as a Major Objective of Agricultural Policy: the Case of Greece

E. ARNALTE-ALEGRE, E. RAMOS-REAL (Spain): Tenancy as a Factor of Structural Change in Spanish Agriculture

Thursday, 3 September, 11 a.m. - 12.30 p.m.

I. HODGE, H. LAXTON (U.K.): Prospects and Potential for Local Authority Owned Land in England and Wales

F. CENA, E. RAMOS, F. ANDRADA (Spain): Agricultural Systems in Andalusia (Spain)

J.H. POST (Netherlands): Possibilities for a More Integrated Agriculture?

Distributed Paper

U. VASAVADA, E. BALL (U.S.A.): A Dynamic Adjustment Model for U.S. Agriculture

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GROUP AB

AGRICULTURAL RESEARCH & PRODUCTIVITY  
MEASUREMENT

Chairman:  
Rapporteur:

B. TRAILL (Belgium)  
S. AALTONEN (Finland)

Speakers:

Tuesday, 1 September, 11 a.m. - 12.30 p.m.

P. CABALLERO (Spain): Economics of Size and Production Functions for Determination of Economic Efficiency

N.P. RUSSEL, C.G. THIRTLE (U.K.): Measuring the Impact of Research and Development Expenditure - The Case of Oilseed Rape

H.E. UHLIN (Sweden): Concepts of Productivity, Technical and Structural Change in Swedish Agriculture

Tuesday, 1 September, 2 p.m. - 3.30 p.m.

J. CALATRAVA (Spain): Institutional Change and Agricultural Economic Research: Some Theoretical Considerations

E. DA CRUZ, V.H. DA FONSECA PORTO (Brazil): Risk in the Analysis of Agricultural Research Recommendations

J.C. BUREAU (France): The Measurement of Technical Efficiency

Thursday, 3 September, 11 a.m. - 12.30 p.m.

A. ALVAREZ (Spain), J. BELKNAP (U.S.A.), W.E. SAUPE (U.S.A.): Technical Efficiency of Dairy Farms in Northern Spain

J.C. REQUENA, L.N. GARCIA (Spain): Defining Agricultural Research Priorities by the Delphi Method: Application to the Andalusian Agricultural Research Program

J. SUMELIUS (Finland): The Returns to Investment in Agricultural Research in Finland

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GROUP A9

AGRICULTURAL TECHNOLOGY AND CHANGING  
RESOURCE USE

Chairman:  
Rapporteur:

U. RENBORG (Sweden)  
K. HAGFDORN (F.R.G.)

Speakers:

Tuesday, 1 September, 11 a.m. - 12.30 p.m.

X  
G. FORD PUNGE (U.S.A.): Induced Agricultural Innovation and Environmental Quality: The Case of Groundwater Regulation

P. DAUCH (France): Farm Investment Purchase of Industrial Goods and Modernization of Agriculture

P. AMBROS (E.S.S.R.): Integral Indicator of Economic Efficiency in Agriculture - Its Application in the Set of Planned Management

Tuesday, 1 September, 2 p.m. - 3.30 p.m.

G. LIODAKIS (Greece): Technological Modernization, Dependency, and Resource Allocation in Greek Agriculture

I. KERBIC, M. NOSE, M. REPNAK (Yugoslavia): Investment in Agriculture in Yugoslavia

K.F. WONG (U.S.A.): The Role of Technology in the European Agriculture

Thursday, 3 September, 11 a.m. - 12.30 p.m.

G.M. SINGUR (U.S.S.R.): The Moldavian SSR Agro-industrial Complex: Scientific and Technical Progress, Economy, Ecology

S. BONNY (France): French Agriculture Adjustment to the 1974-1985 Energy Crisis

V. SHEPAH, A. ALMASHY (U.S.S.R.): Neighbourly Cooperation among Bordering Regions - Regional Answer to the Problem of Acantation of Advanced Technology in Agricultural Production

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5-9

GROUP B1

NEW TECHNOLOGIES IN DAIRY PRODUCTION

Chairman: A. LARSEN (Denmark)  
Rapporteur: E. HAGGREN (Finland)

Speakers:

Tuesday, 1 September, 4 p.m. - 5.30 p.m.

G. PIVA, A. LAZZARI (Italy): Review of the New Technologies in E.E.C. Dairying

K. FROMBERG (U.S.A.): The Impact of Technical Progress in Milk Production

H. WEINDLMAYER (F.R.G.): Technological Developments and Changing Consumer Attitudes as Determinants for Innovative Dairy Products

Thursday, 3 September, 2 p.m. - 3.30 p.m.

A. BUCKNELL (U.K.): Yield Enhancing Technology in the E.C. Dairy Sector

S.W.J. GIELEN (Netherlands): Micro-Economic Analysis of Bovine Somatotropin (BST) Use in Dairying: A Joint Study in Five European Countries

A. HENZE, F. MEISSNER (F.R.G.): Yield Enhancing Technologies and Their Impacts on the E.E.C. and the International Dairy Market

A.G. CONWAY (Ireland): Response by Irish Dairy Farmers to the E.C. Milk Quota

Thursday, 3 September, 4 p.m. - 5.30 p.m.

B. BURGIAT, U. GANTNER, G. AUBERT (Switzerland): Fattening Cattle on Pasture

M. SZABÓ (Hungary): The Relationship Between Demand and Supply in the Consumer's Market of Milk Products in Hungary

D. CASATI, M. FERRETTI (Italy): Dynamics of the Production Factors Management in Selected Milk-Farms of the Intensive Irrigated Plane in High Industrialized Areas



GROUP B2

AGRICULTURAL POLICIES

Chairman: S. TARDITI (Italy)  
Rapporteur: S. RASMUSSEN (Denmark)

Speakers:

Tuesday, 1 September, 4 p.m. - 5.30 p.m.

S. BAUER (F.R.G.): Agricultural Supply and Resource Use: Conflicts, Forces and Policy Consequences

E. RABINOWICZ, O. BOLIN (Sweden): Arable Land in Sweden - An Asset or a Liability? An Evaluation of the Acreage Control Program

P. ANKER, P.M. SCHMITZ (F.R.G.): Environmental Effects of Price Policies in Agriculture

Thursday, 3 September, 2 p.m. - 3.30 p.m.

M.P. BURTON, D.R. COLMAN, T. YOUNG (U.K.): The Direct and Indirect Impacts of Milk Quotas

A.J. OSKAM (Netherlands): Retrospect and Prospect of E.C. Dairy Policy

M.A. MARQUES (Portugal): Industrialization Against Market: The Hog Sector in Portugal, Changing Technological Environment

Thursday, 3 September, 4 p.m. - 5.30 p.m.

E.A. NUPPENAU (F.R.G.): Improving Resource Allocation in Dynamic and Stochastic Markets by Using Stabilization Rules Derived from Control Theory

M. GREGORI (Italy): The Life Cycle of Innovation

E. BEJGROWICZ (Poland): Steering in Agriculture in Poland

Distributed Paper

K. MATTAS, C. SHRESTHA (Greece): Policy Issues on Land Allocation to Grain Crops

GROUP B3

LAND & CAPITAL

Chairman:  
Rapporteur:

H. SCHLICHT (G.D.R.)  
D. STRIJKER (Netherlands)

Speakers:

Tuesday, 1 September, 4 p.m. - 5.30 p.m.

L.KETTUNEN (Finland): How Much Land is Needed?

ZS. HARNOS (Hungary): A Land Evaluation Methodology and Its Possible Use in Long Term Planning

M. GRILLENZONI (Italy), A.H. MAUNDER (U.K.): The Farmland Market in the European Economic Community

Thursday, 3 September, 2 p.m. - 3.30 p.m.

P. VASEK (C.S.S.R.): The Assessment of Czechoslovak Soils and Its Utilization in Handling the Implications of the Agrarian Rent

A. HARRISON (U.K.): The Role of Finance in Adjustment

M. AKERBLOM, B.A. BENGTSOON, K. WALSTEDT (Sweden): Finance and Tenancy The Divisionalised Farm Firm and Portfolio Theory Behaviour

Thursday, 3 September, 4 p.m. - 5.30 p.m.

H. DE HAEN, C. THORDE (F.R.G.): Impacts of Land-Set-Aside Programmes in the F.R.G.

A. DUBGAARD, S. RUDE (Denmark): Optimum Use of Marginal Agricultural Land in Denmark

I. LUKINOV (U.S.S.R.): Agrarian Resource Potential and Resource Content of Agricultural Produce in the U.S.S.R.

Distributed Papers

H. LEE, R.G. CHAMBERS (U.S.A.): Optimal Pricing and Allocation of Farm Credit under Asymmetric Information

T. WEERSMA-HAWORTH (Netherlands): Alternative Financial Instruments for Women

Chairman: E. GORZELAK (Poland)  
Rapporteur: L. KAZAKOPOULOS (Greece)

Speakers:

Tuesday, 1 September, 4 p.m. - 5.30 p.m.

M. BLANC (France): Agriculture and Underemployment in the Developed Capitalist Countries. The E.E.C. Case

PH. MARTIN (U.S.A.): Farm Policies and Human Resource Adjustment in the U.S. and Western Europe

K. HAGEDORN (F.R.G.): Resource Adjustment by a Farm Cessation Programme

Thursday, 3 September, 2 p.m. - 3.30 p.m.

J. SAWICKA (Poland): Woman's Work on Farms

S. GERGELY, L. ZICHY (Hungary): Investigation of Human Factors in the "Karancs" Agricultural Co-operative

G. BLAAS (C.S.S.R.): The Human Factor in the Economic Agricultural Development

Thursday, 3 September, 4 p.m. - 5.30 p.m.

E. DWENS (U.S.A.): Demographic Trends and Saving Propensities Among Rural Households. "A Revisit with Life Cycle Theory."

S. SAXENA, J. L. FINDEIS (U.S.A.): Production and Labor Supply Decisions for Pennsylvania Farmers

M. PEREZ-YRUELA, C. DELGADO, F. RAMOS-REAL (Spain): Human Resources as an Obstacle for Agricultural Development: The Andalusian Case

Distributed Paper

U. SORBI (Italy): Recent Macro-Economic Tendencies in Agriculture (Agriculture between the Technology and the Human Health: Some Economic and Social Observations)

Chairman: N. MARTINOS (Greece)  
Rapporteur: S. MESZAROS (Hungary)

Speakers:

Tuesday, 1 September, 4 p.m. - 5.30 p.m.

- S. FLEK (Hungary): Part-time Family Farming in Hungary
- Z. KRZYZANOWSKA (Poland): Resources and Use of Production Factors in Bi-professional Farms
- A. ABAAB (Tunisia), T.A. HAKIM (France), N. BOURENANE (Algéria), P. CAMPAGNE (France), A. DE CARVALHO (Portugal): Agriculture with External Incomes and Reproduction of Family Agriculture

Thursday, 3 September, 2 p.m. - 3.30 p.m.

- D. STEIJKER (Netherlands): Regional Impacts of Changes in the E.C.-Agricultural Policy
- G. ANTONELLI, M. MELLAND, M. BAGARANI (Italy): Institutional Framework and Policies for Resource Adjustment Objectives: an Evaluation of the Experience of Governments at Regional level in Italy
- M.C. HALBEPG (U.S.A.): Multiple Jobholding Among Farm Families: Implications for Research and Policy

Thursday, 3 September, 4 p.m. - 5.30 p.m.

- W.F. JOHNSTON (U.S.A.): Evaluation of European Potential and Comparative Advantage in the Production of Mediterranean-Type Horticultural Crops
- J. KOLIC (Yugoslavia): Regional Effects and Aspects of Resource Adjustment in Agricultural and Industrial Complex
- J.M.J. LOMMEZ (Belgium): Differences and Changes in the Use of Economic Resources in Farming and Their Importance for the Farm Income

Distributed Papers:

- J. JUHÁSZ (Hungary): Rural Pluriactivity - a Way to Resource Adjustment
- J.L. FINDEIS (U.S.A.): Off-farm Employment and Income: Implications for Farm Households and Agriculture

Chairman:  
Rapporteur:

H.E. BUCHHOLZ (F.R.G.)  
C. KAMENIDIS (GREECE)

Speakers:

Tuesday, 1 September, 4 p.m. - 5.30 p.m.

C. KAMENIDIS (Greece): Consumer Demand Pressures for Graded Agricultural Products in Greece

S. BALOGH (Hungary): Product Development in the Hungarian Food Processing Industry

D. RAMA, R. PIERI (Italy): The Impact of Second and Third Degree Consortia on Italian Wine Cooperatives

Thursday, 3 September, 2 p.m. - 3.30 p.m.

M. MEULENBERG (Netherlands): Variation in Food Consumption: Concepts and Some Empirical Findings for the Netherlands

D. COQUART, L. MAZENC (France): Regional Answers to the Changes of Demand. The Beef Industry in France

M. RADIC (Yugoslavia): The Role of Agro-Industrial Complexes in the Development of Agriculture in Yugoslavia

Thursday, 3 September, 4 p.m. - 5.30 p.m.

D. MAURER (Austria): Direct Marketing in Agriculture - a Survey of Activities in Austria

S.MC. CORRISTON, I.M. SHELDON (U.K.): Agricultural Policy and the Industrial Organization of the European Agricultural Input Industries

F. ROSA (Italy): Consequences of Economic and Structural Changes in the E.E.C. Food Industry

Distributed Papers

T. POPOV (Bulgaria): Common and Specific Features of the Food Problem in the Developed Industrial Countries

P. OLLILA (Finland): Brand Label as Marketing Strategy

GROUP B7

AGRIBUSINESS

Chairman:  
Rapporteur:

F. FEKETE (Hungary)  
R. DJUKIC (Yugoslavia)

Speakers:

Tuesday, 1 September, 4 p.m. - 5.30 p.m.

J. REKECKI (Yugoslavia): Organization Structure, the Mechanism of Functioning, the Objectives and Development Prospects of Agro-Industrial Complex of Yugoslavia

J.A. MILLAN, J.L. PEREZ-ALFARO (Spain): The Industrial Organization of the Dairy Industry in Spain

P. HALMAI (Hungary): Adjustment and Vertical Ties in Market-Oriented Agriculture

Thursday, 3 September, 2 p.m. - 3.30 p.m.

U. PARIS (U.S.A.): Symmetry and Price Uncertainty and the Long Run Theory of the Competitive Firm

R. RONCO (Italy): A Different Adjustment Process and Allocation of Resources in Co-operatives

G. GEKOS (Greece): Towards a Theory of a Co-operative Firm

Thursday, 3 September, 4 p.m. - 5.30 p.m.

C. PARLIAMENT, Y. ISUR, D. ZILBERMAN (U.S.A.): Agricultural Production Co-operatives: Factors Affecting Performance

J.A. MACULINO, F.J. RUBIO (Spain): Farmer's Associations in Andalusia (Spain): An Empirical Study

E. HAAL (U.S.S.R.): Problems of the Economic Mechanism and Management of the Agro-Industrial Complex

Distributed Paper

R. DJUKIC (Yugoslavia): Agrocomplex and New Possibilities

GROUP 88

FARM MANAGEMENT

Chairman: G. STIFFEN (F.R.G.)  
Rapporteur: J. JUHASZ (Hungary)

Speakers:

Tuesday, 1 September, 4 p.m. - 5.30 p.m.

V.M. DORDIO, J.C. ZORRINHO (Portugal): The Rationalization of Farm Management: Basis for Development

J. MOKRISOVA (Czechoslovakia): Modelling Selected Growth Factors in Agriculture

J.R. ALLISON (U.S.A.): Multiperiod Analyses of Farming System for Small Farms

Thursday, 3 September, 2 p.m. - 3.30 p.m.

C. ROMERO (Spain), I. RIFMAN (U.K.), J. DOMINGO (Spain): Risk and Uncertainty in Multiple Decision Criteria Models for Agricultural Resource Allocation

J. BERBEL (Spain): Analysis of Protected Cultivation: An Application of Multiobjective Programming Techniques to Spanish Horticulture

A.W. NOELL (F.R.G.): Technical Requirements for Efficient Control-Systems in Plant Production

Thursday, 3 September, 4 p.m. - 5.30 p.m.

A.A. DICKHUTZEL, J.A. BRENEMA (Netherlands): A Stochastic Model for the Simulation of Management Decisions in Dairy Herds, with Special Reference to Production, Reproduction Culling and Income

R. BUDZINSKI, A. BERLEWEL: Policy of Organization Modelling of Agricultural Production with the Use of the Axiomatic Programming Method

I. ERSEY (Hungary): Effect of Specialization and Risk on Profitability of Crop Production

Distributed Paper:

S. MARUTA (Japan): Supply Management and Revenue Use with Special Reference to Price Support Policy

Chairman: G. SCHIEFER (F.R.G.)  
Rapporteur: T. KRMPOTIC (Yugoslavia)

Speakers:

Tuesday, 1 September, 4 p.m. - 5.30 p.m.

D.E. PEDERSEN (Denmark): Strategic Planning on Farms - Implementation and Experiences

K. RIEBE (F.R.G.): Influence of Computerized Decision-Systems on the Organization of Management and Extension

T. KRMPOTIC, B. VESELINOVIC, I. NICETIN (Yugoslavia): An Approach to the Building of an Information System for Monitoring and Analyzing the Costs of Machinery in Agriculture

Thursday, 3 September, 2 p.m. - 3.30 p.m.

R. BOLTJER, I. REHMAN (U.K.): New Computer Technology and Farm Management Learning - Challenge and Response

K. BUTTERWORTH (U.K.): ADAS Use the "Check up on Profit" Procedure in Farm Business Management Clinics

BD ÖHLMER (Sweden): Computer-Assisted Farm Management

Thursday, 3 September, 4 p.m. - 5.30 p.m.

A.A. DIJKHUIZEN (Netherlands): PorkCHOP: An Electronic Spreadsheet Model for the Microcomputer Dealing with Sow Replacement Economics

P. GIACOMELLI, E. LANIADO, L. BRANCOLINI (Italy): The Management of Litter Production and Hog Fattening with a Simulation Model

B. TOMPA, T. KISFALVI (Hungary): Information System Based on the Market and Innovation Requirements of Agricultural Developers



## POSTER SESSIONS:

Poster sessions will take part in two groups. Each group includes six parallel sessions. Every author will have five minutes for presenting the poster, in each session an opener reviews the posters.

### POSTER GROUP 1

### MODELLING & METHODOLOGICAL PROBLEMS

Chairman: J.M. BOUSSARD (France)  
Discussion opener 1: K.J. THOMSON (U.K.)  
Discussion opener 2: A. SCHAFER (F.R.G.)

1st session: Tuesday, 1 September, 6 p.m. - 7.30 p.m.

F. BOUMA (Netherlands): A Monte-Carlo Model for Forecasting Changes in Agricultural Structure

I. KARÁCSONY, CS. LIGETI, A. SZATHMÁRY (Hungary): The Appliance of Mathematical and Computer Technical Methods in the Prognostics of the Hungarian Agriculture and Food Industry

P. MAKINEN (Finland): On the Use of the Markov Chain Technique in Monitoring Structural Change in Agriculture

D. DE MIGUEL (Spain): Procedures and Application for Appraisal of Fruticulture Crops

R.F. NEHRING (U.S.A.): Measurement of the Structure of U.S. Agricultural Technology and Energy and Non-Energy Substitution Possibilities in the State of Iowa

F. DIMESGUINE (France): The French Agri-Food Stuffs Industry as Represented by IRMA

2nd session: Thursday, 3 September, 6 p.m. - 7.30 p.m.

R.B.M. HUIRNE, A.A. DIJKHUIZEN, G.W.J. GIESSEN (Netherlands): A Stochastic Dynamic Programming Model to Determine the Economic Optimum Replacement Policy in Swine Breeding Herds

L. KÁRPÁTI (Hungary): Resource Adjustment and Some Aspects of Fertilization

V.E. STUCKI (Switzerland): Simulation Model for the Appreciation of the Man - Environment Interactions in Mountainous Regions

C. FOLMER, M.A. KEYZER, M.D. MERBIS, H.H.E. SCHWEEREN, H.J.J. STOLWIJK, P. VEENENDAAL (Netherlands): Budgetary Consequences of Changes in Agricultural Policy; Some Outcomes from the European Community Agricultural Model

G. SANTOPRETE (Italy): A Methodology for Monetary Expression of Nutritional Values of Foods and Its Importance in Formulating Economical Policy Plans

POSTER GROUP 2

LAND USE, ENVIRONMENTAL ISSUES & PLURI-  
ACTIVITY

Chairperson: M. LOSEBY (Italy)  
Discussion opener 1: E. TOLLENS (Belgium)  
Discussion opener 2: A. BIGAUX (Switzerland)

1st session: Tuesday, 1 September, 6 p.m. - 7.30 p.m.

L.M. ALBISU, J.M. GIL (Spain): Economic Impact of Salinity on Agriculture in the Gallego River Basin

L. DOUW (Netherlands): Economic Aspects of the Relation Between Agriculture, Nature and Landscape in the Netherlands

P. GATTO (Italy): A Comparative Evaluation of Forestry in the North of England and in the Italian Southern Alps

F. KISS, I. SZÜCS, L. ZSILINSZKY (Hungary): The Macroeconomic Scene of the Usage of Land

B.G. MCKILLOP, E. KULA (U.K.): An Experiment to Construct a Planting Function for Private Afforestation in Ireland

F. LEVEQUE (France): Use of Renewable Primary Resources in French Forestry

S. AALTONEN (Finland): Vitality of Countryside in Finland

2nd session: Thursday, 3 September, 6 p.m. - 7.30 p.m.

J. LUIJT (Netherlands): A Neo-Classical Explanation of Changes in Regional Agricultural Landprices in the Netherlands

J.J. ROMERO-RODRIGUEZ (Spain): The Evolution of Land Prices in a Latifondist Country: The Case of Andalusia (Spain)

DANILO TOMIC, K. COBANOVIC, D. KUKIC (Yugoslavia): Natural Resources and Their Use in Yugoslav Agriculture

G.C. SANCINETI (Italy): Natural Resources and Goods in Italy: The Tobacco

F. SANDIFORD, J. STRAK (U.K.): Farm Policies for Protecting the Environmentally Sensitive Areas of the U.K.

J.M. BRYDEN, A.M. FULLER (U.K.): Pluriactivity and European Farming: Useful but Not a Panacea

Chairman: J.B. ESCRIBANO (Spain)  
Discussion opener 1: P. VEENENDAAL (Netherlands)  
Discussion opener 2: D. RAMA (Italy)

1st session: Tuesday, 1 September, 6 p.m. - 7.30 p.m.

N. APOSTOLOU, N. BALTAS (Greece): A Rational Expectations' Model for the Poultry Sector in Greece

J. DAVIS (U.K., Northern Ireland): An Analysis of Prices in European Community Sheepmeat Markets

M. ANDREWS, K. GORDON (France): The Relationship Between Commodity Prices and Macroeconomic Variables: Has it Changed Over the Last Thirty Years?

R. HERRMANN (F.R.G.): Uncontrolled Prices on Controlled Agricultural Markets

V. REQUILLART (France): An Economic Model of Valorisation of Agricultural By-products

L. PEETERS (Belgium): Intertemporal Pricing Efficiency of the Belgian Wheat and Barley Markets

J. KRZYZANOWSKI (Poland): Elasticity of Supply of Agricultural Products in Poland

2nd session: Thursday, 3 September, 6 p.m. - 7.30 p.m.

A. BURGER, K. SZÉP (Hungary): International Comparison of Agricultural Prices and Costs, between Some Socialist and Capitalist Countries

J.P. BUTAULT, R. CARLES, E. REIGNIER, D. HASSAN (France): Disparities in Farm Production Costs in the CEE

P. CAMPAGNE, V. QUINTON; E. RAYMOND (France): Cotton in Mediterranean Trade

M.J. MIELKE, S.E. GRIGSBY (U.S.A.): Agricultural Marketing Systems in Latin America

P. KLEKNER (Hungary): Investigation of Regions of Food-Production

E.P. PAPANAGIOTOU (Greece): The Determinants of the Supply of Goat Products

J. SWINNEN (Belgium): Potential Use of Agricultural Products in the Chemical and Energy Industry

J. VIAENE, M. DEVRIEZE (Belgium): Future Consumption Developments for Food in Belgium

Chairman: M. RADIC (Yugoslavia)  
Discussion opener 1: J.R. CRABTREE (U.K.)  
Discussion opener 2: A. BURGER (Hungary)

1st session: Tuesday, 1 September, 6 p.m. - 7.30 p.m.

H. EHLERS, A. WEBER (F.R.G.): Observations on Technical Progress in Various Grain Growing Regions

M.C. CHAMBE (France): Analysis and Consequences of the Fal in Investments in the French Agriculture

J.P. ELHORST (Netherlands): Investment in Capital Goods and Demand for Financial Capital in Dutch Agriculture

F. COLSON (France): Financing of Pig Breeding Production

J.R. FERNANDEZ, L.N. GARCIA, J.C. REQUENA (Spain): Adopting New Technologies in Intensive Dynamic Horticulture: Study Case of Strawberry at the Andalusia West Coast Line

H. GUYOMARD (France): Investment Decision in Agriculture: A Macro-Economic Analysis

A.M. HASSON, R. HUSSAIN (Iraq): Effect of Polyethelene Mulch on Soil Temperature. Variation under Planted Greenhouse

S. SOMOGYI, LOVRE KOVILJKO (Yugoslavia): The Comparative Analysis of Technological Change in Social and Private Organizations: The Case of Yugoslav Agriculture

2nd session: Thursday, 3 September, 6 p.m. - 7.30 p.m.

D. BORRA, A. CORSI (Italy): Adjustment of Labour Use in Agriculture Related to Different Economic Environments on a Local Scale: A Case Study in Piedmont

J. CECORA (F.R.G.): The Private Household - Source of Human Capital

T.I. FÉNYES, J. VAN ZYL, L. KORENTAJER (South-Africa): A Model for Estimating the Effect of Drought on Economically Optimal Nitrogen Fertilization Rates of Dryland Wheat

E. KERÉKGYÁRTÓ (Hungary): Company Sizes in Hungary's Large-Scale Farming 1970- to 1985

G. THIJSSSEN (Netherlands): Labour Use and Production Decisions on Family Farms

S.K. MUKHOPADHYAY, A. CHATTOPADHYAY, N. MANDAL (India): Technological Prog-

ness in Rice-Based Farming Systems in Eastern India

V. JOVANOVIĆ, B. LJUTIĆ (Yugoslavia): Investments in Yugoslav Agriculture

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POSTER GROUP 5

MARKETING & TRADE POLICIES

Chairman: J. VIAENE (Belgium)  
Discussion opener 1: A. OSKAM (Netherlands)  
Discussion opener 2: V.M. DORDIO (Portugal)

1st session: Tuesday, 1 September, 6 p.m. - 7.30 p.m.

M. BÜLBÜL (Turkey): The Economy of Tomato Sauce Industry in Turkey

V. SPADA (Italy): Natural Resources and Goods in Italy. The Agricultural Mediterranean Products

W. WICKE (G.D.R.): The Role of Food and Agriculture in National Economy

R.R. DELSMAN, M.T.G. MEULENBERG (Netherlands): Optimal Hedging in Futures Markets, with Reference to the Dutch Potato Market

U. SOMMER (F.R.G.): The E.E.C. Position in the World Sugar Economy

J.M. BOISSON (France): "Temperate" Products, Mediterranean Products and the CAP: Inequality of Treatment?

2nd session: Thursday, 3 September, 6 p.m. - 7.30 p.m.

S.S. NELLO (Italy): The Impact of the Common Agricultural Policy of the E.E.C. on East-West Agricultural Trade

P. MCNUTT (Ireland): Food Supply and Famine: Strategy for the Third World, an Intra-National Food Distribution Scheme

M. GRZNAK (C.S.S.R.): Plan and Development of an Agricultural Co-operative

B. WHITE, C.T. ENNEW (U.K.): Supply Management in the British Potato Market

W.H. MEYERS, S. DEVADOSS (U.S.A.): Policy Analysis with International Commodity Market Model

Chairman: C.P. VEERMAN (Netherlands)  
Discussion opener 1: J. KLATZMANN (France)  
Discussion opener 2: G. SCHMITT (F.R.G.)

1st session: Tuesday, 1 September, 6 p.m. - 7.30 p.m.

- A. DE JANVRY, E. SADOULET (U.S.A.): Growth and Equity in Agriculture-Led Growth
- A. VAN TILBURG (Netherlands): Government Policy and Rice Marketing, a Comparative Analysis in Respect of Malaysia and Sierra Leone
- A.H. SARRIS (Greece): Structural Adjustment Programs and the Agricultural Sector in the Medium Run
- K. SEBESTYÉN (Hungary): Moderne-Production Systems in Hungary's Agriculture
- D. VLADOV (Bulgaria): The Balanced Regulation of the Fixed Assets and the Labor Power in the Agricultural Sector in Bulgaria
- B. HUY, G. ELTERICH, C.M. GEMPESAW (U.S.A.): Policy Impacts on the Production Structure of Dairy Farms in the 1980s - an Interregional Comparison
- J. CATHIE (U.K.) HERRMANN (F.R.G.): Agricultural Policy in South Africa, the Southern African Customs Union and Food Security in Southern Africa
- K.Y. FOSU (Ghana): Macroeconomic Policy Impact on the Adjustment of the Mode of Financing Agriculture
- W.J.M. HEIJMAN (Netherlands): A Tariff on Imports of Grain Substitutes from Outside the E.F.C., as a Solution to the Problem of Overmanuring in the Netherlands

2nd session: Thursday, 3 September, 6 p.m. - 7.30 p.m.

- A. VAN DEN BRINK (Netherlands): An Analysis of the Dutch Agricultural Structural Policy in the Period 1945-1985
- M. FERRAND, S.M. CAMPOS, P.R. AVILES (Spain): The E.F.C. Market Disequilibrium and the Tobacco Sector Planning in South-West European Countries: Some Considerations About the Nature of the Problem and Their Economical and Social Effects
- B. KNERR (F.R.G.): The Impact of the German Tax System on Agricultural Factor Allocation
- P. MIDMORE (U.K.): The Impact of Changes in Agricultural Policy on the Wider Economy - an Input- Output Approach

V. MISHEV (Bulgaria): A New System of Management of Agro-Industrial Production

E. TOLLENS (Belgium): The Effect of Milk Quotas on E.E.C.-Agriculture

K. VADNAL (Yugoslavia): Agricultural Policy Aspects to Increase the Investment Effectiveness in Yugoslav Agriculture

## SOCIAL PROGRAMMES

Monday, August 31, 8 p.m.

- Opening party

Wednesday, September 2, 12.30 p.m.

- Half-day excursions to local places of agricultural interest. Detailed description of the excursions will be available at the registration bureau where you can register for the excursions as well.

Thursday, September 3, 8 p.m.

- Closing banquet

### Programme for Companions

Accompanying persons may take part in the above social programmes. In addition two special programmes will be organized for them:

Tuesday, September 1

- Half-day boat trip on Lake Balaton

4 USD

Thursday, September 3

- Visit to the picturesque small town of Tihany

7 USD

For registering, please see enclosed leaflet.

## SERVICES

The Congress Center offers the following services: medical service, post office, telephone, money exchange, taxi, cafeterias, bars, parking and English- and French-speaking staff.



PRE- AND POST-CONGRESS STUDY TOURS

A. BUDAPEST ( 50 USD )

- A-1 29-30 August Starting from Budapest on the morning of August 29 and ending in Balatonszéplak on the evening of August 30
- A-2 5-6 September Starting from Balatonszéplak on the morning of September 5 and ending in Budapest on the evening of September 6

These programmes include one night's accommodation in Budapest. Apart from the scientific programme, sight-seeing in Budapest, a visit to the National Gallery and to Margaret Island, and evening folklore programme will be organized.

B. BALATON ( 95 USD )

- B-1 29-30 August Starting from Budapest on the morning of August 29 and ending in Balatonszéplak on the evening of August 30
- B-2 Because of an insufficient number of participants, this tour will not be organized

The Programme includes one night's accommodation in Keszthely. Apart from the scientific programme, sight-seeing in Tihany and Keszthely, a visit to the thermal bath in Hévíz, and an evening folklore programme will be organized.

C. HUNGARIAN PLAIN ( 95 USD )

- C-1 29-30 August Starting from Budapest on the morning of August 29 and ending in Balatonszéplak on the evening of August 30
- C-2 5-6 September Starting from Balatonszéplak on the morning of September 5 and ending in Budapest on the evening of September 6

These programmes include one night's accommodation in Debrecen. Apart from the scientific programme, sight-seeing in the picturesque small town of Eger and in Debrecen, a visit to the "puszta", and an evening folklore programme will be organized.

## FINANCIAL ARRANGEMENTS

### PARTICIPATION FEES

Participation fees if paid before May 1, 1987:

Congress fee	USD 125
Companions	USD 40

Participation fees if paid after May 1, 1987  
or at the site of the Congress:

Congress fee	USD 150
Companions	USD 50

### CONGRESS FEE INCLUDES:

- 20 USD membership fee of the EAAE; for 3 years (1988-1990)
- participation in plenary sessions, working group section meetings and poster sessions;
- proceedings in one language;
- simultaneous interpretation in the plenary sessions and in one of the parallel sessions in English and French.
- conference documentation: programme sent to the participants in advance, abstracts in English or French, and papers for 2 sessions. The documents will be available at the Congress;
- participation in social programmes: opening party, half-day excursion and closing banquet;
- coffee or tea, twice a day during the breaks.

## ACCOMMODATION

Participants are offered accommodation in the Congress Center

Room with bath and breakfast for 1 person/night	USD 30
Room with bath and breakfast for 2 persons/night	USD 38
Room with bath and breakfast for 3 persons/night	USD 45

Rooms are comfortable for two persons though each room has an additional bed.

## MEALS

During the Congress, meals will be available in the restaurant of the Congress Center. Meals should be ordered in advance when accommodation reserved.

## PAYMENT

Congress participation fees, participation fees for accompanying persons, costs of pre- and post-congress tours and costs of lodging and meals are to be paid either by international money order or bank transfer.

Payment by international money order should be made to:  
MTESZ-MAE-EAAE Congress  
H-1055 Budapest,  
Kossuth tér 6-8.  
Hungary

In the case of bank transfer or International postal money order, payment should be made to No. "MTESZ MNB 232-90171-2494 AGRAR EAAE".

Costs of lodging and meals can be paid at the Congress in cash as well. Any convertible currency is acceptable.

We would like to draw your attention to the fact that participants from socialist countries will be allowed to pay all the costs in Forints.

Please note that we can accept cancellation only until August 15, 1987.

Készült a Marx Károly Közgazdaságtudományi Egyetem hivatalos kiadásában  
550 példányban 2,75 (A/5) ív terjedelemben.  
Felelős kiadó: dr. Csánka Csaba rektor  
Felelős vezető: Jász József nyomdavezető  
87/807