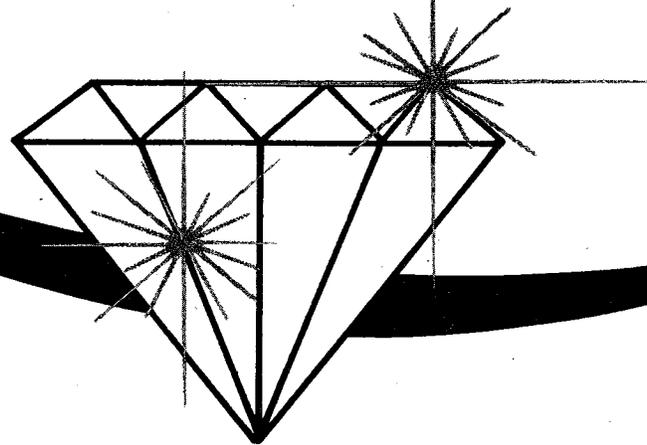


*A Diamond Anniversary 1981*



**BUILDING  
DAIRY CAREERS  
in the  
COLLEGIATE  
DAIRY PRODUCTS  
EVALUATION  
CONTEST**

---

60 Years of Student Judging  
1916-1981

## Foreword

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*"Students from nine agricultural colleges competed in the first butter judging contest held at the National. The Massachusetts Society for the Promotion of Agriculture gave very liberal prizes for winning teams and individuals, and it was largely instrumental in making their contest possible."*

Hoard's Dairyman  
November 10, 1916, p. 554

Sixty-five years later, in Atlanta, November 16, 1981, the Inter-collegiate Dairy Products Judging Contest celebrated its 60th Contest, with 25 teams competing for 35 prizes and trophies.

What a contrast! What an achievement! Between 1916 and 1980 three generations of college students have been trained in the art of evaluating the sensory qualities of butter, milk, cheddar cheese, vanilla ice cream, cottage cheese and strawberry yogurt. Little wonder that America today leads the world in overall taste quality of her chief dairy products.

This booklet commemorates the students, judges, colleges, industry officials and organizations who have participated in 60 years of successful intercollegiate judging from 1916 to 1981.

The emphasis of the booklet is on the years of the sixth decade, from 1972 to 1980, which supplements the history of the first 50 years published in 1972.

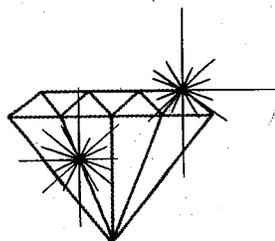
The contest has been enthusiastically co-sponsored by a number of national associations, a team effort which has enhanced its stature and contributed to its success over the years. Their logos identify their participation as a cosponsor of the contest.

G. Malcolm Trout  
*Contest Historian and Professor  
Emeritus, Michigan State  
University*

George W. Weigold  
*Contest Secretary*



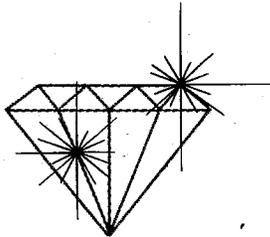
**drinc**<sup>®</sup>  
dairy research inc.



# The Administrative Faculty



One of the early Contest Superintendents, the late C.J. Babcock, left, and Prof. G. Malcolm Trout, chairman of ADSA's contest committee, judged cheese samples at the 1947 competition at Miami Beach.



## The Contest Superintendents

Contest rules have specified that the contest shall be supervised by a member of the U.S. Department of Agriculture. This has been followed virtually to the letter. The succession of superintendents has been as follows: S.C. Thompson, William White, C.J. Babcock, Byron H. Webb, Louis H. Burgwald, Harold E. Meister, and Joseph A. Rubis, the present superintendent. To them go the responsibility of administering the many facets of the contest, making for a successful competition from the opening signal to final awards.

## Contest Secretariat

The contest secretariat has changed in the years 1972-1981. Beatrice Prescott, long-time enthusiast for the contest, retired and was succeeded by George W. Weigold, Dairy Society International, member of the Connecticut judging team, Cleveland, 1934. The staging of the contest rests upon his shoulders. The supervision of securing, storing, delivering and judging of six different dairy products is a demanding task. The necessary correspondence with coaches and the colleges and universities assures all of a well organized program.

## The Official Judges

A continuity of product judges fosters the establishment of sensory standards on which the coaches base their product evaluations. In time, the roster of official judges will change. But, for the most part, the official judges for 1981 were on duty in 1972. The senior official judges are: butter, Bert Aldrich, Roy's Dairy, Inc.; cheddar cheese, Robert Johns, and John Ellingson, Dart-Kraft, Inc.; milk, Ellen Spear, Beatrice Foods Co.; ice cream, Bruce Tharp, Germantown Manufacturing Co.; cottage cheese, Francis Lavicky, Nordica International; strawberry yogurt, David Weddle, Mid-America Dairy, Inc.; and All Products, George Muck, Dean Foods Co. Each senior judge is served by one or more associate judges and two coach judges. The Contest and Fellowship Committee of DFISA monitors the conduct of the students.

Contest officials and judges for the 1980 Contest at Portland, Ore., were, first row, left to right: Vernon Smith, chairman, DFISA contest committee; George Weigold, secretary; Joseph Rubis, superintendent; Roland Golden, assistant superintendent; Bert Taylor, member, DFISA contest committee. Second row: Les Shallenberger, Dreyers Grand Ice Cream Inc.; Roger Browne, Carnation Co.; Ellen Spear, Beatrice Foods Co.; Floyd Harris, Level Valley Dairy Co.; Robert Johns, Kraft Inc.; Kevin O'Rell, Crest Foods; Robert Riber, Stauffer Chemical Co.; Wes Casteel, Stauffer Chemical Co.; Oakley Hayden, Continental Colloids Inc.; Earl Connolly, Fantasy Flavors Inc. Third row: Francis Lavicky, Nordica International; James Shell, Niro Atomizer; Dr. Bruce Tharp, Germantown Manufacturing Co.; John Foley, Penn State University; Bert Aldrich, Roy's Dairy Inc.; Carl Fitzwater, Consolidated Flavor Co.; John Bowers, Borden Inc., Northern Div.; Dr. David Weddle, Mid-America Dairy, Inc.; James Renz, Drumstick Co.; John Ellingson, Kraft Inc.

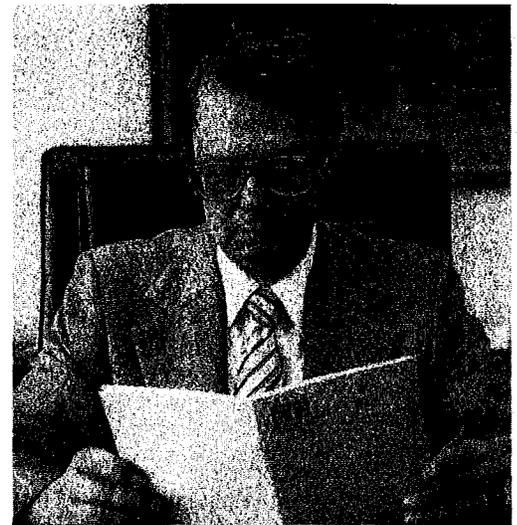


## Industry Participation

The past nine years of dairy products judging has witnessed a marked increase in participation from the industry. The contest takes on greater significance through the active role of industry leaders in each year's contest. Contestants sense their presence and return to their respective universities with an understanding that industry welcomes them as future leaders.

## Sites of the Contests

The contests have been held in conjunction with a dairy convention or Expo. From 1916 through 1929, the contest was associated with the annual National Dairy Show. Since then, affiliation has been with Dairy and Food Industries Supply Association, Inc. and/or the Milk Industry Foundation/International Association of Ice Cream Manufacturers. Their expositions or annual meetings have been held in 26 cities of the United States and Canada (Table 1). Two cities—Atlantic City and Chicago—have been the sites of the contest for 11 and 9 years, respectively, together hosting 39.1 percent of the 1,128 teams entered from 1916–1980.



*Raymond Mykleby, executive vice president of Dairy Research Inc., studied under a dairy industry research fellowship at the University of Minnesota in 1940.*

**Table 1**  
Sites of the Intercollegiate Dairy Products Judging Contests, 1916–1981

Number	City	Year(s)								Number of Times	% of Total Times
1	Atlantic City, N.J.	1931	(16)*	1936	(18)	1940	(21)	1948	(26)	11	18.6
		1950	(26)	1954	(26)	1956	(33)	1962	(28)		
		1966	(19)	1972	(22)	1976	(23)				
		1919	(7)	1920	(5)	1933	(17)	1952	(28)		
2	Chicago, Ill.	1958	(30)	1960	(25)	1964	(22)	1968	(25)	9	15.3
		1979	(24)								
		1926	(13)	1932	(18)	1951	(23)				
3	Detroit, Mich.								3	5.1	
4	St. Louis, Mo.	1929	(15)	1935	(17)	1955	(26)		3	5.1	
5	Cleveland, Ohio	1930**	(17)	1934	(19)	1938	(23)		3	5.1	
6	San Francisco, Calif.	1939	(14)	1957	(21)	1971	(16)		3	5.1	
7	St. Paul, Minn.	1921	(8)	1922	(9)				2	3.4	
8	Memphis, Tenn.	1927	(14)	1928	(15)				2	3.4	
9	New Orleans, La.	1937	(17)	1969	(18)				2	3.4	
10	Miami Beach, Fla.	1947	(19)	1959	(24)				2	3.4	
11	Los Angeles, Calif.	1948	(18)	1967	(22)				2	3.4	
12	Washington, D.C.	1961	(21)	1973	(19)				2	3.4	
13	Dallas, Tex.	1963	(24)	1974	(26)				2	3.4	
14	Montreal, Quebec	1965	(25)	1975	(17)				2	3.4	
15	Springfield, Mass.	1916	(9)						1	1.7	
16	Columbus, Ohio	1917	(3)						1	1.7	
17	Syracuse N.Y.	1923	(7)						1	1.7	
18	Milwaukee, Wis.	1924	(10)						1	1.7	
19	Indianapolis, Ind.	1925	(10)						1	1.7	
20	Toronto, Ontario	1941	(22)						1	1.7	
21	Boston, Mass.	1953	(23)						1	1.7	
22	Houston, Texas	1970	(25)						1	1.7	
23	Denver, Colo.	1977	(20)						1	1.7	
24	Anaheim, Calif.	1978	(23)						1	1.7	
25	Portland, Ore.	1980	(17)						1	1.7	
26	Atlanta, Ga.	1981	(?)						?	?	

\*Numbers within parenthesis (17) represent number of teams participating in that particular year.

\*\*First year contest was sponsored by Dairy and Food Industries Supply Association.

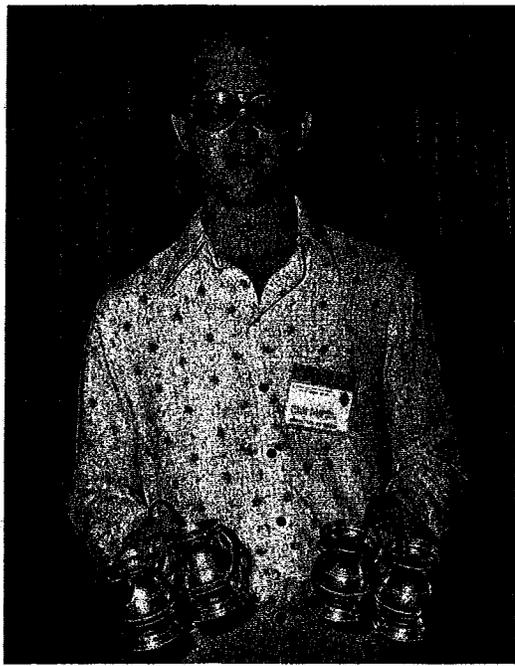
# The Undergraduate Achievements

## Everybody is a Winner

The uniqueness of the Intercollegiate Dairy Products Evaluation Contest is that there are no losers, only winners. Yet, in the American way, recognition is given to those few showing excellence in their work. Regardless of proficiency in judging, the reaction of all contestants, even years afterward, is often that "I wish I could do it all over again." The "loser" always "wins", by gaining knowledge of quality in dairy products; enjoying a special undergraduate experience to be remembered for life; visiting a national exposition; associating with rival students from other universities; seeing new parts of America; sensing the enthusiasm and loyalty of leaders in the dairy industry; fulfilling the ambition to achieve, and testing proficiency in an art in a national competition. Overall participation in the national contest is an unforgettable undergraduate experience—win or lose.

## University Participation

Annual team participation from the various colleges and universities has been relatively high (Fig. 1). The number varies yearly depending on location of the contest. A geographically centered site plus affiliation with Food and Dairy Expo generally yield a large number of team entries. The average number of teams entered annually during the 59-year period was 19; for the last nine years it has been 21. Coincidentally, 59 different colleges and universities have entered teams in the 59 contests held from 1916 to 1980 (Table 2). Eleven universities have entered teams in over 66.6 percent of the 59 contests. Ohio State University ranks first in total team participations, averaging 94.9 percent of the 59 contests. Six universities—Minnesota, Mississippi State, Missouri, Oklahoma State, Oregon State, and South Dakota State—had perfect participation records during the decade 1972–1980. Three schools—Iowa State, Ohio State, and Pennsylvania State—missed perfect attendance by only one entry each.



More cups than he can handle proved no problem for Wes Alexander of Kansas State. He won two first-place honors in the individual cheddar cheese and cottage cheese competitions at the 1978 competition at Anaheim. It was the second occasion of a dual win by a student in contest history.

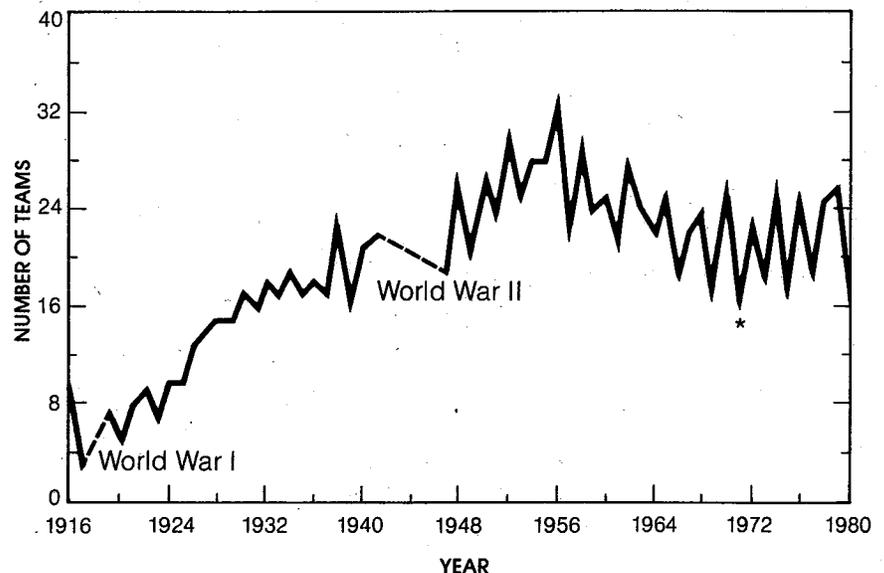
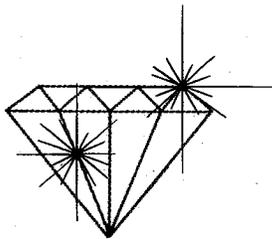


Figure 1  
Growth of the Intercollegiate Dairy Products Evaluation Contest, 1916–1980.

**Table 2**  
**Teams participating in 59 Intercollegiate Dairy Products**  
**Evaluation Contests, 1916-1980\***

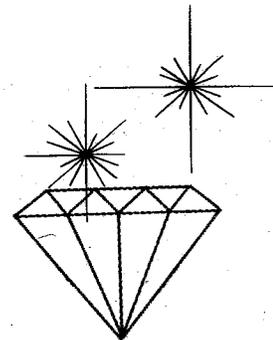
University	Number of Times Entered			
	1916-1971	1972-1980	Total Number	%**
Alabama A and M	—	1	1	1.7
Alberta (Canada)	—	3	3	5.1
Alfred State College (NY)	—	2	2	3.4
Arizona	1	—	1	1.7
Arkansas	6	4	10	16.9
Auburn (AL)	3	2	5	8.5
Brigham Young (UT)	1	2	3	5.1
California (Davis)	6	—	6	10.2
California (Fresno)	3	1	4	6.8
California Polytechnic	12	4	16	27.1
Canton Agri. and Tech. College (NY)	—	3	3	5.1
Clemson	14	6	20	33.9
Colorado State	6	—	6	10.2
Connecticut	40	—	40	67.8
Cornell	27	4	31	52.5
Delaware	—	5	5	8.5
Florida State	2	—	2	3.4
Georgia	22	7	29	49.2
Guelph (Canada)	9	—	9	15.3
Idaho	3	—	3	5.1
Illinois	31	5	36	61.0
Iowa State	44	8	52	88.1
Kansas State	39	6	45	76.3
Kentucky	9	1	10	16.9
Louisiana State	6	—	6	10.2
Maryland	18	—	18	30.5
Massachusetts	32	—	32	54.2
Michigan State	39	7	46	78.0
Minnesota	37	9	46	78.0
Mississippi State	40	9	49	83.1
Missouri	15	9	24	40.7
Moraine Park Tech. Inst.	—	4	4	6.8
Nebraska	44	3	47	79.7
New Hampshire	11	—	11	18.6
New Mexico	3	—	3	5.1
North Carolina State	15	—	15	25.4
North Carolina Agri. and Tech.	—	2	2	3.4
Northwest Missouri State	—	2	2	3.4
Ohio State	48	8	56	94.9
Oklahoma State	29	9	38	64.4
Oregon State	13	9	22	37.3
Pennsylvania State	33	8	41	69.5
Purdue (IN)	31	—	31	52.5
Quebec (Canada)	1	—	1	1.7
Rhode Island	4	1	5	8.5
Rutgers (NJ)	6	5	11	18.6
South Dakota State	35	9	44	74.6
Tennessee	29	6	35	59.3
Tennessee State	—	1	1	1.7
Texas A and M	12	—	12	20.3
Texas Tech.	29	1	30	50.8
Tuskegee Institute (AL)	1	3	4	6.8
Utah State	9	2	11	18.6
Vermont	11	—	11	18.6
Virginia Poly Institute	17	—	17	28.8
Washington State	15	1	16	27.1
West Virginia	33	7	40	67.8
Wisconsin	29	7	36	61.0
Wyoming	9	3	12	20.3
<b>Total</b>	<b>932</b>	<b>190</b>	<b>1122</b>	

\*No contest: World War I, 1918; and World War II, 1942-1946.

\*\*Percentage participation in all 59 contests held 1916-1980.

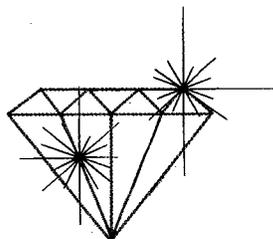


*Time marched on at a triple pace for Ron Eitenmiller of the University of Illinois, who won not one but three gold watches at the 1965 contest at Montreal. He took first place in the individual judging of cheese, butter and All Products, the latter earning for him the \$100 Robert Rosenbaum cash award.*

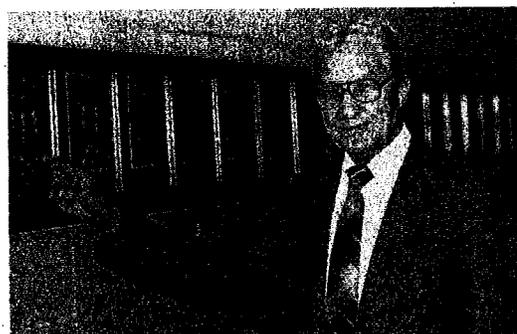


## Coach of the Year

In the latter years of the contest, special recognition has been accorded the coach of the team ranking first in judging All Products. This gesture is most appropriate and well received. The award reflects devotion to the project, competitive spirit, superb coaching, and a "thank you" for a job well done. The bestowing of the Coach-of-the-Year Award at the close of the awards program is heart warming for the audience and an emotional experience for team members. Those receiving this coveted recognition, 1972–1980, are listed in Table 3.



South Dakota State Coach Shirley Seas, right, walked off with four coaching honors in 1974, 1976, 1978 and 1979. Superintendent Joe Rubis presented the 1978 Award at Anaheim.



Dr. Elmer Thomas retired in 1981 after coaching every University of Minnesota judging team from 1949 to 1980 (except for two years while on sabbatical leave). His teams, pictured above, never finished out of the top ten, winning first place in All Products twice and in individual competition nearly every year.

Table 3

Coach of the year, 1972–1980\*

Year	Name	University
1972	Joseph Tobias Vernon Porter	Illinois
1973	Robert T. Marshall Dean S. Shelley	Missouri
1974	Shirley W. Seas	South Dakota State
1975	T. Kristoffersen	Ohio State
1976	Shirley W. Seas	South Dakota State
1977	Joseph Tobias	Illinois
1978	Shirley W. Seas	South Dakota State
1979	Shirley W. Seas	South Dakota State
1980	T. Kristoffersen	Ohio State
1981	?	?

\*This recognition usually is bestowed upon the coach(es) of the winning All Products team for that year.

## Team Standings

Those teams ranking highest in the judging from 1916–1980 are presented in Table 4. Only 11 of 59 teams participating have placed first in the All Products category. Teams from Ohio State and Iowa State have dominated the field, finishing first 42.1 percent of the time. Teams from Illinois, South Dakota State and Mississippi State have also done a most creditable job in the national competition.

For the past nine years from 1972–1980 a change was made in the teams ranking first in judging All Products (Table 5). The table shows the "batting averages" of the first-place teams and individuals. Thus, Illinois (31 entries) is tied with Ohio State (56 entries), winning 25 percent of the years entered. In the table, Ohio State is listed ahead of Illinois because it has entered more competitions, 56 vs. 36. Note also that teams from South Dakota State, coached by Professor Shirley Seas, have won four All Products firsts in the nine-year period, 1972–1980, equalling the number of its team wins in 31 previous contests, 1916–1971.

Table 4

TEAMS winning first place in the 59 Intercollegiate Dairy Products Evaluation Contests from 1916-1980\*  
(Due to World Wars I and II, no contests were held in 1918, 1942-1946).

## All Products (1919)\*

University	Year	Number	Percent
Ohio State	1920 1921 1922 1929 1933 1934 1936 1937	14	24.6
Iowa State	1924 1925 1926 1927 1928 1931 1939 1940	10	17.5
Illinois	1956 1959 1960 1961 1962 1965 1972 1977	8	14.0
South Dakota State	1919 1966 1968 1969 1974 1976 1978 1979	8	14.0
Mississippi State	1932 1935 1949 1951 1955 1971	6	10.5
Connecticut	1947 1957 1967 1970	4	7.0
Kansas State	1930 1954	2	3.5
Minnesota	1958 1963	2	3.5
Pennsylvania State	1923	1	1.8
Cornell (NY)	1938	1	1.8
Missouri	1973	1	1.8
Total		57	100.0

## Butter (1916)

South Dakota State	1917 1920 1922 1925 1933 1968 1970 1971 1973	16	27.1
Iowa State	1919 1924 1927 1928 1936 1938 1939 1948	11	18.6
Minnesota	1934 1940 1949 1958 1964 1967	6	10.2
Illinois	1959 1962 1963 1965 1969 1972	6	10.2
Ohio State	1921 1953 1956 1966	4	6.8
Connecticut	1941 1947 1957	3	5.1
Mississippi State	1930 1931	2	3.4
Pennsylvania State	1916 1923	2	3.4
Oregon State	1926 1929	2	3.4
Tennessee	1935 1955	2	3.4
Purdue (IN)	1932	1	1.7
Nebraska	1937	1	1.7
Cornell (NY)	1952	1	1.7
Kansas State	1960	1	1.7
Oklahoma State	1961	1	1.7
Total		59	100.1

## Cheddar Cheese (1917)

Ohio State	1919 1920 1921 1922 1923 1929 1952 1973	8	13.8
Iowa State	1925 1934 1950 1951 1955 1956	6	10.3
Minnesota	1937 1958 1963 1967 1977	5	8.6
Illinois	1959 1960 1965 1969 1972	5	8.6
Michigan State	1931 1932 1941 1948	4	6.9
Mississippi State	1935 1940 1947 1949	4	6.9
Connecticut	1961 1964 1966 1971	4	6.9
Wisconsin	1933 1939 1976 1980	4	6.9
Tennessee	1927 1936 1954	3	5.2
Missouri	1970 1975 1979	3	5.2
Cornell (NY)	1938 1953	2	3.4
Kansas State	1930 1957	2	3.4
West Virginia	1928 1962	2	3.4
South Dakota State	1926 1978	2	3.4
Nebraska	1917	1	1.7
Purdue (IN)	1924	1	1.7
Utah	1968	1	1.7
Oregon State	1974	1	1.7
Total		58	99.6

## Milk (1917)

Ohio State	1920 1921 1923 1929 1936 1938 1941 1953	10	17.2
South Dakota State	1917 1919 1928 1937 1975 1976	6	10.3
Iowa State	1926 1931 1939 1940 1948	5	8.6
Connecticut	1947 1950 1955 1965 1970	5	8.6

(continued on page 8)

Table 4 (continued)

University	Year				Number	Percent
Minnesota	1958	1960	1966	1971	4	6.9
West Virginia	1925	1930	1961		3	5.2
Illinois	1933	1963	1974		3	5.2
Massachusetts	1922	1924			2	3.4
Kansas State	1927	1949			2	3.4
Mississippi State	1934	1951			2	3.4
North Carolina State	1952	1954			2	3.4
Tennessee	1935	1968			2	3.4
Oklahoma State	1962	1969			2	3.4
Cal. Polytechnic	1959	1978			2	3.4
Missouri	1973	1979			2	3.4
Purdue (IN)	1932				1	1.7
Wisconsin	1956				1	1.7
Nebraska	1957				1	1.7
Georgia	1977				1	1.7
Oregon State	1980				1	1.7
Pennsylvania State	1972T				1/2	0.9
Clemson (SC)	1972T				1/2	0.9
Total					58	99.6

## Ice Cream (1926)

Iowa State	1926	1929	1939	1947	1949	1965	1979	7	14.0
Ohio State	1928	1934	1937	1953	1957	1975	1978	7	14.0
Illinois	1930	1969	1972	1973	1974	1977		6	12.0
Massachusetts	1927	1933	1952					3	6.0
Cornell (NY)	1936	1938	1951					3	6.0
Connecticut	1940	1941	1960					3	6.0
South Dakota State	1955	1964	1970					3	6.0
Mississippi State	1932	1950	1971					3	6.0
Cal. Polytechnic	1958	1968	1980					3	6.0
Michigan State	1961	1963						2	4.0
Tennessee	1948	1966						2	4.0
Vermont	1931							1	2.0
Nebraska	1935							1	2.0
Kansas State	1954							1	2.0
Maryland	1956							1	2.0
Minnesota	1959							1	2.0
West Virginia	1962							1	2.0
Kentucky	1967							1	2.0
Oregon State	1976							1	2.0
Total								50	100.0

## Cottage Cheese (1962)

South Dakota State	1966	1976	1977					3	15.8
Ohio State	1968	1975	1980					3	15.8
Connecticut	1963	1970						2	10.5
Missouri	1965	1972						2	10.5
Nebraska	1967	1974						2	10.5
Mississippi State	1971	1973						2	10.5
Wisconsin	1962							1	5.3
Iowa State	1964							1	5.3
Kansas State	1969							1	5.3
Minnesota	1978							1	5.3
Oklahoma State	1979							1	5.3
Total								19	100.1

## Yogurt (1977)

Missouri	1978	1979	1980					3	75.0
Michigan State	1977							1	25.0
Total								4	100.0

\*Butter was the only product scored in the first contest, Springfield, 1916. Milk and Cheddar Cheese were introduced, Columbus, 1917, but there were no All Products ratings until Chicago, 1919. Ice Cream was added, Detroit, 1926. Cottage Cheese was included, Atlantic City, 1962, but results were not considered in All Products ratings until Dallas, 1963. Yogurt was first judged, Denver, 1977.

Table 5

"Batting averages" of the universities having first-place winning TEAMS and/or INDIVIDUALS in the 59 Intercollegiate Dairy Products Evaluation contests, 1916-1980.

## ALL PRODUCTS

## Teams

University	1916-1971			1972-1980			Grand Total		
	Years*	Number**	%	Years*	Number**	%	Years	Number	%
Ohio State	48	12	25.0	8	2	25.0	56	14	25.0
Illinois	31	6	19.4	5	2	40.0	36	8	25.0
Iowa State	44	10	22.7	8	—	—	52	10	19.2
South Dakota State	35	4	11.4	9	4	44.4	44	8	18.2
Mississippi State	40	6	15.0	9	—	—	49	6	12.2
Connecticut	40	4	10.0	—	—	—	40	4	10.0
Kansas State	39	2	5.1	6	—	—	45	2	4.4
Minnesota	37	2	5.4	9	—	—	46	2	4.3
Missouri	15	1	6.7	9	1	11.1	24	1	4.2
Cornell (NY)	27	1	3.7	4	1	25.0	28	1	3.6
Pennsylvania State	33	1	3.0	8	—	—	41	1	2.4
									57*

## Individuals

University	1916-1971			1972-1980			Grand Total		
	Years*	Number**	%	Years*	Number**	%	Years	Number	%
Illinois	31	7	22.6	5	2	40.0	36	9	25.0
Ohio State	48	11	22.9	8	2	25.0	56	13	23.2
Iowa State	44	8	13.6	8	—	—	52	8	15.4
Minnesota	37	3	8.1	9	2	22.2	46	5	10.9
Mississippi State	40	4	10.0	9	1	11.1	49	5	10.2
Arkansas	6	1	16.7	4	—	—	10	1	10.0
Utah State	9	1	11.1	2	—	—	11	1	9.1
Connecticut	40	3	7.5	—	—	—	40	3	7.5
South Dakota State	35	2	5.7	9	1	11.1	44	3	6.8
Pennsylvania State	33	2	6.1	8	—	—	41	2	4.9
Michigan State	39	2	5.1	7	—	—	46	2	4.3
Missouri	15	—	—	9	1	11.1	24	1	4.2
Cornell (NY)	27	1	3.7	4	—	—	31	1	3.2
Massachusetts	32	1	3.1	—	—	—	32	1	3.1
Oklahoma State	29	1	3.4	9	—	—	38	1	2.6
Nebraska	44	1	2.3	3	—	—	48	1	2.1

57

\*Number of Years Entered

\*\*Number of First-Place Finishes

## Teams and Individuals

University	Years***	Total No.	%
Ohio State	56	27	48.2
Illinois	36	17	47.2
Iowa State	52	18	34.6
South Dakota State	44	11	25.0
Mississippi State	49	11	22.4
Connecticut	40	7	17.5
Minnesota	46	7	15.2
Arkansas	10	1	10.0
Utah State	11	1	9.1
Missouri	24	2	8.3
Pennsylvania State	41	3	7.3
Cornell (NY)	31	2	6.5
Kansas State	45	2	4.4
Michigan State	46	2	4.3
Massachusetts	32	1	3.1
Nebraska	47	1	3.1
Oklahoma State	38	1	2.6

114

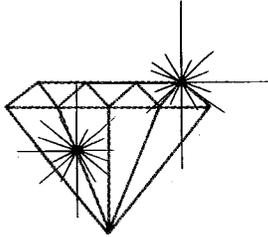
\*No All Products ranking in 1916 and 1917

\*\*\*Number of Years Entered

# Cream of the Crop

## Team Winners

Teamwork produces a champion in all walks of collegiate life. In scholastic achievement, the arts, athletics, science and the professions, excellence is accomplished through instruction, training, skill, hard work and loyalty. The teams which have excelled in 60 years of collegiate judging exemplify these traits. They have brought credit to themselves, their coaches, universities and a great industry in which they seek their careers.



*South Dakota State won its eighth successive team butter trophy in 1980. Coach Shirley Seas, second from left, accepted the honor with team members, from left, Jeff Spomer, Scott Nelson, Joe Van Treeck, and Terry Anderson. Floyd Harris presented the trophy on behalf of National Butter Institute.*

**Butter.** South Dakota State teams have compiled a remarkable record in judging butter, ranking first 16 times in 59 years of the contest for a 27.1 percent score (Table 4, see page 7-8). Based on the number of years in the competition (44), South Dakota State ranked first in butter 36.4 percent of the time, an impressive achievement.

Most astounding, however, is the South Dakota State team record during the sixth decade, 1972-1980, when Shirley Seas' teams won first place in butter judging eight consecutive years in the nine-year period, 1972-1980, for a 88.9 percent ranking. They missed a perfect record by placing second to Illinois in butter judging in 1972. What an achievement! Fifteen universities have ranked first in butter judging during 59 years of competi-



*Iowa State won its seventh team ice cream cup in 1979. Coach Verner Nielsen holds the trophy with team members Sarah Brown, left, and Marlo Wilkins. James Thompson presented the trophy on behalf of the International Association of Ice Cream Manufacturers. Sharing the lead with Iowa State for ice cream honors is Ohio State, with seven wins. In addition to ice cream, Iowa State students have predominated in butter, taking top individual honors 10 times between 1921-57.*



*The distaff team from Oregon State won the first team trophy in the school's history in ice cream at the 1976 competition at Atlantic City. Donna Reneau holds the team cup with teammates, from left, Cherie Stevens, Marilyn Pankratz, and Carol Fish. Sharing in the honor is Prof. Floyd Bodyfelt, team coach, rear, right. James Thompson, right, of the International Association of Ice Cream Manufacturers, made the presentations. Bill Menz of DRINC Inc. participated in the ceremony.*

tion. Teams from Iowa State also gave excellent accounts of themselves in butter judging, winning first place 11 times in 59 contest years, for a 18.6 percent rating.

**Cheddar cheese.** Eighteen different teams ranked first in cheddar cheese judging during 58 years of competition. Ohio State predominated with eight firsts for a 13.8 percent ranking, followed by Iowa State, Minnesota and Illinois with six, five, and five wins, respectively. During nine contests of the decade from 1972–1980, teams from Missouri and Wisconsin each placed first twice.

**Milk.** Over the 58 years of milk judging, teams from Ohio State prevailed, winning first place 10 times for a 17.2 percent score. Twenty-two different schools have placed first in the period 1917–1980. During nine years of the current decade, six schools have placed first, South Dakota State and Missouri taking the top honor two times each.

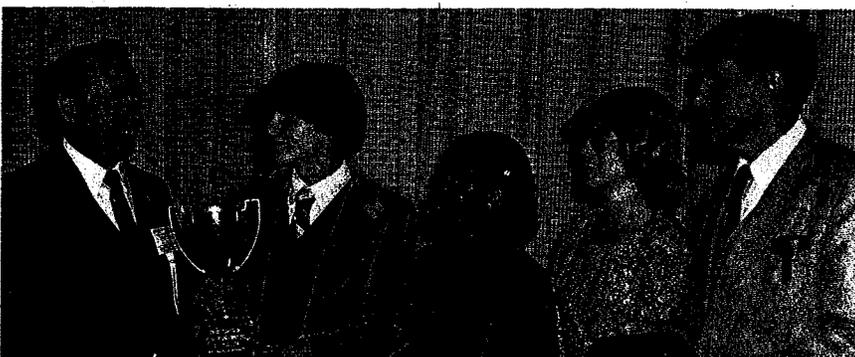
**Ice cream.** Teams from 19 colleges have placed first in 50 years of ice cream judging. Over the years, Iowa State, Ohio State and Illinois have predominated with seven, seven and six firsts, respectively.

**Cottage cheese.** This product was added to the contest in 1962. Teams from Ohio State and South Dakota State have ranked first in cottage cheese three times each, totaling 31.6 percent. Teams from 11 universities have placed first.

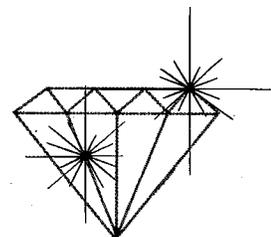
**Yogurt.** Strawberry yogurt was first introduced to the intercollegiate judging competition in 1978. Teams from the University of Missouri won the first three of the four contests for a 75 percent average.



Canada has been a welcome partner in the contest. The late John Jackson, above, president of the National Dairy Council of Canada, addressed the 1975 awards breakfast at Montreal. Jackson was a member of the Iowa State team in the 1940s.



Ohio State won its 14th All Products team trophy, dating to its first one in 1920. It marked the most wins for one school. Participating in the ceremony at the 1980 contest was DFISA President Art Nesbitt, left, and team members Jeff Nichols, Ingrid Harmon, Cheryl Caplinger, and Prof. T. Kristofferson.



Illinois scored a triple triumph in the 1972 contest at Atlantic City. Its students won first place in the All Products team competition; Jane Linn, second from left, copped top honors in the individual All Products competition; and Prof. Joe Tobias took coach-of-year honors. Pictured, from left, are Connie Sadwater, Linn, Herb Norton, Tobias, and Cindy Flenniken.



University of Alberta, one of three Canadian teams to compete over the years, won second place in the yogurt competition in 1978. Superintendent Joe Rubis, left, presented the award to Prof. Pavel Jelen and his team. The other Canadian teams which have been contest participants over the years were the University of Guelph and the Quebec Institute.



*A student samples a 68-pound cube of butter with a stainless steel trier at the 1978 contest. With a growing interest in food science, women comprise a greater percentage of contest participants.*

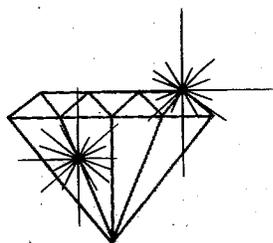
## Individual Winners

**All Products.** A close relationship exists between the teams and the individuals winning first place in the judging of the six products and All Products. Often the individual winning first place may not be a member of the team winning first and vice versa. Nonetheless, teams taking the top honor usually have one or more of the top individuals on the team. In 57 contests, Ohio State has produced a first-ranking judge of All Products 13 times or 22.8 percent of the time (Table 6). Illinois is second and Iowa State third, with nine and eight individual winners, respectively. Sixteen schools have trained leading all products winners. Not all schools, however, have entered teams in the contests as often as Ohio State, which has participated in 56. The three schools with first ranking teams in All Products were also leaders with top ranking individuals. These were Ohio State, Iowa State and Illinois, participating in 56, 52, and 36 contests, respectively.

**Butter.** Iowa State and South Dakota State each have produced 10 first-place winners in the individual butter competition. Sixteen schools have been so honored. Six schools—Iowa State, South Dakota State, Minnesota, Oregon State, Illinois, and Mississippi State—have accounted for 43 individual winners in 59 butter judging contests for a 72.9 percent rating.



*Students study the quality of 40 pound blocks of cheddar cheese at the 1979 contest at Chicago.*



**Cheddar cheese.** Individuals from Mississippi State outrank Ohio State's by one year in evaluating Cheddar cheese, winning seven and six first places, respectively. Individuals from 24 different schools have finished first one or more times in 58 years of Cheddar cheese judging.

**Milk.** Individuals from Ohio State teams have placed first 12 times in 58 years of milk judging for a 20.7 percent standing. Three schools—Iowa State, University of Illinois, and South Dakota State—each have had five first-place winners. In all, 22 colleges have had winning individuals one or more times in 58 years of milk judging.

**Ice Cream.** Ice Cream was introduced to competitive judging at Detroit in 1926. In 50 contests, 24 schools have yielded first-place winners. Three schools—Iowa State, Mississippi State and Michigan State—tie at four each for the top ranking in ice cream. Five other schools each have had winning individuals three times, four schools have each won twice, and 11 schools have each had one first-place winner in ice cream.

**Cottage cheese.** A relative newcomer in contestant judging, cottage cheese was introduced in 1962. Individuals from three schools—Nebraska, Mississippi State, and Minnesota—tie at three each in proficiency at judging cottage cheese. Three other schools—Iowa State, South Dakota State, and Kansas State—each have had ranking individuals twice. In 19 years of competition, individuals from 10 schools have placed first one or more times in cottage cheese.

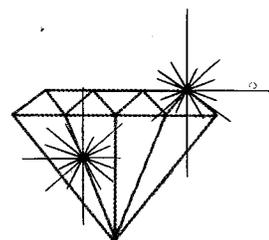
**Yogurt.** In four years of judging strawberry yogurt, individuals from four different universities have captured first place. Individuals from Michigan State led off in 1977, followed by Wisconsin, Ohio State and Missouri in 1978, 1979 and 1980, respectively.



*The body and texture of strawberry yogurt is examined by a 1978 contestant. Yogurt, the newest product category, was added in 1977.*



*Detecting off-flavor in milk can be a perplexing task, as these students discover at the 1976 contest at Atlantic City. Almost any off-flavor in feeds creates an objectionable flavor in milk.*



*Some students stand on their heads to study the body of cottage cheese, at Anaheim in 1978. Midwest teams have predominated in individual cottage cheese judging over the years.*



*Body, texture and flavor are the critical factors in judging ice cream. Maintaining uniform temperature in the cabinets is vital to quality control.*

**Table 6**  
**University having highest INDIVIDUAL contestant in the 59 Intercollegiate Dairy**  
**Products Evaluation Contests from 1916-1980.\***

University	All Products (1919)								Number	Percent
	Year									
Ohio State	1920	1921	1922	1929	1936	1937	1941	1952	13	22.8
		1953	1961	1964	1975	1980				
Illinois	1930	1933	1956	1959	1960	1963	1965	1972	9	15.8
		1977								
Iowa State	1924	1926	1931	1939	1947	1949	1950	1951	8	14.0
Mississippi State	1932	1938	1955	1971	1979				5	8.8
Minnesota	1940	1954	1958	1976	1978				5	8.8
Connecticut	1957	1967	1970						3	5.3
South Dakota State	1919	1966	1974						3	5.3
Pennsylvania State	1923	1925							2	3.5
Michigan State	1948	1962							2	3.5
Massachusetts	1927								1	1.8
Nebraska	1928								1	1.8
Arkansas	1934								1	1.8
Cornell (NY)	1935								1	1.8
Utah State	1968								1	1.8
Oklahoma State	1969								1	1.8
Missouri	1973								1	1.8
<b>Total</b>								<b>57</b>	<b>99.8</b>	
<b>Butter (1916)</b>										
Iowa State	1921	1924	1925	1931	1936	1938	1939	1948	10	16.9
		1952	1957							
South Dakota State	1917	1933	1934	1958	1964	1968	1970	1971	10	16.9
		1974	1977							
Minnesota	1940	1949	1956	1959	1967	1972	1978		7	11.9
Oregon State	1922	1926	1927	1929	1975	1980			6	10.2
Illinois	1961	1962	1963	1965	1969				5	8.5
Mississippi State	1928	1930	1955	1960	1976				5	8.5
Pennsylvania State	1916	1923							2	3.4
Maryland	1919	1920							2	3.4
Tennessee	1935	1950							2	3.4
Connecticut	1941	1947							2	3.4
Michigan State	1951	1954							2	3.4
Ohio State	1953	1966							2	3.4
Purdue	1932								1	1.7
Kansas State	1937								1	1.7
Oklahoma State	1973								1	1.7
Kentucky	1979								1	1.7
<b>Total</b>								<b>59</b>	<b>100.1</b>	
<b>Cheddar Cheese (1917)</b>										
Mississippi State	1938	1940	1947	1949	1950	1963	1968		7	12.1
Ohio State	1921	1922	1929	1935	1952	1973			6	10.3
Minnesota	1965	1966	1967	1976	1977				5	8.6
Kansas State	1930	1954	1956	1978					4	6.9
Nebraska	1917	1932	1933						3	5.2
Iowa State	1925	1927	1951						3	5.2
Connecticut	1961	1964	1971						3	5.2
Wisconsin	1937	1962	1980						3	5.2
Missouri	1970	1975	1979						3	5.2
Maryland	1919	1920							2	3.4
Pennsylvania State	1923	1948							2	3.4
Michigan State	1931	1941							2	3.4
Tennessee	1936	1939							2	3.4
Washington State	1958	1969							2	3.4
Illinois	1960	1972							2	3.4
Purdue	1924								1	1.7
South Dakota State	1926								1	1.7
West Virginia	1928								1	1.7
Arkansas	1934								1	1.7
Cornell (NY)	1953								1	1.7
Georgia	1955								1	1.7
Fresno State (Calif.)	1957								1	1.7
Cal. Polytechnic	1959								1	1.7
Oregon State	1974								1	1.7
<b>Total</b>								<b>58</b>	<b>99.6</b>	

**Milk (1917)**

Ohio State	1917	1923	1925	1926	1929	1935	1936	1941		
		1953	1963	1964	1967				12	20.7
Iowa State	1920	1924	1928	1939	1940				5	8.6
Illinois	1933	1938	1960	1974	1976				5	8.6
South Dakota State	1919	1937	1969	1975	1979				5	8.6
Michigan State	1947	1951	1958	1959					4	6.9
Pennsylvania State	1948	1952	1955						3	5.2
Minnesota	1965	1971	1980						3	5.2
Arkansas	1921	1934							2	3.4
Massachusetts	1922	1927							2	3.4
Kansas State	1949	1957							2	3.4
Connecticut	1950	1961							2	3.4
Rhode Island	1966	1970							2	3.4
Georgia	1977	1978							2	3.4
West Virginia	1930								1	1.7
Vermont	1931								1	1.7
Purdue	1932								1	1.7
North Carolina State	1954								1	1.7
Wisconsin	1956								1	1.7
Cornell (NY)	1962								1	1.7
Tennessee	1968								1	1.7
Oklahoma State	1972								1	1.7
Missouri	1973								1	1.7
									<b>Total</b>	<b>58</b>
										<b>99.5</b>

**Ice Cream (1926)**

Iowa State	1939	1947	1948	1959					4	8.0
Mississippi State	1938	1950	1964	1968					4	8.0
Michigan State	1931	1933	1963	1979					4	8.0
Ohio State	1937	1955	1973	1975					4	8.0
South Dakota State	1926	1966	1970						3	6.0
Connecticut	1941	1949	1971						3	6.0
Cornell (NY)	1932	1935	1936						3	6.0
Illinois	1934	1960	1974						3	6.0
West Virginia	1961	1962	1977						3	6.0
Massachusetts	1927	1928							2	4.0
Minnesota	1940	1952							2	4.0
Kansas State	1953	1980							2	4.0
Texas Tech.	1954	1965							2	4.0
Purdue	1929								1	2.0
Guelph (Canada)	1930								1	2.0
Texas A & M	1951								1	2.0
Maryland	1956								1	2.0
Washington State	1957								1	2.0
Cal. Polytechnic	1958								1	2.0
Kentucky	1967								1	2.0
Louisiana State	1969								1	2.0
Pennsylvania State	1972								1	2.0
Oregon State	1976								1	2.0
Moraine Park	1978								1	2.0
									<b>Total</b>	<b>50</b>
										<b>100.0</b>

**Cottage Cheese (1962)**

Nebraska	1967	1969	1974						3	15.8
Mississippi State	1971	1973	1976						3	15.8
Minnesota	1975	1977	1980						3	15.8
Iowa State	1963	1964							2	10.5
South Dakota State	1966	1979							2	10.5
Kansas State	1972	1978							2	10.5
Wisconsin	1962								1	5.3
Illinois	1965								1	5.3
Ohio State	1968								1	5.3
Washington State	1969								1	5.3
									<b>Total</b>	<b>19</b>
										<b>100.1</b>

**Yogurt (1977)**

Michigan State	1977								1	25.0
Wisconsin	1978								1	25.0
Ohio State	1979								1	25.0
Missouri	1980								1	25.0
									<b>Total</b>	<b>4</b>
										<b>100.0</b>

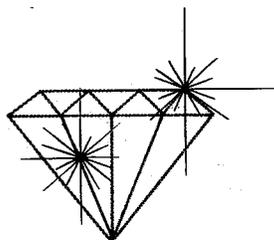
## Epilogue

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The Second Contest at Columbus in 1917 was a near failure with only three teams entered, two from outstate—Nebraska and South Dakota State.

"The students' judging contest for dairy products was carried on under adverse conditions this year . . . It cost more money to run our contest than to run the cattle judging contest . . . It would seem that the judging of dairy products deserves pretty nearly as good a place as the judging of cattle, and we can get it; but the attitude is not towards it; and we will have to create this attitude. . . . When we find a high grade of butter, score it, discuss it and carry back to our institutions the ideas and standards that we will have to meet in our production. . . . I believe manufacturers will put up a manufacturer's scholarship. Possibly a group of manufacturers or interested men, may be persuaded to contribute a small amount each for its support."

Prof. W.P.B. Lockwood  
*Journal of Dairy Science*  
1917, P. 425-427



Contest Secretariat  
**Dairy and Food Industries Supply Association**  
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