

CONSERVATION

AWARDS

BANQUET

THURSDAY, DECEMBER 13, 1979

6:30 P.M.

DES MOINES HILTON INN

DES MOINES, IOWA

THURSDAY, DECEMBER 13, 1979

CONSERVATION AWARDS BANQUET Ballroom

MASTER OF CEREMONIES

Charles McLaughlin, President
Iowa Association of Soil Conservation District Commissioners (IASCDC)
Britt

INVOCATION

Walter Hagen, Member
State Soil Conservation Committee (SSCC)
Monona

ADDRESS

"Environmental Crisis Down on the Farm" by
James Risser, Chief
Washington Bureau
Des Moines Register and Tribune
Washington, D.C.

PRESENTATION OF AWARDS

Lawrence G. Vance, Director
Iowa Department of Soil Conservation
Des Moines

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Des Moines

OUTSTANDING COMMISSIONER AWARDS

Charles McLaughlin
and
Monte Sesker, Editor *Wallaces Farmer*
Des Moines

THE KEN WAGNER AWARD

Mrs. Ruth Wagner
Iowa City

NACD-ALLIS-CHALMERS AWARDS

Harry Scurr, Co-Chairman
Education Committee, IASDCD
Gilman

LIFETIME HONORARY MEMBERSHIPS, IASDCD

Clifford Stille, Vice President
IASCDC
Macedonia

DEPARTMENT OF SOIL CONSERVATION AWARDS

Carroll Hobson, Chairman
SSCC
Eldora

WATERSHED ACHIEVEMENT AWARD

Elmer Brandt, Region 2 Director
IASCDC
Clarion

WOODLAND OWNER-OF-THE-YEAR

Gene Hertel, State Forester
Iowa Conservation Commission
Des Moines

IZAACK WALTON LEAGUE WINDBREAK AWARD

Les Licklider
Izaak Walton League
Polk City

OUTSTANDING SOIL CONSERVATION DISTRICT COMMISSIONERS

This recognition program is conducted annually by the Iowa Association of Soil Conservation District Commissioners (IASCDC) and *Wallaces Farmer*, Des Moines. A total of nine outstanding commissioners -- one from each of the IASDCD regions -- and a state winner are selected.

The following commissioners are the 1979 regional winners:

REGION 1—JOHN SCHNEPF, Plymouth County Soil Conservation District, Le Mars. Mr. Schnepf has been a commissioner in the Plymouth District for eight years during which time he has served as Treasurer and Vice Chairman. He is currently serving as Chairman of the district governing body.

As a Plymouth District commissioner, he serves as the district's representative for the Little Sioux Watershed and is assistant contracting officer for the Held Watershed. In addition, he promotes conservation tillage and assists with the district's fair booth.

Mr. Schnepf served as a member of the temporary Plymouth County Land Preservation Policy Commission and is a member of the Extension Council, County Fair Board, Pork Producers, Cattlemen Producers, Farm Bureau, and Farm Safety Committee. He is also a former 4-H leader and swine project leader.

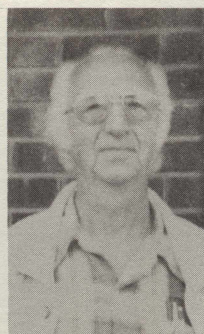
He operates a 515-acre grain and livestock farm and conservation practices on this farm include contouring, conservation tillage, grass backslope terraces, and waterways. In addition to this farming operation, he is a tillage equipment dealer.

REGION 2—HERMAN C. JANSSEN, Pocahontas County Soil Conservation District, Gilmore City. Mr. Janssen has been a commissioner in the Pocahontas District for 12 years and has served as chairman of the district governing body during that time. Prior to his election as commissioner, he served three years as an assistant commissioner.

As a commissioner he has actively worked in the areas of conservation education, soil stewardship, publicity, finance, and drainage. He attends all area tillage meetings and field trips and soil conservation meetings and tours.

Mr. Janssen has also served as a director of the Northern Iowa Polled Hereford Association, as a director of the Palmer Creamery Board, and is currently a director of the Palmer Coop Telephone Company.

He operates a 160-acre grain farm and practices on his land include conservation tillage and crop rotation.



REGION 3—JOHN F. RUZICKA, Floyd County Soil Conservation District, Marble Rock. Mr. Ruzicka has been a commissioner in the Floyd District for six years. He served as Chairman of the district governing body and is currently serving as Vice Chairman.

As a commissioner he has been the district's liaison to the Washington School Watershed and has been instrumental in promoting this project. He has been active in the areas of district outlook, soil stewardship, and has participated in radio programs promoting soil conservation. In addition, he was Chairman of the Resource Coordinating Committee, the 208 Planning Committee, and the temporary Floyd County Land Preservation Policy Commission. His cooperative efforts in working with the County Agriculture Stabilization and Conservation Service Committee, City Council, County Board of Supervisors, the North Iowa Area Council of Governments, and other groups have been a great asset to the district.

Mr. Ruzicka operates a 1,500-acre grain and livestock farm and conservation practices on his land include parallel terraces, a grassed waterway, conservation tillage, a farmstead windbreak, tile drainage, and pasture and woodland management.

He is a member of the Pork Producers Association and the Cattlemen's Board and was named Jaycee Agriculture Man of the Year in 1978.



REGION 4—MAX SPECHT, Jones County Soil Conservation District, Monticello. Mr. Specht has been a commissioner in the Jones District for nine years. He is currently serving as Chairman of the district governing body, an office he has held for five years, and served as Vice Chairman for two years.

As a commissioner he provides instruction at outdoor classes, attends conservation education board meetings, writes guest editorials and articles for local newspapers, and presents conservation talks and slide shows at meetings of the Farm Bureau, Lions Club, garden clubs, Rotary, and Monticello High School science classes.

In addition, he has been a member of the 208 Basin Advisory Committee and State Policy Advisory Committee, Chairman of the temporary Jones County Land Preservation Policy Commission and a township trustee. He has also served on the Extension Council, Jones County Fair Board, Holstein-Freisen Association, the Pork Producers Association, Beef Producers Association, Farm Bureau, and as a 4-H leader.

Mr. Specht operates a 1,780-acre grain and livestock farm and conservation practices on his land include conservation tillage, contouring, terraces, and waterways.



REGION 5—LOUIS P. CULVER, Harrison County Soil Conservation District, Dunlap. Mr. Culver has been a commissioner in the Harrison District for 37 years and was first elected at its organizational meeting in 1942. He has served as chairman and vice-chairman of the governing body.

He has been very active in the district's watershed program and was instrumental in the development of the following watershed areas: Harmony, Mill-Picayune, Mosquito, Allen Steer Creek, Cobb Creek, Mud Creek, and Six Mile Creek. He has also served as a regional director and Vice President of the IASDCD.

In the past, Mr. Culver operated a 450-acre grain and livestock farm and conservation practices on his land included terraces, grassed waterways, and two diversions. In 1946 he established a conservation demonstration project on his farm. In addition, he has devoted a number of years to public service as State Senator and as a member of the Iowa Natural Resources Council, Iowa Air Pollution Control Commission, and Governor's Committee on Conservation of Outdoor Resources. He has also served the Harrison County Landfill Commission, the Boyer Valley Watershed Association, the Harrison County Comprehensive Planning Committee, and as township assessor and ASCS township committeeman. In addition, he is involved in numerous other community activities.



REGION 6—FLOYD W. KEELING, Polk County Soil Conservation District, Des Moines. Mr. Keeling has been a commissioner in the Polk District for four years and served as assistant commissioner for two years. He has served as Chairman of the district governing body and been involved with the following committees: Youth Education, Legislative, Contests and Awards, Annual Report, and Conservancy Law Compliance.

In addition, he has served the district as a judge at youth speech contests, participates in land use promotion and activities; and served on the committee which worked with the Polk County Board of Supervisors to obtain county funds for soil conservation practices and established the first county cost-share program.

Mr. Keeling is a member of the Polk County Compensation Board, the Carlisle School Board, and is an Allen Township Trustee and an ASCS committeeman.

He owns a 316-acre grain and livestock farm and conservation practices on his land include terraces, a farm pond, conservation tillage, strip cropping, contour farming, and grassed waterways. He was also employed as an insurance company department head until his recent retirement.



REGION 7—ROMAN GARDNER, Benton County Soil Conservation District, Garrison. Mr. Gardner has been a commissioner in the Benton District for seven years during which time he served two years as Chairman of the district governing body. He served as Chairman of the Publicity and Finance Committees and as a member of the Education, Legislative, and Stewardship Committees.

He has been the district and regional winner in the owner-operator division of the Iowa Soil Conservation Awards Program, has received the WMT Stations Soil Conservation Award and the Certificate of Merit for outstanding accomplishment in soil conservation in Benton County, and hosted the Iowa State Contour Plowing Contest on his farm in 1963.

Mr. Gardner's community service includes involvement as an ASCS committeeman, past township trustee, Farm Bureau Worker, and member of the Pork Producers and Cattlemen's Associations.

He operates a 1,300-acre grain and livestock farm and conservation practices on his land include terraces, contouring, conservation tillage, grassed waterways, strip cropping, and crop rotations.



REGION 8—MARTIN HEAD, Page County Soil Conservation District, Essex. Mr. Head served as a commissioner in the Page District for 10 years and is currently serving as an assistant commissioner.

As a commissioner, he was a member of the Education Committee; and through his interest, a conservation education committee and conservation youth board were organized. He has been instrumental in the development of the Pierce Creek Watershed.

He has been a member of the temporary Page County Land Preservation Policy Commission, the Corner Conservation Development Community, the Golden Hills Resource Conservation and Development board, and the County Resource Coordinating Committee. He has also held membership in the Izaak Walton League, and has received the Outstanding Soil Conservationist Award presented by the Shenandoah Chamber of Commerce and the Emmett Zollars Award for outstanding service in soil conservation.

He operates a 400-acre grain and livestock farm and conservation practices on his land include tile, terraces, a structure, and waterways.



REGION 9—LAURENA HAMMES, Keokuk County Soil Conservation District, Sigourney. Mrs. Hammes has been a commissioner in the Keokuk District for three years and is currently serving as Vice Chairman of the district governing body. She served five years as an assistant commissioner in the Keokuk District.

She has been actively involved in environmental education and served as Treasurer and Chairman of the Keokuk County Environmental Concerns Committee and is a member of the IASDCD Education Committee.

She has established outdoor classrooms, personally conducted conservation tours for students, instructed teachers in conservation education techniques, and has made contacts with numerous groups. She has attended fall teachers workshops for the past 10 years, and was named Outstanding Teacher in Southeast Iowa in 1976.

Mrs. Hammes is a member of the Pathfinders Resource Conservation and Development Area Committee, the County RC&D Committee, the Keokuk County Resource Coordinating Committee and the Izaak Walton League.

She teaches science, math and social studies to third and fourth graders in the English Valley School District. The Hammes family operates a 580-acre grain and livestock farm and conservation practices on the land include tile outlet terraces, waterways, pipe drop inlet, ponds, contouring, and conservation tillage.



GOODYEAR SOIL CONSERVATION AWARDS PROGRAM

The Goodyear Tire and Rubber Company, Akron, Ohio, annually conducts a national soil conservation awards program to honor soil conservation districts, their governing bodies, and farmer-rancher cooperators. Iowa is divided into two competing units -- the northern division and the southern division.

Award recipients for the program year ending December 31, 1978, are as follows:

NORTHERN DIVISION:

First -- **ALLAMAKEE COUNTY SOIL CONSERVATION DISTRICT**: Leon Schoh, Dorchester, Chairman; Paul Howes, Dorchester, Outstanding Cooperator.

Second -- **HANCOCK COUNTY SOIL CONSERVATION DISTRICT**: Larry Lovick, Forest City, Chairman; Burton Cooper, Kanawha, Outstanding Cooperator.

Honor Districts -- **CLAYTON COUNTY SOIL CONSERVATION DISTRICT** and **PALO ALTO COUNTY SOIL CONSERVATION DISTRICT**.

SOUTHERN DISTRICT:

First -- **SHELBY COUNTY SOIL CONSERVATION DISTRICT**: Wayne Hansen, Walnut, Chairman; Michael T. Leinen, Portsmouth, Outstanding Cooperator.

Second -- **EAST POTTAWATTAMIE COUNTY SOIL CONSERVATION DISTRICT**: Robert Bingham, Oakland, Chairman; Edward F. Keast, Henderson, Outstanding Cooperator.

Honor Districts -- **AUDUBON COUNTY SOIL CONSERVATION DISTRICT**, **PAGE COUNTY SOIL CONSERVATION DISTRICT** and **WEST POTTAWATTAMIE COUNTY SOIL CONSERVATION DISTRICT**.

THE KEN WAGNER AWARD

This award is given annually to Iowa's outstanding young soil conservation district commissioner who is actively engaged in farming and is thirty-five years of age or younger. The award is given by Ruth Wagner in memory of her late husband, Kenneth, who was a commissioner in the Johnson County Soil Conservation District and served as a member of the State Soil Conservation Committee from 1948 to 1961.

The 1979 recipient is:

GARY L. KUNDE, Jackson County Soil Conservation District, Bellevue. Mr. Kunde served nine months as an assistant commissioner in the Jackson District and was elected commissioner in 1976. He is Chairman of the district governing body and the Publicity Committee and previously served as Vice Chairman.

As a commissioner he has been involved with the annual report, awards programs, Soil Stewardship Week and Soil and Water Conservation Week observances, conservation tillage promotions, tours, Resource Conservation Act activities, and contacts with legislators. In addition, he was instrumental in obtaining a soil survey commitment for Jackson County and securing sponsorship of the Pasture Management Award by the local Farm Bureau. He served as the district's representative at the ASCS development meeting. In 1978 he was named IASDCD Region 4 Outstanding Commissioner.

Mr. Kunde served as a member of the temporary Jackson County Land Preservation Policy Commission. He has been a Farm Bureau Board member for six years, serving as 1978-79 President, and is a member of the Andrew Jaycees and the Andrew Saddle Club.

He owns and operates a 600-acre grain and livestock farm, and conservation practices on his farm include contoured strips, pasture renovation, a waterway, tile outlet and structure, conservation tillage, and no-till.



NACD -- ALLIS CHALMERS EDUCATION AWARDS PROGRAM

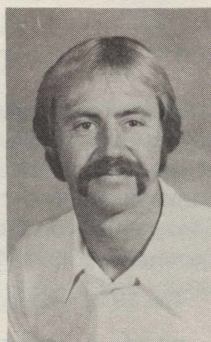
The NACD -- Allis Chalmers Education Awards Program was initiated in 1973 to create an awareness of the value of environmental conservation education and to encourage its application. The program also enhances efforts of district officials and teachers to advance the wise use, protection, and enhancement of the nation's soil, water, and related resources. Teachers of grades kindergarten through twelve and soil conservation districts compete for state, multi-state, and national awards.

The 1979 state award recipient in the teacher division is:

DELBERT BROUWER, DeWitt. Mr. Brouwer has been a high school biology and practical science teacher at Central Community High School in DeWitt for over seven years. He believes in exposing students to the proper concepts of nature, rather than stressing the negative aspects of what man is doing to the environment.

He works with the Clinton County Soil Conservation District, County Conservation Board, Izaak Walton League, and other groups in providing instruction for his students. He has a class unit devoted to resource conservation, where soils and soil erosion are studied. Students are required to each do a project that in some way improves the environment. His students visit farms to view conservation practices, establish nature trails, and plant trees and shrubs for wildlife habitat.

Mr. Brouwer earned a B.S. degree from Mankato State University. He has attended the Iowa Teachers Conservation Camp and fall teachers workshops.



The 1979 award recipient in the district division is:

AUDUBON COUNTY SOIL CONSERVATION DISTRICT, Audubon. The Audubon County SCD has a nine-member conservation education committee which was established to sponsor activities such as a field day, quarterly newsletter, educational materials, contests and awards, student scholarships, special observances, county fair, and conservation camps.

The district takes pride in its Ecology Field Day, which it has sponsored for the sixth consecutive year. One hundred sixty 6th-grade students participated in this year's event, which included subject areas on soil conservation, wildlife, park facilities and tree planting.

By creating interest and awareness at a young age and continuing to stress protection of the environment throughout the educational process, the district hopes to instill a lasting impression on the student that will carry on through adulthood.

LIFETIME HONORARY MEMBERSHIPS IN THE IOWA ASSOCIATION OF SOIL CONSERVATION DISTRICT COMMISSIONERS

The Iowa Association of Soil Conservation District Commissioners (IASCDC) bestows Honorary Lifetime Memberships each year to those individuals who, in the opinion of the Association officers and directors, have exerted a significant influence on the Iowa soil conservation program and have contributed to its growth.

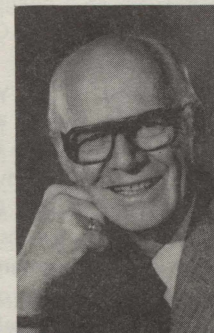
The 1979 recipients are:

H. WAYNE PRITCHARD, Des Moines. Born in Saskatchewan and reared on a farm in central Iowa, Mr. Pritchard graduated from Iowa State University with a B.S. degree in agricultural education. He taught vocational agriculture at Greene; Early-Nemaha; and Sac City school districts.

In 1949 he was named Executive Secretary of the Iowa State Soil Conservation Committee, but resigned in 1952 to become Executive Secretary of the Soil Conservation Society of America. During his 26-year tenure as executive officer of the Society, its membership more than tripled, programs for members were substantially strengthened, and a series of nine educational booklets were developed. More than 16 million copies have been distributed since the first was published in 1954.

He has also served as Editorial Director for the Society's *Journal of Soil and Water Conservation*, and as Secretary of the Pan American Soil Conservation Commission. He was elected a Fellow of the Society in 1959.

Since his retirement as the Society's Executive Vice President in 1978, he has assisted the IASCDC with the initiation of an Association newsletter, and is currently involved in compiling historical documentation of Iowa's soil conservation movement.



HELEN L. PRITCHARD, Des Moines. Mrs. Pritchard was raised on a Sac County, Iowa, farm and is a graduate of Sac City High School. She was employed as office secretary for Sac County Farm Bureau and Extension Service from 1931 to 1940, during which time she aided in the establishment of the Sac County Rural Electric Cooperative (REA) and the Sac County Agricultural Adjustment Administration office (AAA) which is now ASCS.

In 1952 she became employed by the Soil Conservation Society of America and worked for that organization until her retirement in 1978.

Mrs. Pritchard has been actively involved with the soil conservation movement for a number of years. In addition to her work with



SCSA, she has been an auxiliary member of the National Association of Conservation Districts and been involved with the Iowa Association of Soil Conservation District Commissioners.

Also, she is active in the Downtown Des Moines Kiwanis Ladies Club and served as its President in 1962 and newsletter editor for several years.

FORREST V. (FROSTY) SCHWENGELS, State Senator, Fairfield. Senator Schwengels was born in Sheffield, Iowa, and attended schools in Sheffield; Chicago, Illinois; and Kirksville, Missouri. He attended Northeast Missouri State Teachers College and Parsons College and has done graduate studies at Georgetown University and Indiana University.

He served for 23 years in the U.S. Air Force until his retirement in 1963, and is currently employed as a real estate salesman in the Fairfield area.

Elected to the Iowa Senate in 1972, he is currently assigned to Senate Committees on State Government, Appropriations, Ethics, and Natural Resources.

He is Co-Chairman of the 1979 Interim Committee on Soil Conservation Laws, and also serves on the Land Use and Pension Fund Interim Committees.

Senator Schwengels has a keen interest in soil conservation, which is evidenced by his legislative activities. As Co-Chair of the Interim Committee on Soil Conservation Laws, he has devoted a great deal of time and effort to accelerating the soil conservation movement in Iowa.



WATERSHED ACHIEVEMENT AWARD

RIENTS TERPSTRA, O'Brien County Soil Conservation District Assistant Commissioner, Hartley. Mr. Terpstra was born in Holland and came to O'Brien County, Iowa, at the age of five.

He served as an O'Brien County Soil Conservation District Commissioner for 18 years and as an assistant commissioner for five years. His district activities have included involvement with the district fair booth, outdoor classrooms, contests and awards, tree program, and other areas. In addition, he served as the district's representative to the Little Sioux Watershed Committee for 14 years.

Mr. Terpstra served as IASDC Region 1 Director for 14 years, and was Treasurer 12 of those years.

He was named a recipient of the Goodyear Merit Award in 1965 and the O'Brien County SCD Distinguished Service Award in 1979.

In addition to his soil conservation activities, he has had a long association with the ASCS including township chairman and Vice Chairman of the County ASCS Committee. His farming operation in O'Brien County has included both grain and livestock production.



DEPARTMENT OF SOIL CONSERVATION AWARD

The Iowa Department of Soil Conservation annually recognizes individuals for their leadership and service to the soil conservation program in the state of Iowa.

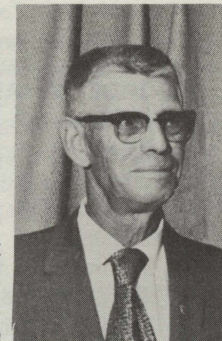
The 1979 recipients are:

GEORGE K. ANNAN, Clarinda. Mr. Annan served as a member of the State Soil Conservation Committee (SSCC) from 1967 to 1979. He was chairman of the SSCC for two years, chairman and vice chairman of the State Watershed Advisory Board, and vice chairman of the Southern Iowa Conservancy District Advisory Committee, as well as serving as a member of numerous SSCC subcommittees.

He has served as a Page County Soil Conservation District commissioner for 25 years and was an assistant commissioner for 10 years. He was named Outstanding Soil Conservation District Commissioner for Region 8 in 1960.

Mr. Annan has served as IASDC Region 8 Director. He has also been a member of the Golden Hills Resource Conservation and Development group, the temporary Page County Land Preservation Policy Commission, and the County Resource Coordinating Committee. In addition, he has been involved with the school board and Extension Council.

He farms approximately 900 acres near Yorktown in Page County, and all of his land is under a conservation plan.

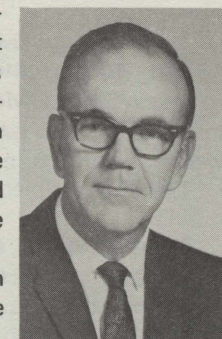


ROBERT R. WELP, Fort Dodge. Mr. Welp was appointed to the State Mining Board in 1966 and served on that board until 1973 when he became the mining industry's first representative on the State Soil Conservation Committee, a position he held until 1979. Mr. Welp's expertise in the field of mining proved to be invaluable in guiding the direction of the State Soil Conservation Committee and Department of Soil Conservation in matters relating to the mining industry that were assumed in 1973.

Also, as a member of the State Soil Conservation Committee, he displayed his interest and concern for the conservation of the state's soil and water resources.

He is a partner in Welp and McCarten, Inc., a firm which operates an underground limestone mine near Fort Dodge as well as a number of portable limestone and gravel crushing plants in several quarries and gravel pits in northern Iowa.

Mr. Welp is Past President of the North Central Iowa Engineers Club, Past President of the Iowa Limestone Producers Association, Past Director of the Fort Dodge Country Club, and has been Director of the Marion Home, Inc.



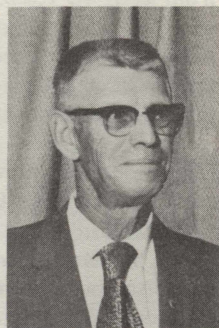
WATERSHED ACHIEVEMENT AWARD

The Watershed Achievement Award seeks to recognize individuals who have made significant contributions to the solution of resource conservation problems through the watershed approach. Recipients of the award may include district commissioners, lay people, or professionals. This award is sponsored annually by the Iowa Association of Soil Conservation District Commissioners and the State Soil Conservation Committee.

The 1979 recipient is:

GEORGE K. ANNAN, Clarinda. A native of Page County, Mr. Annan has been a key factor in the progress of the watershed program in the state of Iowa. He has been directly involved with the development of the Pierce Creek, Rocky Branch, West Tarkio Creek, Mill Creek, and Nodaway Watersheds.

As a member of the State Soil Conservation Committee, Mr. Annan served as Chairman and Vice Chairman of the State Watershed Advisory Board. This group is responsible for reviewing watershed applications, touring watershed sites, and making recommendations to the State Soil Conservation Committee for approval or disapproval of watershed applications. He has also worked extensively with the Southern Iowa Conservancy District Advisory Committee and "208" water quality management planning efforts.



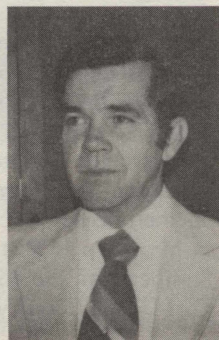
WOODLAND OWNER-OF-THE-YEAR AWARD

The Woodland Owner-of-the-Year Award is an annual award sponsored by the Forestry Section of the Iowa Conservation Commission. This award is designed to recognize individuals who are doing an outstanding job of woodland management. It is based on the individual's past and present accomplishments, as well as his efforts in promoting good woodland management in the community.

The 1979 recipient is:

CARL COATES, Corydon. Since his first tree planting in 1962, Carl has practiced tree planting and good woodland management on his land. Conifers, shrubs for wildlife and walnuts have been planted. He has strived for good woodland management to meet his goal of high quality walnut trees for future harvest. Carl also enjoys working with nut producing trees. He has put a great deal of time and effort into his wooded acres by doing timber stand improvement, pruning and fertilizing.

Carl and his wife, Nancy, received a woodland owner-of-the-year award at the Wayne County Soil Conservation District annual awards banquet in 1977, recognizing their contribution to soil conservation through woodland management.



Carl owns and operates the Chevrolet agency in Corydon.

He and his wife are the parents of three sons, and live on the north edge of Corydon.

IZAACK WALTON LEAGUE WINDBREAK AWARD

The Izaak Walton League Windbreak Award was initiated in 1977 to recognize field and farmstead windbreaks in Iowa that are helping conserve America's natural resources. The Iowa Division of the Ikes and its Davenport Chapter are the sponsors of the program.

A statewide award recipient is selected from a field of nominees submitted by participating soil conservation districts. Owners of each of the windbreaks nominated by the local districts for statewide consideration will receive certificates recognizing their management and planning efforts.

The 1979 statewide award recipient is:

RUBEN BERKLAND Fenton. Mr. Berkland established his windbreak 35 years ago. This 13-row windbreak, consisting of Norway, Colorado Blue and Black Hills Spruce plus Austrian Pine, protects his farmstead from the north, east, and west.

Trees were allowed to mature for four years before mowing for weed control. The area has been fenced. It is relatively free from disease and rodents. However, some problem with insects has been experienced, and trees have been sprayed for spider mite. To further enhance his windbreak, Mr. Berkland added two rows of honeysuckle on the north side in 1977.

Technical assistance in establishing the windbreak has been provided by the Palo Alto County Soil Conservation District.

