

Lawns Are 'Billion Dollar Investment'

LINCOLN — "Lawn turf in the Midwest amounts to a billion dollar investment and an annual upkeep cost of \$300,000 to \$500,000," a University of Nebraska Extension plant pathologist declared here Wednesday.

Dr. John L. Wehling made the comment at the opening session of the first Nebraska Turf Conference which may become an annual event for all persons interested in parks and golf course management and care. It is co-sponsored by the University and the Nebraska Golf Course Superintendents Association.

"Lawn turf is no longer a crop of secondary importance monetarily," Dr. Wehling said. "Just this past week a major seed company requested my consultation on possible development of a lawn and garden center. The major chemical companies no longer ignore the small package trade; rather they now vie for it."

"There is an extreme sense of pride among homeowners in their lawns," Dr. Wehling said. "Wheat and potato growers in western Nebraska often ask me to look at any problems in their lawns before checking any disease problems in wheat or potato fields."

"The Nebraska public is very rapidly gaining an aesthetic consciousness and recreational awareness of the importance of

turf and lawns in our society," the plant pathologist declared. "This trend has not only swept across Nebraska, but even more so throughout the Nation."

Dr. J. O. Young, chairman of the University's Department of Horticulture and Forestry, said that "we have some 100,000 acres of turf more or less in Nebraska and the acreage is expanding rapidly. We call it a crop because it is the product of cultivation and management. It's a valuable crop and we spend about \$25 million dollars a year on it in Nebraska."

"Turf is useful and many people use it," Dr. Young continued. "For some it creates a market for seed, tools and chemicals; for many it is the escape from mud and dust; for many it is used to be decorative; for some it is a symbol of status; for some it is the pathway to pleasure or recreation; for some it is earth's beautiful mantle, a foundation on which to build communities, landscapes and homes."

"This state is in the heart of the world's greatest grasslands," Dr. Young added, "but perhaps grass has been taken for granted in the past. We need to assess our needs in the field of turf grasses for the sake of improvement of turf in the State and throughout the nation."

Dr. Wehling commented that the number of lawn problems has been increasing rapidly in recent years, particularly in the past year.

"Many insects attack lawn turf, but only two have been of major significance in recent years," said Robert E. Roselle, University Extension entomologist. "Sod webworms and white grubs are the most serious pests. Both pests are difficult to control, but we do have recommen-

dations to follow. Nearly every lawn in Nebraska was infested with sod webworms last summer, but we have no way of determining the amount of damage caused by this insect. Many other factors — other insects, diseases, weather, etc., combined to seriously damage turf in some cases."

Karl Loerch, Extension forester at the University, reported that trees can seriously affect lawn and golf course turf by using up available moisture and nutrients as well as providing excessive shade.

"Many of the turf problems caused by trees could be solved by planting the proper trees," Loerch said. "Such species as the Hackberry, and Honey Locust produce light foliage and have deep roots which do not compete with the turf for moisture and plant nutrients on the soil surface. We also may want to consider planting more small, flowering trees in parks and on golf courses not only to reduce competition for water and plant nutrients, but also to beautify such areas."

"We need to stop planting such species as Cottonwood, Soft Maple, Chinese Elm and American Elm trees which grow fast, but compete with turf grass for moisture and plant nutrients," Loerch said.

Lagoon for Animal Waste Disposal Is Possibility

LINCOLN — Confinement housing of livestock and poultry is here to stay. E. A. Olson, Extension agricultural engineer at the University of Nebraska, says farmers are going to be looking for better ways to dispose of livestock wastes.

He says lagoons may offer a possibility for some — but he believes that most Nebraska farmers will continue to spread manure on their fields.

Olson says where conditions are right, a lagoon will work. But the design and management of the lagoon must be carefully handled to realize success.

He warns that lagoons are not a cure-all.

He points out situations where lagoons should not be used — when land is too expensive, not readily available, or too porous — where water is scarce or underground water movements may endanger water supplies — and where the overflow from a lagoon may contaminate streams.

Harry F. Byrd, Senator (D., Va.):

"I am more firmly convinced than ever that sharp reductions in federal expenditures should precede any major reduction in tax rates."

SOUTH ASHLAND

Mrs. Ivan Armstrong — Phone 944-8136

Mr. and Mrs. Wayne Laughlin observed their birthdays Sunday evening, also the third birthday of their little son, Timmy. Dinner was served to Mr. and Mrs. Roy Keller, Mrs. Oscar Laughlin, Mrs. W. A. Laughlin and Clark Bushnell. Later, home made ice cream and cake was served.

Mrs. Emma Jones, mother of Mrs. A. D. Bachman, with whom she makes her home, was 95, January 8. The day was spent quietly, her granddaughter, Mrs. William Mason and great granddaughter, Mrs. Marsha Boggs and little son Alan called in the afternoon. The group enjoyed ice cream and cake together.

Mr. and Mrs. Raymond Nelson were Sunday dinner guests of Mr. and Mrs. Harold Richards, observing Mr. Richard's birthday.

Mr. and Mrs. John B. Peterson attended the funeral of Mrs. Peterson's uncle, Evert Garner in Lincoln Monday forenoon.

Mr. Garner formerly lived in the Cedar Hill community.

Capt. and Mrs. R. M. Hintz and family have been visiting Mrs. Hintz's sister, Mrs. Wayne Nissen, Mr. Nissen and family and with their parents, Mr. and Mrs. Eugene Bundy east of the Platte. The Hintz family and the Bundys were Tuesday supper guests in the Nissen home.

All were Friday and Saturday supper guests of the Bundys. Mrs. Hintz is the former Jane Bundy. They are enroute from Las Vegas to Washington, D. C. to make their home.

Mr. and Mrs. Malvin Wiles called at the Troy Wiles home Monday, later Troy Wiles was taken to the Nebraska City hospital.

Mr. and Mrs. Harold Buell were hosts at dinner Sunday in observance of their wedding anniversary also that of Mr. and Mrs. Carl Weston who were guests. Other guests were Mr. and Mrs. Keith Weston and family and Mrs. Jean Kelly.

Henry Klipp is improving from his recent illness, callers at the Klipp home this past week were Art Bruggeman of Lincoln and Herman Rohrs of Deahler, Tuesday afternoon, and Mr. and Mrs. Glen Hillis of Sprague and Mr. and Mrs. Junior Baily of Lincoln, Saturday afternoon.

Fred Rueter spent last week at the Dewey Moore home. Mrs. Moore, Dewey W. and Mr. Rueter had dinner Monday and Tuesday at the Dan Rueter home in Alvo.

Mr. and Mrs. Raymond Nelson called in the Duane Nelson and Forrest Estes homes in Lincoln Monday and were evening dinner guests of Dr. and Mrs. Joe Liggit and little daughters.

Mr. and Mrs. Ernest Leaver Thursday afternoon. They had Sunday dinner with the Raymond Judds family in Lincoln.

Mr. and Mrs. Malvin Wiles spent Wednesday with Edrie Wiles in Nebraska City. Other visitors were Mrs. Roy Wipf, Mr. and Mrs. Roger Wipf and George Wiles. Mr. and Mrs. Roy Wipf and George Wiles visited Troy Wiles in the hospital in the afternoon.

Mr. and Mrs. Elton Erickson and family were Sunday dinner guests of Mr. and Mrs. Ralph

Parking in Plattsmouth. Mr. and Mrs. Ivan Armstrong received word that Mrs. Guy James of Grand Island fell and broke her left wrist in two places. She is doing nicely since having the bones set, and she continues to live in her own home alone.

Mr. and Mrs. Marvin Leaver and family and Mr. and Mrs. Clyde Jones were Sunday dinner guests of Mr. and Mrs. Alvin Leaver.

Mr. and Mrs. W. E. Andrews of Lincoln spent Tuesday evening with Mr. and Mrs. John B. Peterson.

Mr. and Mrs. Malvin Wiles and Terry spent Wednesday evening with Mr. and Mrs. Roy Stock and Bruce. Mr. and Mrs. Wiles had dinner Thursday with Mr. and Mrs. Ell Gaudreault.

Mr. and Mrs. Mansfield called on Mrs. Mansfield's mother, Mrs. Willa Weidon, and Mrs. Samuel Metheny in Lincoln, Wednesday afternoon.

Sunday supper guests of Mr. and Mrs. Mansfield were Mr. and Mrs. Lyndall Watson and sons.

Mr. and Mrs. Peter Stander and family were Sunday afternoon visitors with the Victor Miller family.

Mr. and Mrs. Fred Stickney and family were Sunday dinner guests of Mr. and Mrs. A. J. Riedesel and family.

Mr. and Mrs. Ivan Armstrong spent Tuesday evening with the Reverend and Mrs. C. M. Foust.

Mr. and Mrs. Jack Johannsen were Sunday evening visitors at the Malvin Wiles home.

Phorate Registered For Rootworm Control

LINCOLN — The chemical phorate (thimet) has been registered by the U. S. Department of Agriculture for use as a soil insecticide in granular form against corn rootworms.

The recommended rate is 10 pounds of 10 per cent granules per acre. Apply as a band 4 to 7 inches wide over the seed row, but not in the seed furrow. The recommendation is the same for diazinon, said Robert E. Roselle, University of Nebraska Extension entomologist.

"It is important that equipment be calibrated carefully, and that the delivery tubes are as straight and short as possible to avoid uneven application and stopping," Roselle said. "In 1962 we observed many cases of uneven application and several where tubes had stopped up. Most of this trouble was due to tubes with bends that did not allow even flow of materials."

PEACE CORPS WANTS YOU

LINCOLN — The 4-H Peace Corps is looking for you — if you have had experience in 4-H Club activities, are at least eighteen years old, and would like to serve in an interesting field abroad. Applications are needed now. See your County Extension Service office for information on 1963 assignments.

Realty Transfers

Henry G. Trunkenbolz to Ray L. & Marybeth C. Bowman, 12-18-62, E½ SW¼, 18-10-9, \$13,900.

Emil H. & Mildred B. Heier to Everett & Elsie Dobbs, 12-20-62, E½ Lot 484, Louisville, \$2,300.

George William & Eva Geneva Hart to Everett & Elsie Dobbs, 12-22-62, W½ Lot 484, Louisville, \$300.

School District No. 95 to Henry Knaup & Ahlene Fitch, 12-7-62, S½ Block 11, Elmwood, \$1,650.

Marie Prohaska to Rose J. Prohaska, 1-2-63, Lot 29 Hillcrest Add., Plattsmouth, \$1.

Adolph W. & Sara B. Rau to Howard L. & Gloria L. Schmidt, 9-1-62, E½ NW¼, 33-12-10, \$1.

Alvin, Ietta, Carl & Roslyn Buckemeyer to Walter & Hulda Buckemeyer, 12-62, Lots 1, 2, 3, Blk 16 First Add., Murdock, \$1.

Edna & Clyde Haswell to Louis Carnicle, 12-11-62, Lots 2, 3, 4, 5, 18, 19, 20 & 21 Blk. 3, South Bend, exchange of property.

Ruth Gruber to Roy L. & Anita Brunk, 6-4-62, ½ Int. Lot 120 SE¼ NE¼, 19-12-14, \$1.

Ruth Gruber to Charles L. & Sarah Coston, 6-4-62, ½ Int. Lot 120 SE¼ NE¼, 19-12-14, \$1.

Chester A. & Helen M. Sporer to Charles Lloyd & Sarah Coston & Roy L. & Anita C. Brunk, 12-22-62, Lot 115 NE¼ NE¼, 19-12-14, \$2,000.

Merritt F. & Zola R. Pollard to United States, 12-14-62, Pt. 1/2 W½ NE¼, 26-10-12, \$700.

Harold H. Heil et al to Edward T. Heil, 12-31-62, SE¼ SE¼ 24-12-11 & SW¼ SE¼ & Pr. SE¼, 36-12-11, \$1.

Harold H. Heil et al to Herbert W. & Amanda L. Heil, 12-31-62, Pt. SE¼ SW¼, 36-12-11, \$1.

A. B. Rogers & Irma to Raymond F. & Flo Ella Evers, 3-20-62, NE¼, 12-12-13, \$1.

Dennie C. & Irene Smith to Sterling A. & Home Lou Cole, 12-29-62, Pt. Lot 40 Smith's Add., Plattsmouth, \$1.

Dale R. & Lillian E. Philpot to Neal E. & Janet E. Snell, 7-30-60, Lot 6, 7, 8 Blk 3 Duke's Add., Plattsmouth, \$1.

Eliaworth E. & Evelyn D. Schwalm to Robert H. & Edith Mae Davis, 1-12-63, Lot 124 & S 20 ft. Lot 125, Louisville, \$1.

Evaline F. & Edward A. Zimmerman to Ralph Snively, 1-2-63, N¼ NW¼, 14-10-9, \$1.

Ash Grove Portland Lime & Cem. Co. to Claude & Theresa

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Kobler, 1-5-63, Pr. E½ NW¼ & S½ SW¼ NW¼ & Lot 16 NE¼ SW¼, 22-12-11, \$1. Grace H. Taylor to Robert C. & Matilda Shipley, 1-8-63, Lot 36 NW¼ NW¼, 13-12-13, \$1.

PUBLIC SALE

Due to the death of my husband, I will sell the following described personal property at Public Auction on the farm located 1½ miles North of the Union Corner and ¼ mile East, or 11½ miles South of Plattsmouth and ¼ mile East, on

MONDAY, JANUARY 21st

Sale Starts At 10:00 A.M. Sharp

CATTLE

15 Head Of Stock Cows - 5 Head 5 to 7 Years Old
10 Head of Good Hereford Heifers
All of Above Sold to Purebred Registered Hereford Bull.

MACHINERY, Etc.

1956 John Deere Gas Tractor, completely overhauled summer of 1962 has Power Steering, 60 model; '49 John Deere A tractor, power steering; 1953 Jubilee Ford Tractor, overhauled in fall of 1961; John Deere '56 No. 227 Corn Picker; '56 KBA 10-Foot Tandem Disc; '56 No. 55 ABH 3x16 Plow, Power Trol; '56 No. 44 2x16 Plow, Power Trol; '56 No. 200 ABH Cultivator; '56 No. 820 ABH 2-Row Monitor; '56 3-Section Rotary Moe; '53 Dempster Two-row Lister, rotary moldboard; '53 Ford Two-Row Cultivator; '53 Ford Mower; '53 Ferguson Raker; '53 Ford 6-Foot Disc; '53 Ford Plow, 2x14; '53 Ford Blade; '53 Ford Scoop; '53 Ford Boom; '53 Ford Stalk Shredder; '56 New Idea Manure Spreader; Heider Auger Wagon, near new; Heider Wagon with Hoist; 6-Ton Stockley Wagon Gear; 2 Flare Box Wagons; Viking Grinder, New, PTO; Skyline Grinder; Four-Section Harrow; 2 Two-Section Harrows; Roller; E-Zee Plow; Two-Pen Hog House; Brooder House 12x12; 3 Hog Feeders; 6 Farrowing Crates; Panels, Troughs, Heat Lamps; 1 Mile Electric Wire, Posts, Insulators; Woven Wire, Barbed Wire, Posts; 300-Gallon Tank and Stand; 2 50-Gallon Barrels; Case Grinder; Shop and Garage Tools; Miscellaneous Barrels; Ford Tractor Jack, Auger Etc.; 30 Tons First and Second Cutting Alfalfa Hay in barn; Approximately 150 Bushels of Oats.

AUCTIONEER'S NOTE—This is a Sale that Everything has been Taken Care of and is Extra Good. Be at Sale.

FOLLOWING PROPERTY BELONGS TO WILBER WHITED Co-Op Side Delivery Rake; Wellmore Hammer Mill; Wagon Jack; 300-Gallon Fuel Tank; 2½ H.P. Gasoline Motor; Running Gear and Box; David Bradley Carden Tractor and Attachments; Wheel Weights for IHC H or M; Boxes for 250 IHC Cultivator; Corn Elevator; 1-Row New Idea Corn Picker; David Bradley Manure Spreader; Model A Ford; Numerous Miscellaneous Articles.

TERMS — CASH DAY OF SALE

LUNCH SERVED BY BAPTIST AID SOCIETY

Mrs. Clifton Garrison

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MURRAY STATE BANK, Clerk
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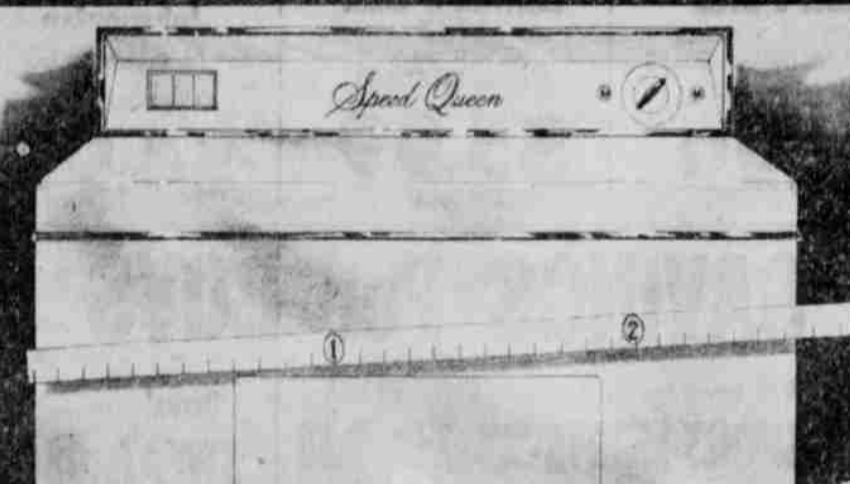
No. of Months	Amount You Get	Monthly Payments
25	\$ 104.00	\$ 6.00
25	318.00	18.00
25	567.38	30.00
30	1002.03	43.00
30	1318.72	55.00
36	1514.86	54.00
36	2514.33	86.00
36	3000.00	101.51

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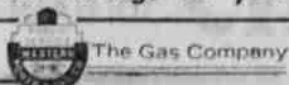
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Stop or call The Gas Company or your favorite Gas Dryer Dealer and arrange for your free trial today.



Battery Charger Can Be Profitable

LINCOLN — Many Nebraska farmers now have as many as half a dozen batteries to take care of — on tractors, self-propelled machinery and other vehicles.

Delbert Lane, Extension agricultural engineer at the University of Nebraska, suggests that a battery charger can be a handy piece of equipment for farmers.

When a battery gets low from prolonged use or from accidental discharge, it can be easily recharged right in the vehicle. Batteries can also be maintained at peak charge without waiting for them to catch you unawares.

Lane lists three common types of chargers. The first is the trickle charger, used only for keeping a battery in "full charge" in standby storage — as in filling stations.

The second is the fast or quick charger, capable of restoring a high state of charge in a sound battery in 20 to 30 minutes. These are quite expensive — usually 75 to 100 dollars — and are chiefly for service station use.

The third is a charger that restores a battery to full charge in 10 to 12 hours. Such a charger will have a 5 to 6 ampere output at 12 volts and 16 to 12 amp output at six volts. It costs 15 to 20 dollars.

Lane says farmers buying battery chargers should consider dual voltage 6 to 12 volt chargers, since both battery voltage are now common on farm equipment.

CHEVROLET...the Quality truck!



WALK AROUND IT. SEE THE DIFFERENCES.

Start at the rear of this Fleetside pickup. Grab the tailgate and pull hard. No give. Two wedge latches keep it tight. Now unfasten them and let down the gate. Jump up and down on it: Does it sag? Notice how the chains are wrapped in rubber so they won't rattle or mar paint.

Now look at the lower side panels. Two walls. You might dent the inside one but it won't show through. The floor will never rust. It's select wood, not metal.

Now please sit in the cab a minute. Comfortable? It also is double walled and the roof is insulated. Let's start 'er up and look for a washboard road. Chevrolet coil-spring suspensions fight road shock better than other types, good for the truck, load and the driver. There are other things. But you can see why this is a truck that does a job without a lot of puffing. It's built right. Which is why it's usually worth more at trade-in. When would you like us to deliver it?

2 NEW 6-CYLINDER ENGINES

New High Torque 230-cu.-in. Six is lighter but more powerful than its predecessor. It is standard in Series C10 through C50 models.



New High Torque 292-cu.-in. Six — most powerful truck 6 Chevrolet has ever built! Standard in Series C60, optional at extra cost in lighter models.



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