

The World's Largest Open Access Agricultural & Applied Economics Digital Library

This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.

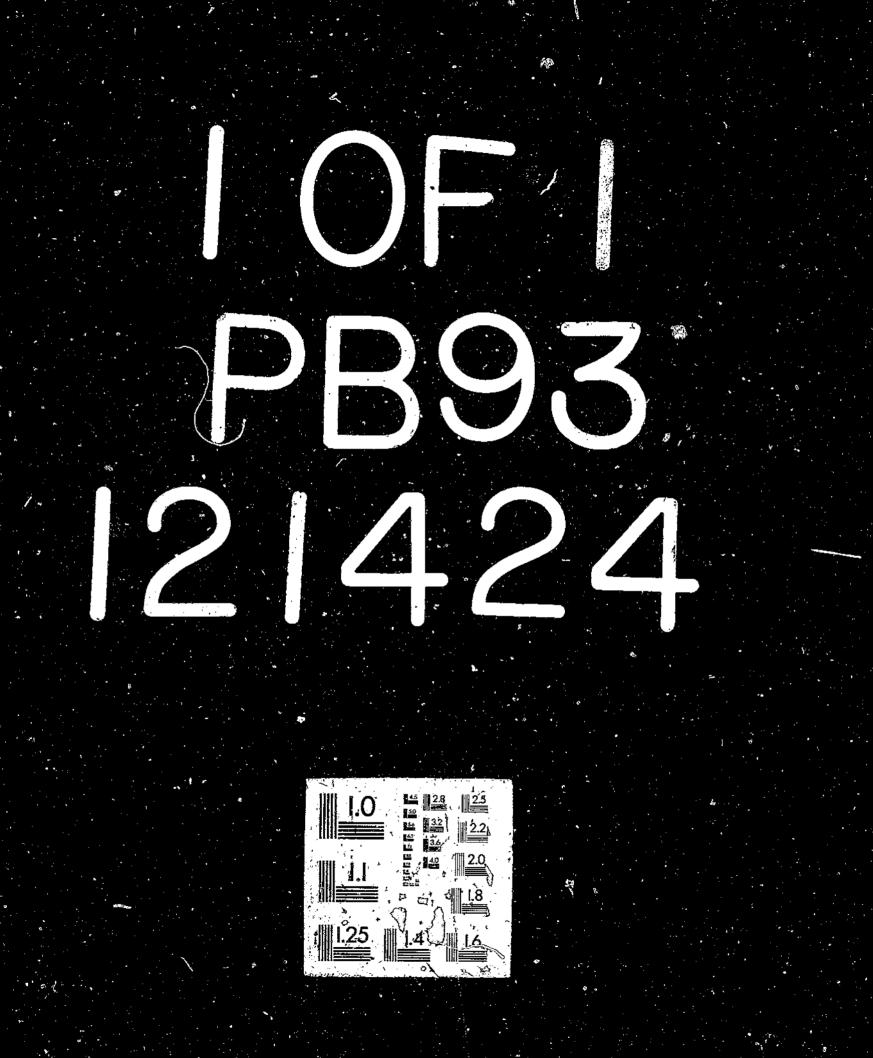
Help ensure our sustainability.

Give to AgEcon Search

AgEcon Search http://ageconsearch.umn.edu aesearch@umn.edu

Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C. PB93-121424

USDA/FAER-245 EUROPEAN COMMUNITY'S PRESENCE IN U.S. AGRIBUSINESS. (FOREIGN AGRICULTURAL ECONOMIC -REPT.) / H. C. BOLLING ECONOMIC RESEARCH SERVICE, WASHINGTON, DC. AGRICULTURE AND TRADE ANALYSIS DIV. SEP 92 36P



1.



PB93-121424

European Community's Presence in U.S. Agribusiness

(U.S.) Economic Research Service, Washington, DC

Sep 92

U.S. Department of Commerce National Technical Information Service INTERS

PB93-121424

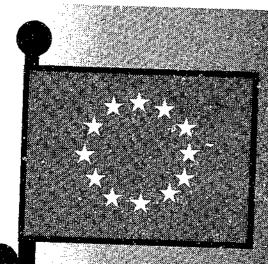


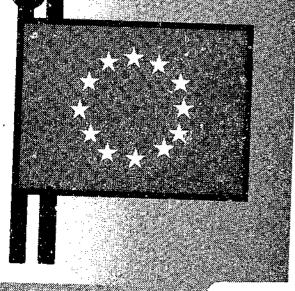
«Economic Research Service e

Foreign, Agricultural Economic Report No. 245

The European Community's Presence in U.S. Agribusiness

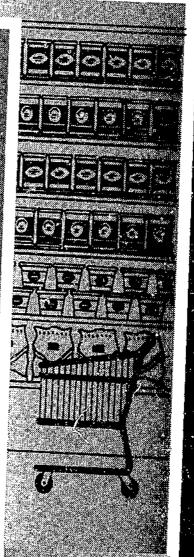
H. Christine Bolling







REPRODUCED BY U.S. DEPARTMENT OF COMMERCE NATIONAL TECHNICAL INFORMATION SERVICE SPRINGFIELD, VA 22161



It's Easy To Order Another Copy!

Just dial 1-800-999-6779. Toll free in the United States and Canada. Other areas, please call 1-703-834-0125.

Ask for The European Community's Presence in U.S. Agribusiness (FAER-245).

The cost is \$8.00 per copy. For U.S. addresses, add 10 percent. For non-U.S. addresses (including Canada), add 35 percent. Charge your purchase to your Visa or MasterCard. Or send a check or purchase order (made payable to ERS-NASS) to:

ERS-NASS 341 Victory Drive Herndon, VA 22070

2

We'll fill your order by first-class mail.

KEPOI		UMENTATION	PAGE	Form Approved OMB No. 0704-0188
iblic reporting burden for this colle thering and maintaining the data r liection of information, including s	ction of informati needed, and compl uggestions for red	on is estimated to average 1 hou eting and reviewing the collection using this burden of the collection the set of the	r per response, including the tim n of information. Send commen	OMB No. 0704-0188 e for reviewing instructions, searching existing data so ts regarding this burden estimate or any other aspect or rate for information Operations and Reports, 1215 Jeff on Project (0704-0186), Washington, DC 20503.
ERQ2_10180	4302,	and to the Office of Managemen	a Headquarters Services, Directo Land Budget, Paperwork Reducti	rate for information Operations and Reports, 1215 Jeff on Project (0704-0186), Washington, DC 20503.
	۰ ^۲	2. REPORT DATE September 1992	3. REPORT TYPE FAER	AND DATES COVERED
TITLE AND SUBTITLE	B			5. FUNDING NUMBERS
The European Co	munity	Presence in U.S	Agribust	- TONDING NUMBERS
			• Agribusiness	
AUTHOR(S)				
H. Christine B	Solling			
PERFORMING ORGANIZAT	ION NAME(S	AND ADDRESS(ES)	· · · · · · · · · · · · · · · · · · ·	8. PERFORMING ORGANIZATION
Economic Resea	d Trade A	Analysis Divisio	n	REPORT NUMBER
U.S. Departmen	t of Agri	Loui ture		
1301 New York .	Ave., NW	Washington, DC	20005-4788	FAER-245
PONSORING / MONITORIN				
			~~;	10. SPONSORING / MONITORING AGENCY REPORT NUMBER
			:	
			• •	
SUPPLEMENTARY NOTES				
DISTRIBUTION / AVAILAB	ILITY STATEN	IENT		12b. DISTRIBUTION CODE
DISTRIBUTION / AVAILAB	words)	ally the United Vi-	dom, are the princip	
DISTRIBUTION / AVAILAB ABSTRACT (Maximum 200 Vest European countr avestment in U.S. age ercent of the total val bod and beverage ind asse sectors by 199()	words) ies, especia ricultural la lue of U.S. ustry. Eur EC invest (1.52 milli	ally the United King and and agribusiness agricultural land an opean Community (cors' landholdings w	d about 10 percent of EC) companies had	
DISTRIBUTION / AVAILAB ABSTRACT (Maximum 200 Vest European countr avestment in U.S. agr ercent of the total val bod and beverage ind bese sectors by 1990. cres) and pastureland y U.S. investment in JBJECT TERMS	words) iles, especia ricultural la lue of U.S. ustry. Eur EC invest (1.52 milli EC agribu	ally the United King and and agribusiness agricultural land an opean Community (cors' landholdings w ion acres). The EC asiness.	es. But, such inves d about 10 percent of EC) companies had ere concentrated ma investment in the U	pal source of foreign tment amounts to less than 1 of the total assets of the U.S. \$29.4 billion invested in inly in timber (3.25 million nited States is partially offset
DISTRIBUTION / AVAILAB ABSTRACT (Maximum 200 Vest European countr avestment in U.S. agr ercent of the total val bod and beverage ind bese sectors by 1990. cres) and pastureland y U.S. investment in <i>Distribusion</i> U.S. agribusine	words) ies, especia ricultural la lue of U.S. ustry. Eur EC invest (1.52 milli EC agribu	ally the United King and and agribusiness agricultural land an opean Community (cors' landholdings w ion acres). The EC asiness.	es. But, such inves d about 10 percent of EC) companies had ere concentrated ma investment in the U	pal source of foreign tment amounts to less than 1 of the total assets of the U.S. \$29.4 billion invested in inly in timber (3.25 million nited States is partially offset 15. NUMBER OF PAGES
DISTRIBUTION / AVAILAB ABSTRACT (Maximum 200 Vest European countr avestment in U.S. agr ercent of the total val bod and beverage ind bese sectors by 1990. cres) and pastureland y U.S. investment in	words) ies, especia ricultural la lue of U.S. ustry. Eur EC invest (1.52 milli EC agribu	ally the United King and and agribusiness agricultural land an opean Community (cors' landholdings w ion acres). The EC asiness.	es. But, such inves d about 10 percent of EC) companies had ere concentrated ma investment in the U	pal source of foreign tment amounts to less than 1 of the total assets of the U.S. \$29.4 billion invested in inly in timber (3.25 million nited States is partially offset
DISTRIBUTION / AVAILAB DISTRIBUTION / AVAILAB DISTRI	words) ies, especia ricultural la lue of U.S. ustry. Eur EC invest (1.52 milli EC agribu ss, Europ mland	ally the United King and and agribusiness agricultural land an opean Community (fors' landholdings w ion acres). The EC asiness.	es. But, such inves d about 10 percent of EC) companies had ere concentrated ma investment in the U	pal source of foreign tment amounts to less than 1 of the total assets of the U.S. \$29.4 billion invested in inly in timber (3.25 million nited States is partially offset 15. NUMBER OF PAGES 36 16. PRICE CODE
DISTRIBUTION / AVAILAB ABSTRACT (Maximum 200 Vest European countrivestment in U.S. agriercent of the total values pool and beverage industry 1990. Cress) and pastureland y U.S. investment in U.S. agribusine investment, farm	words) ies, especia ricultural la lue of U.S. ustry. Eur EC invest (1.52 milli EC agribu ss, Europ mland	ally the United King and and agribusiness agricultural land an opean Community (tors' landholdings w ion acres). The EC usiness.	es. But, such inves d about 10 percent of EC) companies had ere concentrated ma investment in the U	Pal source of foreign tment amounts to less than 1 of the total assets of the U.S. \$29.4 billion invested in inly in timber (3.25 million nited States is partially offset 15. NUMBER OF PAGES 36 16. PRICE CODE

A A LON ALL SUCCES

and the second state of th

ſ

The European Community's Presence in U.S. Agribusiness, by H. Christine Bolling, Agriculture and Trade Analysis Division, Economic Research Service, U.S. Department of Agriculture. Foreign Agricultural Economic Report No. 245.

Abstract

West European countries, especially the United Kingdom, are the principal source of foreign investment in U.S. agricultural land and agribusinesses. But, such investment amounts to less than 1 percent of the total value of U.S. agricultural land and about 10 percent of the total assets of the U.S. food and beverage industry. European Community (EC) companies had \$29.4 billion invested in these sectors by 1990. EC investors' landholdings were concentrated mainly in timber (3.25 million acres) and pastureland (1.52 million acres). The EC investment in the United States is partially offset by U.S. investment in EC agribusiness.

Keywords: U.S. agribusiness, European Community, foreign direct investment, farmland

Acknowledgments

The author acknowledges the helpful reviews of David Kelch, J. Larry Deaton, Robert Reinsel, Charles Handy, Naaman Seigle, and especially Michael Lopez, who spent extensive time and offered very good suggestions in his review. David Westenbarger provided technical advice on the computergenerated map. Peter deBraal, Gertrude Butler, and Joyce Su provided statistical support on EC investments in U.S. agricultural land. Special thanks go to Michael Lopez and Ketkeo Dolan for their technical expertise in desktop publishing, and to Tom McDonald and Dale Simms, editors.

Use of company names in his report is for identification only and does not constitute endorsement by the U.S. Department of Agriculture.

Companion Report

The author has also put Japanese investments, which constitute less than 1 percent of total investment in U.S. farmland and agribusiness, into perspective. This report, <u>The Japanese Presence in U.S.</u> <u>Agribusiness</u> (FAER-244), is available through ERS-NASS by calling 1-800-999-6779. Cost is

i

Washington, DC 20005-4788

September 1992

Contents

Ĵ.

Definition of Terms	ii
Summary iv	
Introduction	
The Theoretical Basis for Foreign Investment	
The Reasons for EC Investment in the 1980's	
EC Investment in U.S. Agricultural Land	
EC Investment in U.S. Agribusiness	
EC Conglomerates in U.S. Agribusiness	
Economic Effects	
References	
Appendix	

Definition of Terms

Foreign direct investment is the investment by a company, group, or individual in new facilities, in existing enterprises, or in land and natural resources, located within another country. Foreign direct investment is defined by the U.S. Department of Commerce as an investment of 10 percent or more in an enterprise. An investment of this amount usually permits the investor to gain some degree of influence or control over the decisionmaking of an enterprise.

「おおおいというないない」では、「おいた」というないできたものというというできました。 とうしょう アイ・マイン うざい

2

ļ

The second s

Portfolio investment refers to an investment of less than 10 percent. It is considered to be motivated by the potential return on investment, and not by the desire to influence the management of the enterprise.

Mergers and acquisitions refer to investments in established businesses. Greenfield investments refer to the establishment of new enterprises.

Agribusiness is defined here to include agriculture, the food and beverage industry, agricultural chemicals and machinery, wholesale agricultural products, retail grocery stores, and restaurants. The U.S. Department of Commerce Standard Industrial Classification (SIC) codes were used as a guide.

Unitary tax method is a method of taxation whereby taxes are determined by a percentage of a company's worldwide profits to prevent multistate and multinational corporations from shifting profits from a high-tax State or country to a low-tax area.

Water's edge method is a method of taxation whereby taxes are based on income earned in the particular State.

Summary

West European countries, especially the United Kingdom, are the principal source of foreign investment in U.S. agricultural land and agribusinesses. Investments by European Community (EC) corporations amount to about 10 percent of the total assets in the U.S. food-processing industry and less than 1 percent of the U.S. agricultural land base. The largest share of EC-owned agricultural land is in timberland (3.2 million acres).

「ないない」であったいできょうです。ここのでしたです。

EC companies' investments in U.S. agricultural land and agribusiness increased rapidly during the late 1980's, totaling \$29.4 billion in 1990, or 69 percent of all foreign direct investment in U.S. agricultural land and agribusiness. EC investors rank second only to Canadian investors in ownership of U.S. agricultural land and are the leading foreign owners of U.S. agribusinesses, particularly in the food-processing sector. They have invested in U.S. name-brand food products and beverages, fast-food chains, retail foodstores, and grain storage.

This report describes the types of investment in U.S. agriculture and agribusiness made by EC companies, puts that investment into perspective in the context of the U.S. economy, and examines the reasons for the rapid increase in investment during the late 1980's.

Economic theory tells us that the host country benefits from foreign direct investment through increased employment and labor income. EC affiliates employ 120,000 persons in the U.S. food and kindred products industries and another 204,000 persons in retail foodstores and other retail trade. Only a small portion of these jobs represent a gain in jobs since less than 10 percent of the EC investments involves new investment; most represent just a change in ownership.

Some investments occurred because EC entrepreneurs had excess funds to invest. The late 1980's were an era of mergers and acquisitions in both the United States and the European Community. Ownership in U.S. companies also allowed European corporations easy access to the growing and relatively affluent U.S. market. Changes in business taxes, such as the repeal of the unitary tax system in nine States, including California, also opened up opportunities for expansion in the United States.

The European Community's Presence in U.S. Agribusiness

H. Christine Bolling

Introduction

Foreign direct investment theoretically contributes to the growth of employment and income in the host country. U.S. policy generally has been to welcome foreign direct investment. However, some economists have expressed concern about the growing dependence of the United States on foreign direct investment (17).¹

This report puts into perspective the size and extent of EC investments in U.S. agriculture during the 1980's. EC investment in U.S. agricultural land and agribusiness increased rapidly in both nominal and real dollars. EC investment in agricultural land rose from \$1.6 billion (nominal) in 1980 to \$4 billion (nominal) in 1990. Even when deflated by the U.S. gross domestic product (GDP) index, the EC investment in U.S. land nearly doubled.

EC investment in U.S. food and kindred products, the principal component of U.S. agribusiness, increased nearly fivefold (deflated dollars) to almost \$18 billion during the 1980's. The more conspicuous investments include Food Lion markets, Central Soya, Good Humor Ice Cream, Hardee's, Purina Mills, Almaden Vineyards, Keebler, and Pillsbury. However, several aggregate measures illustrate the small proportion of total agricultural investment originating from the European Community.

• EC investors' ownership of U.S. agricultural land amounts to less than 1 percent of the total value of U.S. agricultural land (5).

• EC companies' investments in U.S. food and kindred products comprise 10 percent of the total assets in that industry (19).

• The \$30 billion invested in U.S. land and agribusinesses comprise 13 percent of the total EC direct investment in the United States (table 1).

• The U.S. and EC food industries are intertwined. Six of the top 50 food manufacturing firms in the United States are EC-based, and 11 of the top 50 EC firms are U.S.-based.

¹ Underlined numbers in parentheses refer to sources listed in the References.

Category	Foreign direct investment in the United States	U.S. direct investment abroad	
	Million d	ollars	
Ail countries:			
All industries	403,735	370,091	
Food industry	22,875	13,464	
Other agribusinesses	9,286	20,696	
Total food and agribusinesse	s 32,161	34,160	
Agricultural land	10,340	N.A.	
EC:			
All industries	229,913	162,523	
Food industry	17,947	7,081	
Other agribusinesses	7,481	5,213	
Total food and agribusinesses	25,428	12,294	
Agricultural land	4,012	N.A.	

Table 1--Two-way foreign direct investment between the United States, all other countries, and EC, 1990

N.A. = Not available.

Source: (5, 19).

The Theoretical Basis for Foreign Investment

National income accounting demonstrates that a country in which domestic investment (including government investment) exceeds domestic saving (including government saving) has a current account deficit, and that the current account deficit must be financed by foreign capital inflows. Conversely, if a country has domestic saving exceeding domestic investment, it has a current account surplus that engenders capital outflows. The savings/investment gap is the outcome of many factors such as individual and social choices to save or consume, and how these choices relate to productivity and international competitiveness, market access, and other complex economic factors (21).²

Much has been written about the possible gains and losses that foreign capital inflows might bring to host countries (1, 2, 3, 13). In the neoclassical analysis, a firm maximizes profits and produces one

² Current account deficits may engender, but not directly cause, foreign direct investment. The foreign input may also be loans or investment in stocks and bonds.

product with two inputs (capital and labor), using a given technology. An optimal level of production is reached when the value of the marginal product for labor equals the price of labor and the value of the marginal product for capital equals the price of capital (that is, the interest rate) (7, p. 80). The demand for labor is a function of the price of the product produced, the price of labor, and the price of capital. Likewise, the demand for capital is a function of the price of the product, the price of labor, and the price of capital. When capital is free to flow among countries, it will seek the highest returns, as measured by the value of its marginal product. In the international arena, the argument extends as follows for the host and capital-exporting countries.

Foreign direct investment occurs because the productivity of capital is greater in the host country than in the capital-exporting country (7, 21). Foreign direct investment changes the relative supplies of labor and capital in both the capital-exporting country and the host country. In the host country, foreign direct investment makes capital more abundant and the interest rate falls. This increases the capital-labor ratio, causing the returns to labor and, thus, wages to rise. In the capital-exporting country, emigration of capital has the opposite effect on capital and labor. In short, foreign direct investment changes relative prices and the distribution of income in both countries.

Product markets are also affected in both countries. In the host country, the output of capitalintensive products rises as the interest rate falls. The reverse occurs in the capital-exporting country. On balance, there is a net gain to the gross national products of both countries, which takes the form of additional wage income in the host country and additional capital income in the capital-exporting country. This benefit to both the host and capital-exporting countries is the crux of the economic argument for foreign direct investment.

Free movement of resources is beneficial to the world economy (12). When capital is attracted from one country to another by a higher rate of return, it flows from areas where it is relatively abundant and cheap to areas in which it is relatively scarce and expensive, until returns to capital are equalized the world over. This flow raises total real output, as the additional output from labor brought about by investment in the host country exceeds the diminution of output from labor in the donor country (3, 7, 21).

Economic theory predicts that foreign investments help the host country's balance of payments, in the short run through the inflow of capital and, in the long run, through the export of products produced in the new plants. As income in the host country rises, savings also rise, and the entire economy grows more rapidly. International capital flows often finance projects that use technology unfamiliar in the host country. This transfer of technology permits the host country to produce at a higher, more efficient level of output.

Tariffs, quotas, and other market-distorting mechanisms can obscure the benefits of foreign direct investment to the host country (6). To the extent that market distortions raise the profits of foreign-owned firms, the gains to foreign producers represent a net cost to the citizens of the host country. In any industry where foreign firms control a substantial part of production, domestic companies will be more concerned with the redistribution effects toward or away from these firms than with efficiency gains or losses industrywide. From a global perspective, gains to foreign-owned firms represent an international redistribution of income.

The Reasons for EC Investment in the 1980's

The U.S. economic climate of the 1980's encouraged foreign direct investment. The United States ran a large current account deficit, where domestic investment exceeded domestic savings, during most of the 1980's. The current account deficit had to be financed by foreign capital inflows such as foreign loans, foreign investment in U.S. stocks and bonds, or foreign direct investment.

State tax laws pertaining to multinationals also changed in key States (California) during the 1980's. The unitary corporate income tax method was repealed in several States between 1984 and 1986. The adopted "water's edge" approach made State income tax regimes more favorable to foreign multinational companies. Under the unitary tax method, taxes are determined by a percentage of a company's worldwide profits, not by the income earned in the particular State. This method is designed to prevent multistate and multinational corporations from shifting profits from a high-tax State or country to a low-tax area. Only Alaska, North Dakota, and Montana continue to use the unitary tax system.

The Federal tax system also encouraged foreign direct investment, particularly in the early 1980's. The Economic Recovery and Tax Act of 1981 legislated a phased liberalization of business taxes by reduction of the marginal tax rate, increased rate of depreciation, and increased investment tax credits. The Tax Reform Act of 1986 tightened up some of the liberalized tax rules of the 1981 Act by lengthening the time period for depreciation, but lowered general tax rates offset this disadvantage.

The 1980's saw corporate mergers and acquisitions in Europe as well as in the United States, as multinational companies extended their domestic and international interests. The U.S. food industry was as caught up in mergers in the 1980's as were many other industries.

Macroeconomic conditions abroad also favored investment in the United States. The United Kingdom, the Netherlands, and Germany enjoyed an affluent period during most of the 1980's. Foreign reserves grew to unprecedented levels during the latter half of the decade for all three countries, even though the United Kingdom ran current account deficits from 1987 to 1990 (app. table 1). U.K. debt occurred because some U.K. investors made loans or floated bonds to finance their acquisitions in the United States.

Another factor encouraging investment in the United States in the late 1980's was the dollar's devaluation relative to European currencies. After strengthening with respect to the British pound, the Dutch guilder, and German mark from 1980 to 1985, the dollar weakened until 1988. The dollar has fluctuated since 1988, but has not regained the strength it had in the mid-1980's (app. table 2).

The United States was an increasingly favorable haven for investments during the 1980's. Many countries that had been hosts for European investments suffered from foreign debt and general economic crises. In contrast, EC companies viewed the U.S. market as affluent and growing. This caused European investors to shift funds from developing countries in Latin America, Asia, and Africa to the United States. Foreign direct investment in developing countries slumped to a fifth of total foreign direct investment during the 1980's, down from a third in the 1970's, according to the United Nations Centre on Transnational Corporations (22).

4

1.2

Returns on capital, as measured by interest rates, also favored investment in the United States. Nominal and real interest rates were higher in the United States than in Germany and the Netherlands for most of the 1980's. U.K. nominal and real interest rates were higher than U.S. rates in the late 1980's.

Foreign direct investment was also used as a hedge against inflation, a means of transferring resources and technology, and a method of balancing portfolios (14). The United States has traditionally experienced relatively stable prices and costs compared with other countries. The U.S. inflation rate was considerably lower than in most other countries during the 1980's.

EC Investment in U.S. Agricultural Land

The European Community is the second largest source of foreign investment in U.S. agricultural land, after Canada. The European Community ranks first when joint U.S./U.K. investment projects are counted. EC companies realigned their investments in U.S. agricultural land during the 1980's, buying more expensive property. EC investors' ownership of U.S. land increased slightly in area, from 5.7 million acres in 1981 to 6.1 million acres in 1990 (table 2). However, the value of land owned by EC investors multiplied from \$1.6 billion to \$4 billion during the decade, mostly reflecting changes in the types of land purchased (table 3). In constant 1987 dollars, the value of land increased from \$2.7 billion in 1980 to \$5.2 billion in 1990.

The most notable changes from 1981 to 1990 include a large increase in joint U.S./U.K. and U.S./Dutch landownership, and a sharp decline in U.S./French agricultural properties. In 1990, 1.5 million acres of U.S. agricultural land were held by sole EC interests, compared with 4.6 million acres in joint ventures (table 2).

German investors were the largest EC sole proprietors, followed by U.K. investors. The United Kingdom and France led other EC countries in joint ventures with U.S. partners. Joint ventures between U.S. and U.K. partners made up 43 percent of all direct investment in agricultural land by EC interests. Companies headquartered in France, Germany, Greece, Ireland, the Netherlands, and the United Kingdom invested most heavily during the early 1980's, while Portuguese and Danish companies invested more during the latter half of the decade.

Forestland comprises 53 percent of the EC investments in U.S. agricultural land (table 4), followed by pastureland (25 percent) and cropland (15 percent). U.S./U.K. holdings of large lumber and paper companies constitute the largest share of forestland owned by EC investors, followed by U.S./French ventures. Some European corporations chose forestland as an investment because of European import requirements for forest products and paper. U.S./U.K., U.S./Dutch, and U.S./German joint owners are the largest EC holders of pastureland. German and U.S./German joint owners, followed by U.S./U.K. joint owners, hold the bulk of EC-owned cropland in the United States.

EC investors have purchased land in nearly every State (fig. 1). Most investments are scattered, amounting to less than 1,000 acres per county. Fifteen States have counties with over 10,000 acres owned by EC investors, and only five States have counties with over 100,000 EC-owned acres. Most of the larger investments consist of forestland.

فيقتلهم وكومة فبقرتهم للأستان المراجع والمعرفي والانتقاف والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع

Country	1981	1990
		Acres
Sole proprietor holdings:		
Belgium	64,949	63,372
Denmark	11,838	9,682
France	47,892	87,883
Germany	605,239	729,924
Greece	56,258	57,423
Ireland	10,358	10,705
italy	11,225	83,243
Luxembourg	4,564	6,485
Netherlands	128,994	127,208
Portugal	0	816
Spain	2,704	2,162
United Kingdom	327,939	311,306
Total	1,271,961	1,490,209
loint ventures:		
U.S./Belgium	55,364	78,737
U.S./Denmark	1,043	6,985
U.S./France	1,973,687	1,040,909
U.S./Germany	435,096	428,452
U.S./Greece	6,746	6,817
U.S./Ireland	0	3,004
U.S./Italy	76,166	20,214
U.S./Luxembourg	242,577	232,245
U.S./Netherlands	221,167	328,774
U.S./Portugai	0	1,683
U.S./Spain	5,496	4,214
J.S./United Kingdom	1,442,698	4,214 2,467,464
Fotal	4,460,040	4,619,498
tal investment	5,732,001	6,109,707

10

4

Table 2-EC ownership of U.S. agricultural land

ų. 4.

ţ.

ŝ,

たが、日本のであるというとなるというないというないであるというないであるというないであるというないです。

ALC: NO BE

Source: (5).

١.

2

Į,

	Belgium	Denmar	k Franci	e Germany	Greece	Ireland	l italy	Luxembourg	Netherlands	Spain	Portuga	United I Kingdom	Total
							00 dollars ¹		<u> </u>	<u></u>			
Pre-1980	05 F07					1,0	OU GOMAIS'						
1980	25,507	3,109			5,535	7,874	96,832						
1981	9,518				1,267	0	,	35,268	202,253	205	825	436,267	1,359,032
1982	2,318	1,130			3,046	Ğ		3,047	54,140	4,401	65		278,448
1983	1,632	242		77,842	0	ő	1,298	6,934	71,231	325	0		291,622
1984	906	2,127			ō	1,435	1,295	6	115,455	275	ō	56,692	
1985	1,332	0	109,910	66,416	ō	13,272	750	69	10,229	1,358	ō	43,559	288,291
1986	3,142	0		20,056	ō	1,648	550	1,270	68,695	0	2,009	42,841	162,176
1987	2,326	2,875	9,161	150,223	552	1,048	1,200	243	22,295	0	0	62,889	306,295
1988	2,044	689	21,584	46,445	335	1,700	4,624	0	13,167	2,760	ō	258,674	121,225
1989	857	3,815	35,255	34,662	5,700	99	4,114	3,800	20,711	108	102	43,271	444,525
990	222	0	89,442	25,403	0	100	8,465	0	13,106	3,660	0	68,717	144,901
1981-90	11,114	189	39,208	15,318	ŏ		1,671	0	4,116	1,792	õ	48,854	172,336
	22,898	96,627	424,432	596,091	3,633	0 18,417	6,315	800	5,285	825	ŏ	109,584	171,600
Sumulative	57,923	99,736	505,283	1,227,094	16,435	26,291	28,282	13,122	344,290	11,101	2,111	807,200	188,638
				• • •	10,400	20,23 {	127,945	51,437	600,933	15,707		1,279,999	2,374,204 4,011,534
						1,000 1	987 dollars	!				-	
re-1980	45,670	6,651	120 44-										
980	13,274	0,051	132,117	709,949	8,852	13,074	225,743	63,153	121.440				
981	2,913	1,432	250,083	207,338	1,767	0	3,948	4,249	131,143	493	175	768,053	2,105,073
982	1,947	289	54,652	114,195	3,860	C	1,645	8,788	75,509	6,138	293	50,951	613,550
983	1,038	2,439	41,577	92,890	0	0	1,545	7	90,280	411	0	91,405	369,581
984	1,463	• •	36,877	79,800	0	1,645	860	79	137,774	328	0	67,651	344,008
985	3,328	0	120,780	72,984	0	14,584	604	1,395	11,730	1,557	0	49,952	185,977
986	2,400	2,966	10,330	21,245	0	1,745	1,271	257	75,489	0	2,207	47,078	289,506
987	2,044	2,906	9,454	155,028	570	168	4,771	237	23,617	0	0	66,619	128,412
988	825		21,584	46,445	335	1,700	4,114	3,800	13,588	2,848	0	266,949	458,742
89	205	3,671	33,931	33,360	5,486	95	6,222		20,711	106	102	43,271	144,941
90	9,844	0	82,511	23,434	Ð	92	1,541	0	12,614	3,522	0	66,138	181,735
81-90	26,007	167	34,728	13,567	0	0	5,593	708	3,797	1,653	0	45,068	167,812
mulative	20,007 84,951	11,653	446,424	652,948	10,251	20,029	28,166		4,681	731	0	97,062	167,081
	V7,201	18,304	603,624 1	,570,235	20,870		257,857		394,281	11,156	2,309	841,193	2,459,451
Nominal.						•		02,430	600,933	17,787	2.777 1	660,197	5,178,074

. . .

- 5-

3...

J ...

1

11

.

Table 3--Value of EC investments in U.S. agricultural land

È,

· • !

1.

1

² Values are deflated by the U.S. gross domestic product (GDP) index, where 1987 = 100.

. اکنوں

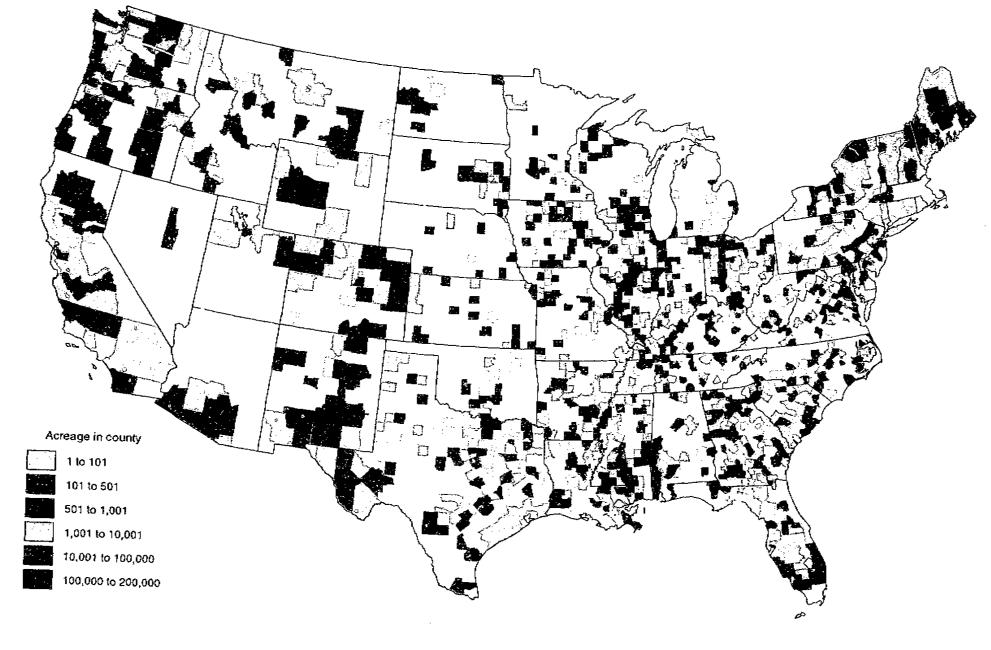


6

5.

1 N

The Constant of the



The second states and second

فالاستخدادة

.

29 A

the second s

and the second second

Country	Cropland	Pastureland	Forestiand	Other agricultural land	Non- egricultural land	Total
			A	c re s		
Belgium	23,700	93,477	17,462	3,728	3,742	142,109
Denmark	6,941	747	8,349	136	494	• -
France	67,969	56,839	923,229	66,644	14,111	16,667 1,128,792
Germany	474,818	360,970	239,017	45,106	38,465	
Greece	1,592	59,182	321	10	3,136	1,158,376
reland	3,315	7,434	202	343	2,415	64,241
italy	42,613	28,370	9,035	9,184	14,255	13,709
uxembourg	13,658	164,949	5,349	46,698	8,076	103,457
Netherlands	108,515	236,322	39,118	50,329	21,698	238,730
Portugai	1,926	- 253	200	0	120	455,982
Spain	2,988	1,865	636	615		2,499
Inited Kingdom	158,668	516,068	2,014,063	37,403	182	6,376
fota)	906,703	1,526,476	3,256,981	260,308	52,568 159,241	2,778,770 6,109,707

Table 4--EC ownership of U.S. agricultural land by use, 1990¹

¹ Listings include joint U.S./EC holdings.

Source: (5).

÷

ş

Many States have large investments from several countries. California, Colorado, Nebraska, New Mexico, Georgia, and Pennsylvania have large amounts of land owned by the United Kingdom, Germany, and the Netherlands. Some EC companies have large investments in particular States. German interests own large areas of cropland in Arkansas and extensive areas of forestland and pastureland in Virginia, as well as cropland and pastureland in Texas. U.K. investors own large tracts of forestland in Louisiana, Kentucky, Tennessee, Idaho, Oregon, Vermont, Washington, New York, and Florida. French business investments include Maine and New Hampshire forestland.

EC Investment in U.S. Agribusiness

The European Community is the largest source of foreign investment in U.S. agribusiness, especially in the food-processing subsector. The United Kingdom surpassed the Netherlands in 1989 as the leading source of foreign investment in U.S. agribusiness.

EC companies' stake in U.S. agribusiness grew from \$15 billion in 1987 to \$25 billion in 1990 (table 5), comprising 80 percent of the total foreign direct investment in U.S. agribusiness in each year. Food and kindred products comprised the largest share of this investment. EC investment in food and kindred products, including processed fruits and vegetables, frozen dinners, wine, cheese, bottled

water, and soft drinks, nearly doubled from 1987 to 1989.³ EC interests also own several fast-food and retail grocery chains, such as Burger King. Investments in textiles started from a lower base but grew rapidly to reach \$2 billion in 1990.

Contraction of the second

Until 1990, EC investors brought new capital into U.S. agribusiness. In 1990, however, the total EC investment in U.S. agribusiness slowed. EC companies withdrew \$1.3 billion from the U.S. food and kindred products industries, causing their investment in that industry to decline 9 percent. Germany and the United Kingdom were the principal countries divesting funds out of the U.S. food and kindred products industries, while companies headquartered in the Netherlands continued to bring in new capital.

The German presence in U.S. agribusiness declined in 1989 and 1990 (table 6). The decline in investment in U.S. food and kindred products represents the payment of loans to an overseas German affiliate, not the sale of a food manufacturing company in the United States. German investments in wholesale groceries and retail foodstores rose.

Nearly all of the Dutch investments in U.S. agribusiness are concentrated in food and kindred products (table 7). While Dutch investments in food and kindred products increased rapidly in 1989 and 1990, investments in wholesale grocery establishments and retail foodstores mostly declined. However, Ahold retained its position as the 13th largest food retailer in the United States, with U.S. sales of \$4.4 billion in 1990.

Companies headquartered in the United Kingdom also invested heavily in U.S. food and kindred products, with their investments increasing from \$4 billion in 1987 to \$10 billion in 1989 (table 8). But in 1990, U.K. companies' investments in U.S. food and kindred products declined to \$9 billion.

EC Conglomerates in U.S. Agribusiness

The food and kindred products industries in both the United States and the European Community are characterized by a dominant core of large firms and a fringe of smaller firms. The dominant firms typically have transnational interests and a highly diversified product range. The 50 largest food-manufacturing firms in the United States account for 50 percent of all U.S. food-manufacturing output; the 50 largest food manufacturers in the European Community account for nearly 40 percent of all EC food production (9). Nestlé (a Swiss company, hence outside the EC) is the world's largest food-manufacturing company, followed by Philip Morris/Kraft General Foods (U.S.) and Unilever (U.K. and Netherlands). Six of the top 50 firms in the U.S. food industry are based in Europe: Nestlé (Switzerland), Unilever (U.K. and Netherlands), Grand Metropolitan (U.K.), United Biscuits (U.K.), Allied Lyons (U.K.), and Gruppo Ferruzzi (Italy) (table 10).

Many investments of the late 1980's were made by these large conglomerates as they extended their presence into the U.S. market. One of the largest acquisitions of 1989 was made by Grand Metropolitan, which invested \$5.8 billion to acquire the Pillsbury Company. When Grand

³ The nominal value of EC investment in the U.S. food and kindred products industry increased from \$1.7 billion in 1980 to nearly \$18 billion in 1990. The 1980 EC investment was equivalent to \$2.4 billion (1987 dollars), compared with the adjusted 1990 investment of \$13.8 billion.

Economic sector	1980	1987	1988	1989	1990
			Million o	lollars	
Food and kindred products	1,747	10,390	12,329	19,381	17,947
Farm and garden machinery	N.A.	1	2,458	362	1,268
Textile products and apparel	N.A.	743	1,468	1,721	1,953
Groceries and related products, wholesale	N.A.	1,040	1,380	1,304	1,035
Farm products, wholesale	N.A.	210	652	404	468
oodstores	N.A.	1,853	1,602	1,590	2,142
ating and drinking places	N.A.	N.A.	46	42	43
Agricultural production	N.A.	576	551	592	+3 582
fotal	N.A.	14,813	20,486	25,398	25,428

SAME T

Ň

2

Table 5--EC: Direct investment in U.S. agribusiness by economic sector

N.A. = Not available. Source: (<u>19</u>),

Table 6--Germany: Direct investment in U.S. agribusiness by economic sector

Economic sector	1980	1987	1988	1989	1990
			Million d	oliars	
Food and kindred products Agricultural chemicals	38	650	638	589	91
Farm and garden machinery	N.A.	28	5	5	27
Textile products and apparel	N.A.	6	6	7	6
Fobacco products	N.A.	149	195	268	244
Groceries and related products, wholesale	N.A.	2	-3	N.A.	-3
arm products, wholesale	N.A.	345	362	374	423
oodstores	N.A.	5	10	11	10
Agricultural production	N.A.	588	677	N.A.	976
otal	N.A.	251	280	263	237
	N.A.	2,024	2,170	2,194	2,011

N.A. = Not available.

Source: (19),

Economic sector	1980	1987	1988	1989	1990
			Million d	ollars	
Food and kindred products	879	5,260	6,255	6,744	7,267
Agricultural chemicals	N.A.	-1	5	5	
Textile products and apparel	N.A.	81	89	_	N.A.
Tobacco products	N.A.	N.A.		104	121
Groceries and related products, wholesale	N.A.	125	N.A.	3	4
Farm products, wholesale			181	78	94
Foodstores	N.A.	6	N.A.	N.A.	Ń.A.
	N.A.	639	571	537	N.A.
Agricultural production	N.A.	88	N.A.	N.A.	-3
Total	N.A.	6,198	7,101	7,471	7,483

1

4

2

Table 7-- Netherlands: Direct investment in U.S. agribusiness by economic sector

N.A. = Not available.

Source: (19).

. 6

Ç

ý.

Table 8--United Kingdom: Direct investment in U.S. agribusiness by economic sector

Economic sector	1980	1987	1988	1989	1990
			Million a	ollars	
Food and kindred products	453	4,131	4,356	10,481	0 700
Agricultural chemicals	N.A.	N.A.	N.A.	N.A.	8,793
Fextile products and apparel	N.A.	409	973		N.A.
proceries and related products, wholesale	N.A.	515	780	1,155	1,388
arm products, wholesale	N.A.	285	437	773	393
oodstores	N.A.	N.A.		178	200
ating and drinking places	N.A.		N.A.	N.A.	N.A.
gricultural production	· · · · · •	3	3	2	2
	N.A.	184	211	250	268
otal	N.A.	5,527	6,760	12,839	11,044

N.A. = Not available.

Source: (19).

1980	1987	1988	1989	1990
		Million 1987	dollars	
2,426	14,813	19,694	23,513	22,502
52	2,024	2,086	2,030	1,778
1,220	6,198	6,828	6,918	7,483
629	5,527	6,501	11,889	9,773
	2,426 52 1,220	2,426 14,813 52 2,024 1,220 6,198	Million 1987 2,426 14,813 19,694 52 2,024 2,086 1,220 6,198 6,828	Million 1987 dollars 2,426 14,813 19,694 23,513 52 2,024 2,086 2,030 1,220 6,198 6,828 6,918

Table 9--EC: Direct investment in U.S. agribusiness in 1987 dollars

Source: Tables 6, 7, and 8. Values are deflated by the U.S. GDP index, where 1987=100.

Metropolitan purchased Pillsbury, it acquired many name-brand companies whose products range from wine to pet foods. Tate & Lyle PLC, a British-based sugar refiner, paid \$1.5 billion for Staley Continental Incorporated in 1989 and acquired Amstar Sugar Corporation, the largest cane sugar refiner in the United States.

Unilever, a Dutch/U.K. conglomerate, has a longstanding presence in the U.S. food industry. Unilever's holdings include Lever Brothers, a highly diversified company with products ranging from ice cream to soap. France's Perrier (recently purchased by Nestlé), best known for its mineral water, has purchased several U.S. bottled water companies as well. Food Lion, owned by a Belgian company, was the fastest growing chain of food retailers in the United States in 1991.

Economic Effects

Gains from foreign direct investment in the United States should occur in the form of increased employment and growth in GNP, coupled with some losses in returns on capital to domestic investors (3, 7). However, in more than 90 percent of the cases, EC companies purchased already existing companies, so the transfer of ownership did not necessarily create new jobs. Affiliates of EC companies in the United States have provided 120,000 jobs in the U.S. food and kindred products industry and another 204,000 jobs in retail foodstores and other retail trade (table 11). Textile manufacturing, wholesale trade in groceries, trade in farm products, and employment in agriculture, forestry, and fisheries also provided job opportunities. Salaries and benefits from this employment amounted to \$7.8 billion in 1989.

Since EC investment often represents an acquisition of existing property, only a few of the investments have brought in new plants. In these cases, European-brand breads, cookies and biscuits, yogurt, cheeses, prepared spaghetti sauces, candy bars, dried soups, soft drinks, and liquors are produced in the United States instead of being imported. Development of these products has added to employment as well as to the diversity of foods available to U.S. consumers.

Most of the agribusiness products made by EC affiliates have stayed in the United States. Indeed, the exports of these affiliates declined from \$11 billion in 1980 to \$7 billion in 1989. Of that \$7 billion, \$4 billion consisted of farm products, mainly lumber, exported by French companies (table 12).

Table 10--Ownership of U.S. food and kindred product affiliates by country and owner

Belgium

.11

ţ

ь,

Delhaize LeLion Food Lion Food Town Stores

France

Bongrain Alta Dena Dairy Zausners Food Incorporated

BSN Dannon Dannon Yogurt

Moët-Hennessey Moët-Hennessey USA Domaine Chandon Winery Simi Winery

Rhône-Poulenc Mobil's Crop Chemicals

Source Perrier Arrowhead Drinking Water Calistoga Daisy Fresh Corporation Poland Springs Sorrento Cheese Company Sunshine Water Company

Vilgrain Group Country Epicure

Germany

Henkel KGAA Moore's Food Products Process Chemical Division of Diamond Shamrock

Tengelmann Group Eagle Discount Supermarkets Great Atlantic and Pacific Tea Waldbaum, Incorporated Shopwell

itely

Grappo Ferruzzi Central Soya Ianovative Pork Concepts Louisville Edible Oil Company Plant Cell Research International

Italgrain SPA Fowles Grain Company New England Milling Company

Notherlands

Ahold NV First National Supermarkets Giant Food Stores, PA

Unilever JH Filbert Gold Bond Ice Cream Good Humor Ice Cream Lawrey's Foods Lever Brothers, Inc. Lipton Company Pennant Products Ragu Food Company Sheed's Food Products Tio Sancho Van dan Bergh Foods Wyler's Powdered Soft Drinks

Koninklijke Wessahen America Natural Snacks Crowley Foods Green's Dairy Helluva Good Cheese Ohio Pure Foods

United Kingdom

Attied Lyons Clos Dubois DCA Food Industries Incorporated Hiram Walker, Incorporated Tetley Tea Company BAT Industries Burger Chef Grisanti Incorporated Hardee's

British Petroleum Purina Milis Illinois Packing Company

Cadbury Schweppes Canada Dry Cadbury Schweppes Dr. Pepper Mott's Apple Products RIR's Soft Drinks and Suba Taylor Food Products, Inc.

Dalgety Lee Brand Oshita Produce Company Santa Fe Driscoll Packers, Jus.

Grand Metropolitan Almaden Vineyarda Alpo Pet Foods Burger King Christian Brothers Dry Milks, Inc. Green Giant Haagen Däaz Ice Cream Heublein's Geno's Joan of Are Pillsbury Company Totino's Western Dairy Products

United Biscuits Bernardi Food Company Keebler Company Robert A. Johnston Ready Crust Specialty Brande, Inc.

Tate and Lyle Amstar Sugar Products Pacific Molasses Company Refined Syrups and Sugars Refineries Seed and Farm Supply, Inc. Staley Continental, Inc.

÷ĝ

Economic sector	Total Europe	France	Germany	Nether- lands	United Kingdom
			1,000 emp	loyees	
Food and kindred products Beverages Other	120.9 16.1 104.9	11.1 4.8 6.3	3.7 1.2 2.5	19.9 N.A. N.A.	40.8 N.A. N.A.
Textile products, apparel	27.3	2.3	5.0	.8	14.5
Groceries, wholesale	15.0	1.0	N.A.	1.6	5.4
Farm products, wholesale	10.8	8.3	N.A.	.1	.5
Foodstores, retail	204.5	12.4	86.2	32.1	N.A.
Agriculture, forestry, and fisheries	8.5	2.3	1.3	.4	3.3
Total	387.0	37.4	96.2	54.9	64.5

1

2

ļ

Table 11--U.S. employment by EC affiliates by industry, 1989

N.A. = Not available.

Source: (18).

.

and the second second

4

Υ.

ALC: NO

Table 12--U.S. exports shipped by EC affiliates by industry, 1989

Economic sector	Total Europe	France	Germany	Nether- lands	United Kingdom
			Million (ioilars	
Food and kindred products Beverages Other	598 44 554	35 8 27	9 N.A. 9	29 0 29	187 0 0
Textile products and apparel	113	N.A.	20	1	40
Groceries, wholesale	301	N.A.	N.A.	1	174
Farm products, wholesale	6,368	4,107	17	34	N.A.
Foodstores, retail	0	1	0	0	0
Agriculture, forestry, and fisheries	50	0	0	о	0
Total	7,430	4,143	46	65	401

N.A. = Not available.

Source: (18).

References

1. Bhagwati, J.N. "International Factor Movements and National Advantage," Indian Economic Review, Vol. 14, pp. 73-100, 1979.

ないないためのであるとなるというというないというないというというというというというというと

- 1

ŀ

2. Bhagwati, J.N., and T.N. Srinivasan. Lectures in International Trade. MIT Press, Cambridge, MA, 1983.

3. Bolling, H. Christine. <u>The Japanese Presence in U.S. Agribusiness</u>, FAER-244, U.S. Dept. Agr., Econ. Res. Serv., June 1992.

4. Brecher, R., and C. Diaz-Alejandro. "Tariffs, Foreign Capital and Immiserizing Growth," Journal of International Economics, Vol. 7, pp. 317-322, 1977.

5. DeBraal, J. Peter. Foreign Ownership of U.S. Agricultural Land, Through December 31, 1990. ERS Staff Report No. AGES 9124, U.S. Dept. Agr., Econ. Res. Serv., May 1991.

6. Graham, Edward, and Paul Krugman. Foreign Direct Investment in the United States. Institute for International Economics, Washington, DC, 1989.

7. Grennes, Thomas. International Economics. Prentice-Hall, Inc., Englewood Cliffs, NJ, 1989.

8. Handy, Charles. "Globalization in Food Marketing: Multinational Ownership Linkages: Strategies to Access International Markets." Unpublished material, U.S. Dept. Agr., Econ. Res. Serv., 1990.

9. Handy, Charles R., and Dennis R. Henderson. "Implications of a Single EC Market for the U.S. Food Manufacturing Sector," <u>EC 1992 Implications for World Food and Agricultural Trade:</u> <u>Proceedings</u>. U.S. Dept. Agr., Econ. Res. Serv., Staff Report No. AGES 9133, Oct. 1991.

10. Henderson, James M., and Richard E. Quandt. <u>Microeconomic Theory, A Mathematical Approach</u>. Third Edition. McGraw Hill, New York, 1980.

11. International Monetary Fund. International Financial Statistics. Washington, DC, 1991.

12. Kreinin, Mordechai E. International Economics: A Policy Approach. Harcourt Brace Jovanovich, New York, 1987.

13. MacDougal, G.D.A. "The Benefits and Costs of Private Investment from Abroad: A Theoretical Approach," <u>Economic Record</u>, Vol. 36, pp. 133-35, 1960.

14. Rivera-Batiz, F.L., and L.A. Rivera-Batiz. "Effects of Direct Foreign Investments," Journal of <u>Development Economics</u>, Vol. 34, pp. 295-307. Elsevier Science Publishers B.V., North Holland, Amsterdam, 1990.

15. Scherer, F.M. Industrial Market Structure and Economic Performance. Houghton Mifflin Company, Boston, MA, 1980.

16. Timmons, John F. "Foreign Investment in U.S. Real Estate: An Overview," <u>Foreign Investment</u> in U.S. Real Estate, Gene Wunderlich (Ed.). U.S. Dept. Agr., Econ. Res. Serv., June 1976.

. 1

ł,

てなられたが、していたいというというというというというできます。

17. Tolchin, Martin, and Susan Tolchin. <u>Buying into America: How Foreign Money is Changing the Face of Our Nation</u>. Time Books, New York, 1988.

18. U.S. Department of Commerce, Bureau of Economic Analysis. Foreign Direct Investment in the United States. Operations of U.S. Affiliates of Foreign Companies. Preliminary 1988 Estimates. Aug. 1990.

19. U.S. Department of Commerce, Bureau of Economic Analysis. <u>Survey of Current Business</u>. Vol. 70, No. 8, and earlier issues.

20. U.S. Department of Commerce, International Trade Administration. Foreign Direct Investment in the United States, 1987 Transactions. Dec. 1988.

21. Yarbrough, Beth V., and Robert M. Yarbrough. <u>The World Economy: Trade and Finance</u>. The Dryden Press, Chicago, IL, 1988.

22.____. "Foreign Investment and the Triad," The Economist. London, Aug. 24, 1991.

Year	Foreign reserves		Current account				
	United Kingdom	Nether- lands	Germany	United Kingdom	Nether- lands	Germany	
			Billion	dollars			
1980	20.65	11.64	48.59	6.86	-1.16	-14.10	
1981	15.24	9.34	43.72	14.13	3.55		
1982	12.40	10.13	44.76	7.99	4.70	-3.40	
1983	11.34	10.17	42.67	5.67	4.91	4.98	
1984	9.44	9.24	40.14	2.30	6.33	5.43 9.47	
1985	12,86	10,78	44.00				
1986	18.42		44.38	4.14	4.19	16.87	
1987	41.72	11.19	51.73	.21	4.04	39.78	
1988	44.10	16.00	78.76	-6.96	3.83	45.93	-
1989	34.77	16.08	58.53	-27.62	6.87	50.23	
1990		16.51	60.71	-33.41	9.60	56.90	
1990	35.85	17.48	67.90	-24.60	10.39	46.80	

Appendix table 1--Foreign reserves and current account position of selected EC countries

45 4

SALESSING AND A DISCOUNTS

1. I.

1.3

Appendix table 2--Exchange rates of major EC currencies with respect to the U.S. dollar

Year	British pound	Dutch guilder	German mark	
1980	0.429	1.9881		
1981	0.493	2.4952	1.8177	
1982	0.571		2.2600	
1983	0.659	2.6702	2.4266	
1984	0.748	2.8541	2.5533	
	0.748	3.2087	2.8457	
1985	0.771	2 2214		
1986	0.682	3.3214	2.9440	
987	0.610	2.4500	2.1715	
988	0.561	2.0257	1.7974	
1989		1.9766	1.7562	
1990	0.610	2.1207	1.8800	
1330	0.560	1.8209	1.6157	

Company	Location	Economic activity	Investor	Year	Purchase price
Belgium:					
TH Agriculture and Nutrition Division	1L	Agricultural chemicals	Solvay & Cie	1984	N.A.
Food Lion, Inc.	Salisbury, NC	Supermarkets	Delhaize LeLion Group	1987	N.A.
Universal Foods Stella Cheese Division	Peru, IN	Cheese	RT Holdings SA	1990	N.A.
France:					
Agraseed Research International	CA	Biotechnology	Rhone-Polenc SA	1984	N.A.
Alta Dena Certified Dairy	Los Angeles, CA	Dairy	Bongrain SA	1989	N.A.
Arrowhead Drinking Water Company	Monterey Park, CA	Bottled water	Source Perrier SA	1987	\$250
Auchan Supermarket	Houston, TX	Supermarkets	Auchan Group	1989	million N.A.
layshore Foods	Salisbury, MD	Poultry	Imperial Group Ltd.	1979	\$24 million
leatrice Foods/ Jarinon Company	New York, NY	Dairy products	ESN Gervais Danone	1981	\$84.3
orden's Hotel ivision, Butter Group	New York, NY	Dairy products	Sociedad de Diffusion Internacionale Alimentaire	1989	million N.A.
alistoga Water ompany	Los Angeles, CA	Bottled water	Source Perrier SA	1987	N.A.
alkins Citrus Company	Indiantown, FL	Citrus packing	Cie de Navigation Mixte	1988	\$130 million
halone, inc.	San Francisco, CA	Winery	Baron Eriede de Rothchild	1987	N.A.
puntry Epicure, Inc.	Ketonah, NY	Cookies, crackers	Vilgrain Family	1990	N.A.

2

Ĵ.

••

Continued-

Company	Location	Economic activity	Investor	Year	Purchase price
Daisy Fresh Corporation	Los Angeles, CA	Cheese	Source Perrier SA	- <u> </u>	<u>pice</u> N.A.
Domaine Carneros	Sonoma, CA	Winery	Taillinger Cie Comm et Viticole		N.A.
Dressel's Bakeries	Chicago, IL	Bakeries	Institute of Development Industries Agricoles	1987	N.A.
Fanny Farmer Candies	ОН	Candies	Poulain Industries	1984	
Fisher Packing Company	Louisville, KY	Meats	Bongrain SA	1988	N.A.
Lenoire Candies	тх	Candies	Lenoire	1984	\$35 million
International Seeds, Inc.	Halsey, OR	Seed company	Cebeco-Handelsrand	1988	N.A. N.A.
Lacheminee Restaurant	CA	Restaurant	Sonotel Corporation	1986	\$400,000
Lea Perrins	N.A.	Food flavorings	BSN Cie	1988	\$338.5 million
Meadow Gold Ice Cream	New York, NY	Ice cream	Societe Agro- Alimentaire	1989	N.A.
Moët-Hennessey USA Corporation	Los Angeles, CA	Wineries	Moët-Hennessey	1981	N.A.
Mobil's Crop Chemical Assets Division	TN	Agricultural chemicals	Rhône Poulenc SA	1981	N.A.
Mothers Cake and Cookie Company	Oakland, CA	Cookies, biscuits	RT Holdings SA	1990	N.A.
Opus One	Napa, CA	Winery	Robert Mondavi Winery, Chateau Mouton- Rothchild	1989	N.A.
Quaker Oats Burry Division	Chicago, fL	Cookies, biscuits	Generale Biscuit SA	1980	\$12 million
² oland Springs Bottled Water	Poland, ME	Bottled water	Source Perrier SA	1987	N.A.
iasa Pet Products	Hartford, IL	Pet foods	Eta Conservation		
reston Cheese	Preston, WI	Cheese	Ets Guyomarch	1988	N.A.
Company	• • •		Couturier Family	1989	N.A.
aratoga Bottled Water ompany	Saratoga, NY	Bottled water	BSN Cie	N.A.	N.A.
charffenberger Cellars	Philo, CA	Wineries	BSN Cie	1989	\$5 million

4

Ý

Service Side and

NV.

> > Continued--

¥

the second

a teacharaine that a post of the

6.5

Company	Location	Economic activity	Investor	Year	Purchase price
Schramsberg/ Remy	Napa, CA	Winery	E. Remy Martin & Cie SA	1982	N.A.
Seafood Broiler Restaurant	Lakewood, CA	Restaurant	Accor SA	1987	N.A.
Sierra Spring Water Company	Sacramento, CA	Bottled water	Cie Generale des Eaux	1988	\$38 million
Simi Winery	Healdsburg, CA	Winery	Moët-Henessey	N.A.	N.A.
Sorrento Cheese Company, Incorporated	Buffalo, NY	Cheese	Source Perrier SA	1988	N.A.
Sunshine Water Company	Tampa, FL	Bottled water	Source Perrier SA	1987	N.A.
Thriftmark Incorporated	CA	Restaurant	Establishment Economic du Casino Guichard	1984	\$116 million
Union Carbide's Worldwide Agricultural Products Division	Danbury, CN	Agricultural chemicals	Government of France	1986	\$575 million
Vie de France Corp.	McLean, VA	Restaurants	Vilgrain Family	1987	N.A.
Yoo-hoo Chocolate Beverage Corporation	Caristadt, NJ	Beverages	Pernod Ricard SA	1988	N.A.
Zausner Food, Incorporated	PA	Dairy products	Bongrain SA	N.A.	N.A.
Zephyr Hills	Zephyr Hills, FL	Bottled water	Source Perrier SA	1987	N.A.
Germany:					
Albertsons, inc.	Boise, ID	Supermarkets	Theo Albrecht	1989	\$38 million
Austin Foods Company	Charlotte, NC	Cookies, biscuits	H. Bahlsen Keksbabrik KG	1986	\$5 million
lest Yet Foods	Chatsworth, GA	Supermarkets	Franz Haniel & Cie	1980	\$1.4 million
forman's, incorporated	Detroit, MI	Supermarkets	Tengelmann GMBH	1989	\$39 million
uena Vista Winery	Sonoma, CA	Winery	A. Roche Company	1979	•00 (Mador) N.A.
elgene Corporation	Warren Township, NJ	Biotechnology	Hoechst Corporation	1987	N.A.

Continued--

4

÷.,

21

 ${\mathfrak D}$

1.6

-53

5

ŧι

Contraction of the second s

パート おうい 日本 ひかい かんしまい

A A A A A A A A A A A A A A A A A A

Company	Location	Economic Activity	U.S. agribusinessConti Investor	Year	Purchase
Eagle Discount Supermarkets	Rock Island, IL	Supermarkets	Tengelmann GMBH	1984	price N.A.
Gateway Foods, Incorporated	LaCrosse, WI	Groceries, wholesale	Franz Haniel & Cie	1989	N.A.
General Mills Pioneer Products Division	Ocala, FL	Candies	Schwartauer Werke GMBH and Co.	1988	N.A.
Great Atlantic & Pacific Tea	Montvale, NJ	Supermarkets	Tengelmann GMBH	1980	\$4.4 million
General Mills Chemicals, Inc.	Minneapolis, MN	Agricultural chemicals	Henkel GMBH	1977	\$75 million
Haywood Winery	Sonoma, CA	Winery	Racke International	1990	N.A.
Moore's Food Products	WI	Fresh, frozen products	Clorox, Co.	1978	\$4.7 million
Moxie Industries, Incorporated	GA	Beverages	Peter Eckes	1984	\$1.3 million
Mount Veeder Winery	Napa, CA	Winery	Peter Eckes	1989	
Nor-Am Agricultural Products Inc.	Chicago, IL	Groceries, wholesale	Schering AG	1989	N.A. \$9 million
Pioneer Hy-Bred International Poultry Divisions	Des Moines, IA	Poultry breeding	Lohmann Apparatebau GMBH	1978	\$7.5 million
Process Chemical Division of Diamond Shamrock	Morristown, NJ	Agricultural chemicals	Henkel KGAA	1987	N.A.
Rohm and Haas Seed Business	Philadelphia, PA	Seed company	KWS Kleinwanzebener Saatzucht AG	1987	N.A.
Royal Foods Company	San Jose, CA	Fruits and vegetables, wholesale	Albert Fisher Group PLC	1989	\$11 million
urr's Supermarkets	El Paso, NM	Supermarkets	Asko Deutsche Kaufhaus AG	1987	N.A.
Valdbaum, Inc.	Central Island, NY	Supermarkets	Tengelmann GMBH	1987	\$149.2
Vayne Candies acorporated	Fort Wayne, IN	Candies	Storck KG	1981	million \$1 million

E .,))

100 C

2

Continued--

Company	Location	Economic activity	Investor	Year	Purchase price
ltaly:					
Benneton USA	NC	Knitting mills	Benneton Family	1986	\$5 million
Central Soya Corporation	Fort Wayne, IN	Prepared feeds	Gruppo Ferruzzi	1986	\$360 million
DDL Foodshow	Los Angeles, CA	Restaurant	Dino DeLaurenti	1984	N.A.
Lazzaroni's Bakery	New York, NY	Bakeries	D. Lazzaroni & Company	1981	N.A. New plant valued at \$2.5 millior
Innovative Pork Concepts	Delphi, IN	Pork processing	Gruppo Ferruzzi	1989	N,A.
Louisville Edible Oil Company	Louisville, KY	Vegetable oils	Gruppo Ferruzzi	1980	N.A.
Bice Restaurant	New York, NY	Restaurant	Bice Restaurant	1987	a 1 a
Fowles Grain Company	St. Louis, MO	Grain storage	Italgrani SPA	1987,	N.A.
Vew England Milling Company	Boston, MA	Grain milling	Italgrani SPA	1980, 1987	\$15 million N.A.
Plant Cell Research International	Dublin, CA	Biotechnology	Gruppo Ferruzzi	1987	N.A.
reland:					
eatreme Food ngredients Inc.	Beloit, Wi	Food seasonings	Waterford PLC	1988	\$130 million
hateau Elan	Napa, CA	Winery	Donald Panoz	1007	
airyland Products	Savage, MN	Dairy product ingredients	Kerry Foods PLC	1984 1984	N.A. N.A.
alloway West Cheese Impany	Fond du Lac, Wi	Cheese	• Waterford PLC	1989	\$30 million

Ą:

ь,

4

í.

ويعادله أربعه مقاتلهما فإمركتم محفران ورمام بالعود

Way and a second second

Continued--

2

23

2 . Samera .

· ...

u.

2. 9°Z

14

Ņ

Company	Location	Economic activity	Investor	Year	Purchase price
Netherlands:					
American Natural Snacks Incorporated	St. Augustine, FL	. Snack foods	Koninklijke Wessanen NV	1986	\$7.5 million
Award Foods	Dailas, TX	Fruits and vegetables, wholesale	Koninklijke Wessanen NV	1988	N.A.
Borden's/Wyler's Powdered Soft Drinks Division	New York, NY	Beverages	Unilever NV	1987	N.A.
Crowley Foods	Binghamton, NY	Dairy products	Koninklijke Wessanen NV	1983	\$16.4 million
First National Supermarkets	Maple Heights, OH	Supermarkets	Ahoid NV	1988	N.A.
Giant Food Stores	Carlisle, PA	Supermarkets	Ahold NV	1981	N.A.
Green's Dairy	York, PA	Dairy products	Koninklijke Wessanen NV	1986	N.A.
Greenhouse, Incorporated	Albany, NY	Groceries, wholesale	Koninklijke Wessanen NV	1988	N.A.
Gourmet Foods, incorporated	St. Paul, MN	Groceries, wholesale	Koninklijke Wessanen NV	1988	N.A.
Heluva Good Cheese	NY	Cheese	Koninklijke Wassanen NV	1984	N.A.
International Cheese Company	Hineshurg, VT	Cheese	Tiense Suiker International BV	1 987	N.A.
International Seeds, Incorporated	Halsey, OR	Seed company	Cebeco-Handelsraad	1988	N.A.
nterstate Seed Company	Fargo, ND	Seed company	Vanderhave Seed Company	1980	N.A.
I.H. Filbert, Inc.	Baltimore, MD	Vegetable oils	Unilever NV	1986	\$1 a
oma Linda Foods, ncorporated	Riverside, CA	Food processing	Verenigde Bedrijven Nutricia	1989	N.A. N.A.
hio Purefoods	Akron, Ohio	Canned fruits, vegetables	Koninklijke Wessanen NV	1988	N.A.
ree of Life Foods, ncorporated	Tampa, FL	Health foods	Koninklijke Wessanen NV	1985	\$15 million

11

ű.

. .

--Continued

Ż

4

Company	Location	Economic Activity	Investor	Year	Purchase price
Spain:					
Gloria Ferrer Champagne Caves	Sonoma, CA	Winery	Freixenet SA	1986	\$9 million
United Kingdom:					
Almaden Vineyards	San Jose, CA	Winery	Grand Metropolitan PLC	1987	\$128 million
Alpo Pet Foods	Minneapolis, MN	Pet foods	Grand Metropolitan PLC	1989	N.A.
Amstar Sugar Corporation	New York, NY	Sugar refineries	Tate & Lyle Ltd.	1988	Purchased for \$310 million
Ashford Creameries	Minneapolis, MN	Dairy products	Hillsdown Holdings PC	1988	N.A.
Barton Brands LTD	Chicago, IL	Distilled beverages, wholesale	Amalgamated Distilled Products SLC	1982	\$38 million
Bernardi Food Company	Chicago, IL	Cookies, biscuits	United Biscuits PLC	1989	\$14.5 million
Buckingham Corporation	NY	Distilled beverages, wholesale	Whitebread and Company PLC	1984	\$110 million
Brasseire	Atlanta, GA	Restaurant	Ringo Starr	1986	\$2 million
Canada Dry ncorporated	White Plains, NY	Beverages	Cadbury-Schweppes Ltd.	N.A.	N.A.
Cadbury-Schweppes	ΡΑ	Beverages	Cadbury-Schweppes Ltd.	1981	\$4 million plant expansion
Carleton Woolen Mills, nc.	Winthrop, ME	Woolen mills	Charterhouse Group, Ltd.	1980	N.A.
Christian Brothers Vinery	St. Helena, CA	Winery	Grand Metropolitan PLC	1989	N.A,
Clos Dubois Wines	Healdsburg, CA	Winery	Allied Lyons PLC	1988	\$40 million

6,

e

:6

CONTRACTOR NO.

.

Section 1

--Continued

χ

25

9

12

1

Company	Location	Economic activity	Investor	Year	Purchase price
Collins Food Service Incorporated	Los Angeles, CA	Food service	Bunzi PLC	1987	\$40 million
Crush, International	Cincinnati, OH	Beverages	Cadbury-Schweppes Ltd.	1989	\$220 million
Di Giorgio Company	San Francisco, CA	Food processing	Mim Group	1987	N.A.
DCA Food Industries Incorporated	N.A.	Food processing	Ailied-Lyons PLC	N.A.	N.A .
Doric Foods Corporation	Mt. Dora, FL	Canned fruits and vegetables	Charterhouse Group PLC	1983	N.A .
Dry Milks, Incorporated	Louisville, KY	Dairy products, wholesale	Grand Metropolitan PLC	1980	N.A.
Dunkin Donuts	Randolph, MA	Donuts	Allied Lyons PLC	1990	\$325 Million
Durkee French Foods	NJ	Food processing	Reckitt and Colman PLC	1987	N.A.
El Molino Mills	CA	Grain milling	Booker McConnell PLC	1984	N.A.
Glorieus Food	NY	Restaurants	Banca Commerciale Italiana	1984	N.A.
G and G Produce Company	Los Angeles, CA	Fruits and vegetables, wholesale	Albert Fisher Group PLC	1988	Purchased for \$7.9 million
Garst Seed Company	Des Moines, IA	Seed company	Imperial Chemical Industries	1987	N.A.
General Mills Tom's Foods Division	Columbus, GA	Food processing	Joseph Rowntree Trusts	1983	\$215 million
Sold Bond Ice Cream	Hagerstown, MD	fce cream	Unilever PLC	1989	N.A.
Good Humor Ice Cream	N.A.	Ice cream	Unilever PLC	N.A.	
Grace Cocoa	New York, NY	Chocolate products	N and W Berisford PLC	1988	N.A. N.A.
ireen Giant	MI	Food processing	Grand Metropolitan PLC	1989	N.A.
irisanti, Incorporated	IN, KY	Restaurants	BAT Industries	1984	NF A
uilford Industries, Inc.	Guilford, ME	Woolen mills	Debron investments	1986	N.A. \$95 million

.4

A STATE OF THE REPORT OF THE R

.

5

Ä.

×

Continued--

1

÷.,

and a second

Company	Location	Economic activity	Investor	Year	Purchase price
Haagen Däaz Ice Cream	Washington, DC	Ice cream	Grand Metropolitan PLC	1989	N.A.
Hardee's Food Systems, Inc.	Rocky Mount, NC	Restaurants	BAT industries	1980	\$85 million
Hiram Walker, Incorporated	New York, NY	Distilled beverages	Allied Lyons PLC	N.A.	N.A.
Heublein's	Farmington, CT	Distilled beverages	Grand Metropolitan PLC	1987	N.A.
Illinoîs Packing Company	IL	Meat packing	British Petroleum	N.A.	N.A.
Inn at Perry Cabin	St. Michaels, MD	Restaurant	Sir Bernard Ashley	1990	\$6 million
J.E. Morgan Knitting Mills	PA	Knitting mills	Dawson International PC	1984	\$42.5 million
Jeno's Foods	N.A.	Food processing	Grand Metropolitan PLC	1989	N.A.
Joan of Arc	N.A.	Food processing	Grand Metropolitan PLC	1989	N.A.
Keebler Company	Elm, IL	Cookies, biscuits	United Biscuit Holdings Ltd.	1974	\$62.4 million
Kings Supermarkets	Caiwell, NJ	Supermarkets	Marks and Spencer PLC	1988	\$108 million
Kirschner's Meat Processing Operation	Augusta, ME	Meat packing	Charterhouse Group Ltd.	1980	N.A.
Lawrey's Foods	CA	Food seasonings	Unilever PLC	19 79	\$66.2 million
Lee Brand, Inc.	Calexico, CA	Fresh fruits, vegetables, wholesale	Dalgety PLC	1988	N.A.
Lipton Company	N.A.	Beverages	Unilever PLC	N.A.	N.A.
Mariah Packing Company	Columbus, IN	Food packing	British Petroleum	1988	N.A.
Modern Maiden Form Products, Inc.	New York, NY	Food processing	Allied Lyons PLC	1982	\$19.5 million
Mott's Apple Products	New York, NY	Apple products	Cadbury-Schweppes	1986	N.A.

14

and the second second

and a start of the second start

ł,

- .a

.

Continued--

2

檜

1.

27

••••••

9.

Company	Location	Economic activity	Investor	Year	Purchase price
Mont La Salle Vineyards	St. Helena, CA	Winery	Grand Metropolitan PLC	1989	\$100 million
Mr. Donut	Minneapolis, MN	Donuts	Allied Lyons PLC	1990	\$27 million
Oshita Produce Company	CA	Fresh fruits, vegetables, wholesale	Dalgety PLC	N.A.	N.A.
Pacific Molasses Co. (PM Ag Products)	San Francisco, CA	Molasses	Tate & Lyle Ltd.	N.A.	N.A.
Pennant Products, Inc.	Rochester, NY	Flour milling	Unilever PLC	1988	N.A.
Philip Brothers Sugar	New York, NY	Sugar refining	Grand Metropolitan PLC	1990	N.A.
Pillsbury Company	Minneapolis, MN	Food processing	Grand Metropolitan PLC	1989	\$5.8 billion
Refined Syrups and Sugars Refinery	New York, NY	Sugar refining	Tate & Lyle Ltd.	197 6	N.A.
RJR's Soft Drinks and Subs	Atlanta, GA	· Beverages	Cadbury-Schweppes Ltd.	1986	\$230 million
R.L. Mathis Certified Dairy Company	Decatur, GA	Dairy products	Masstock, Ltd.	1988	\$1 million
Roy Rogers Restaurants	Hillside, NJ	Restaurants	BAT Industries	1990	\$365 million
Purina Mills	Louisville, KN	Pet foods, food processing	British Petroleum	1986	\$500 million
Ragu Food Company	CN	Food processing	Unilever PLC	1987	N.A.
Red Cheek, Incorporated	PA	Apple products	H.P. Bulmer Holdings	N.A.	N.A.
Robert A. Johnston Ready Crust Division	WI	Pie crusts	United Biscuits Ltd.	1980	\$36 million
Ross Poultry Breeders, Incorporated	Thorton, AL	Poultry breeding	Imperial Group, Ltd.	1980	\$4 million
Sandoz Chemical Corporation	Charlotte, NC	Agricultural chemicals	Sandoz, Ltd.	1988	\$923 million
Santa Fe Driscoll Packers Incorporated	CA	Fruit packing	Daigety Ltd.	1978	N.A.
Schenley Industries, Inc.	New York, NY	Distilled beverages	Guinness PLC	1987	N.A.

ļ

Continued-

2

. .

Approx 2

Сотрапу	Location	Economic activity	U.S. agribusinessConti Investor	Year	Purchase
Seed and Farm Supply, Incorporated		Seed company	Tate & Lyle PLC	1975	price N.A.
Shaw Supermarket PLC	Bridgewater, MA		Sainsburg J.	
Sheed's Food Products, Incorporated	. MI	Vegetable oil products	Unilever PLC	1987 1984	N.A. N.A.
Specialty Brands, Inc.	CA	Food processing	United Biscuits Holdings	1979	\$50 million
Spiegel Foods	Salinas, CA	Fruit and vegetable packing	Dalgety Ltd.	1974	\$11 million
Staley Continental Inc.	R. Meadows, IL	Sugar refineries	Tate and Lyle PLC	1988	\$1.5 billion
Sundance Soft Drink Company	Detroit, Mi	Beverages	Guinness PLC	1989	\$58 million
Sunstar's Consumer Foods Division	Minneapolis, MN	Canned fruits, vegetables	Ranks Hovis McDougal PLC	1989	\$6.8 million
Taco Villa Restaurants	Dallas, TX	Restaurants	Unigate PLC	1007	
Taylor Food Products, Inc.	Compton, CA	Canned fruits, vegetables	Cadbury-Schweppes PLC	1987 1988	N.A. N.A
Tasty Cookie Company	Louisville, KY	Cookies, biscuits	J. Lyons and Company	1974	N.A.
Tetley Tea Company	N.A.	Beverages			
Tio Sancho Foods Company	Prince Frederick, MD	Food	Allied Lyons PLC Unilever PLC	N.A.	N.A.
		processing		1988	N.A.
United Distillers	New York, NY	Distilled beverages	Guinness PLC	1990	N.A.
Jnited Packing	Sanger, CA	Fruit and vegetable packing	Christian Salvesen Ltd.	1986	N.A,
an dan Bergh Foods Corporated	New York, NY	Food processing	Unilever PLC	N.A.	N.A.
MS	Montgomery, AL	Sugar refinery	Tate & Luis Dr. C		
igortone Ag Products	Cedar Rapids, IA	Agricultural chemicals	Tate & Lyle PLC	N.A.	N.A.
			Tate & Lyle PLC	N.A.	N.A.
estern Dairy Products, corporated	San Francisco, CA	Dairy (products	Grand Metropolitan PLC	1981	N.A.
estern Sugar Co.	CA	Sugar refinery	Tate & Lyle PLC	N.A.	N.A.

N.A. ~ Not available.

ALC: N. M. M. M. M.

4

ł

1

; ;

ł

t

Keep Up-To-Date on Agricultural Financial Developments.

Subscribe to the Agricultural Income and Finance Situation and Outlook report and receive timely analysis and forecasts directly from the Economic Research Service. Issues contain analysis of general economic conditions, the farm sector, agricultural lenders, and Federal income taxation for farmers plus selected special articles on a variety of finance topics. Subscription includes four issues. Save money by subscribing for more than 1 year.

Agricultural Income and Finance Situation and Outlook Subscription

1 Year 2 Years 3 Years Rates:\$12.00\$23.00\$33.00	For fastest service, call our order desk toll free, 1-800-999-6779 (8:30-5:00 ET in U.S. and Canada; other areas please call 703-834-0125)
Bill me. Enclosed is \$ Credit Card Orders: VISA Total charges \$	 Use purchase orders, checks drawn on U.S. banks, cashier's checks, or international money orders. Make payable to ERS-NASS. Add 10% for shipment to domestic addresses; 35% for shipment to foreign addresses (includes Canada).
Credit card number:	Expiration date: Month/Year
Name	TO VILLE J BERT
Address	Mail to:
City, State, Zip	ERS-NASS 341 Victory Drive Herndon, VA
	22070

Reports you can use ... from ERS

U.S. Agricultural Trade Update gives you up-to-the-minute information.

Each month the U.S. Agricultural Trade Update brings you ERS' most up-to-the-minute data on the farm trade sector. This useful 6-page update brings you the most current figures, delivered by first-class mail to ensure timely delivery.

The U.S. Agricultural Trade Update covers the monthly farm trade balance, U.S. farm imports and exports by quantity and value, and leading exports and exporters.

A 1-year subscription to the U.S. Agricultural Trade Update costs just \$15. Or save by ordering a 2-year subscription (that's 24 issues) for \$29, or a 3-year subscription for \$42. Please add 10% for shipment to domestic addresses; 35% for shipment to foreign addresses (includes Canada).

Situation and Outlook Agricultural Trade Reports give you the facts . . . and the forecasts!

These reports provide both current intelligence and historical data on international food and agricultural developments. They also forecast how changes in conditions and policies around the world will affect both U.S. and international agriculture.

Outlook for U.S. Agricultural Exports offers the latest value and volume of U.S. farm exports, by commodity and region, as well as the agricultural trade balance, import commodities, and export outlook. Subscription includes 4 issues. Agriculture and Trade reports summarize the year's developments affecting U.S. agriculture and trade in five key regions, and look to the future with articles on market trends, trade, and policy (subscription includes 5 regional reports: USSR, China, Western Europe, Pacific Rim, and Asia.

The cost is just \$12 for a 1-year subscription per title. Or save by ordering a 2-year subscription for \$23, or a 3-year subscription for \$33. Please add 10% for shipment to domestic addresses; 35% for postage to foreign addresses (includes Canada).

Foreign Agricultural Trade of the United States gives you the latest information on U.S. markets.

This periodical updates the quantity and value of U.S. farm exports and imports, plus price trends. Its coverage of over 200 countries and more than 500 commodities will keep you informed of how U.S. trade stacks up in a global market. Subscription includes 6 issues plus calendar and fiscal year supplements.

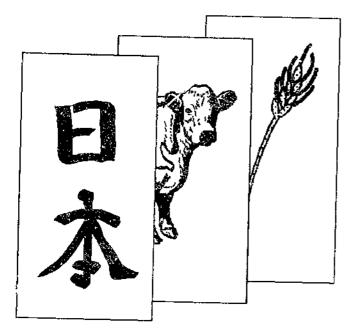
The cost is just \$25 for a 1-year subscription. Or save by ordering a 2-year subscription for \$49, or a 3-year subscription for \$72. Please add 10% for shipment to domestic addresses; 35% for shipment to foreign addresses (includes Canada).

Order now! Rates good through 12/92.

Call our order desk toll free, 1-800-999-6779 in the U.S. and Canada (other areas, please call 703-834-0125). Or write: ERS-NASS, 341 Victory Drive, Herndon, VA 22070.

New from USDA's Economic Research Service CALL-ERS CALL-ERS is a new electronic bulletin board service available free to users of ERS information and data. Use CALL-ERS to: Download timely situation and outlook summaries 0 Download selected situation and outlook tables as electronic ۰ spreadsheets. Download samples of electronic data products. • Stay informed about new reports and data products from ERS. Shop our on-line catalog for periodicals, reports, videos, and data products. CALL-ERS supports 1200 and 2400 baud communications (N,8,1) on CALL-ERS 1-800-821-6229 and 1-202-219-0377. Call from your computer today!

 ∂



The Japanese Presence in V.S. Agriculture

Japanese investment companies have come to the United States since the late 1980's to purchase, among other things, agricultural land and agribusinesses. How much land? How many businesses? This report gives you the answers and puts those answers in perspective.

Japanese investment in U.S. farmland and agribusiness has grown to over \$3 billion, but these holdings represent less than 1 percent of total investment in U.S. agriculture. Japan ranks fourth among the foreign owners of U.S. agricultural land and agribusinesses in terms of value. Investments have been made in cattle ranches and livestock slaughterhouses, citrus groves and other orchards, vineyards, bottled water companies, food processing and beverage companies, bakeries, fisheries, grain storage facilities, restaurants, convenience foodstores, and grocery stores.

International agreements like the 1988 U.S. -Japan Beef and Citrus Understanding have liberalized Japanese imports, presenting both Japanese investors and American growers with opportunities to invest profitably in an expanding market. Foreign direct investment contributes to the growth of employment and income in the host country. (The U.S. Commerce Department defines foreign direct investment as an investment of 10 percent or more in an enterprise.) U.S. policy has generally been to welcome foreign direct investment.

This report determines the types of Japanese investment in U.S. agriculture and agribusiness, puts that investment into perspective in the context of the U.S. economy, determines the reasons for the investment during the late 1980's, and evaluates the impact of this recent phenomenon on the U.S. economy.

The Japanese Presence in U.S. Agriculture. Issued June 1992. 44 pages. Order # FAER 244. \$8

Call our toll-free order desk, **1-800-999-6779** (in the U.S. and Canada; other areas please call 703-834-0125).