

1946 NATIONAL PLOW TERRACE BUILDING CONTEST REPORT



Sponsored By

The Mills County Soil Conservation District of Iowa

The Omaha World-Herald

The Omaha Chamber of Commerce Agricultural Dept.

The Omaha Farm Equipment Club

Report of

NATIONAL PLOW TERRACE BUILDING CONTEST

Mills County, Iowa

September 10 and 11, 1946

A National Terrace Building Contest just doesn't happen, it is the result of months of planning and considerable activity on the part of numerous committees. Giving due credit to all parties concerned can only be done by briefly stating the planning steps and the activities.

As the success of the contest depends upon the sponsors and co-sponsors, there must be complete understanding as to the activity of each interested group and the Contest Committee must map out the general line of action far in advance. This calls for numerous meetings of the Central Committee until all questions on finance, location and general arrangements are settled.

It is next necessary to appoint seven (7) Field Committees, they are:

1. Parking and Police Committee
2. Educational and Demonstration Committee
3. Prize and Award Committee
4. Concession Committee

5. Communications Committee, Public Address and Telephone
6. First Aid Committee
7. Ground Committee, Electrical power, water and toilets

Working with members of the Contest Committee, the field Committee's must each arrange their portion of the program far in advance, checking all needed expenditures with the Finance member of the Contest Committee and meeting the needs of the Chairman of the Contest Committee.

The A.S.A.E. Rules and Regulations for Terrace Building Contests having sufficient flexibility to allow for their adaptation to local conditions, it is necessary for the Contest Committee to draw up their local Rules and Regulations, Scoring points and Values and their Application form.

This feature can best be presented by showing copies of the General Rules and Regulations, Scoring Points and Application of the 1946 Contest.

RULES & REGULATIONS

1. Eligibility:

Mold Board Class: Any Mid-West farm operator using farm tractor and mold board plow. Committee reserving right to limit entries to the first application from any one County. In the case of preliminary County or State Contests, the winners of first place are eligible entrants.

Open or Demonstration Class: Any type of terrace building equipment and may be operated by farmer, dealer, manufacturer or commercial operator.

2. Date: September 10th and 11th, 1946.
3. Location: Jay Wright farm, 3 miles east of Glenwood, Iowa, on Highway No. 34.
4. Time: Contestants must register in by 1:00 P. M. September 10, 1946. Drawings for lands at 3:00 P. M. September 10th. Contest starting promptly at 10:30 A. M. September 11th, 1946.
5. Contest Lands: Each contestant must construct 300 linear feet of level terrace.
6. Equipment: Each contestant shall furnish own tractor and plow or make arrangements for tractor and plow, plus fuel; upon completion of the unit the amount of fuel used will be returned to the contestant.
7. Fuel: Each contestant must arrange to have fuel on hand to completely fill tank at start of contest.
8. Positions: Will be determined by lot and method of drawing will be determined by the Judges.

9. Awards: Shall be based on the cross-sectional area of Channel, Tillability, Uniformity of grade and alignment, and Efficiency. The decisions of the Judges shall be final.
10. Observers: The judges shall appoint an observer for each contestant to keep time and otherwise assist in securing compliance with the rules of the contest.
11. Assistants: Each contestant shall be allowed one assistant who shall meet the eligibility requirements of the class. The assistant may remove stakes, help make repairs or adjustments or help the contestant in any manner incidental to the operation of the equipment while it is not in motion. During the contest, only the operators and the assistant shall be permitted to repair or adjust the equipment.
12. The Terrace Contest Committee and Farm Owner or Operator assume no responsibility in case of accident or damage to equipment or persons.
13. Prizes: 1st Prize, \$500.00 Series E Bond; 2nd Prize, \$100.00 Series E Bond; 3rd Prize, \$50.00 Series E Bond; 4th and 5th Prizes, \$25.00 Series E Bond. Valuable commercial prizes to other contestants.
14. In case of doubtful weather, contestants shall call Secretary John H. Longstreet, Malvern, Iowa, phone 5051-

SCORING POINTS & VALUES

1. Cross-sectional area of Channel..... 50 Points

In this section the standard level terrace must have a minimum of 16 square feet of channel cross-sectional area.

Rating standard or above	50 Points
Less than standard by 1 sq. ft.....	45 Points
Less than standard by 2 sq. ft.....	35 Points
Less than standard by 3 sq. ft.....	20 Points
Less than standard by 4 sq. ft.....	0 Points

2. Tillability.....30 Points

Terrace and slopes and cross-sectional area to be such as to accommodate the operation of farm machinery.

Standard requirements:

Back slope of channel	4 ft.
Bottom width of channel.....	6 ft.
Front slope of terrace.....	6 ft.
Back slope of terrace	14 ft.
Rating standard for front slope of terrace ridge.....	8 Points
Rating standard for back slope of terrace ridge	8 Points
Rating standard for back slope of channel	8 Points
Rating standard for bottom width of channel	6 Points
Less than standard by 1 foot deduct 2 points.	

3. Uniformity of Grade and Alignment..... 20 Points

On level terraces, the Judges inspection for uniformity shall decide the rating. Staked line represents peak of terrace ridge, contestants shall follow such staked line with no visabale deviations

Rating standard for uniform ridge	10 Points
Rating standard for uniform channel	5 Points
Rating standard for alignment	5 Points

Total for Terrace Quality.....100 Points

4. Efficiency.....25 Points

The efficiency rating of a contestant shall be determined by dividing the points earned for terrace quality by the cost of constructing 100 lineal feet of Terrace. The efficiency score ranging from 25 to 0 points shall be determined by the Judges, based on the comparative efficiency ratings of all contestants in a class of competition. The total points earned by a contestant shall be the sum of the quality and efficiency points.

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MOLD BOARD CLASS

I hereby apply for entrance as a contestant in the 1946 National Plow Terrace Building Contest, sponsored by the Mills County Soil Conservation District, The Omaha World-Herald and the Omaha Chamber of Commerce.

In consideration of the acceptance of this entry, I, hereby for myself, my heirs, executor and administrators, waive and release any and all rights and claims for damages I may have against all other entrants and against the sponsors, the co-sponsors, their committees, sub-committee agents and representatives, or the farm operator or farm owner, and assign for any and all injuries to me in the National Plow Terrace Building Contest.

I further understand and agree that in consideration of my admission to this contest, my name and picture may be used by the sponsors of the contest in commercial as well as news items without compensation, allowance or reward, and I further understand that the National Plow Terrace Building Contest Committee is not responsible for any awards other than those specifically set forth in the premium list.

Witness..... Contestant's signature

Date..... Date.....

If Entrant is under 21 years of age, following release shall be signed.

In consideration of the National Plow Terrace Contest Committee accepting this entry in the 1946 National Plow Terrace Building Contest, , as the parent or legal guardian of the entrant, do hereby release all other entrants and the sponsors of any claims for injuries sustained by the said entrant.

Witness..... Parent or Guardian

Date..... Date.....

Note: All entrance applications must be submitted to John H. Longstreet, Secretary of Mills County Conservation District at Malvern, Iowa, by Wednesday, September 4, 1946.

The Contest Committee now appoint a publicity and advertising Chairman, preferably a newspaper man, and all major news releases are channeled through this man.

The Technician now must survey and lay out all terraces in the contest field, the contest lands must be measured out, numbered and mapped. The

sample terrace must also be constructed in advance of the event.

The Contest Committee having secured the services of competent Judges for the event, must now request some local organization to furnish Observers for the Contest. This requires one man for each Contestant, who shall keep time and assist in securing compliance with the rules of the contest.

DUTIES OF OBSERVERS

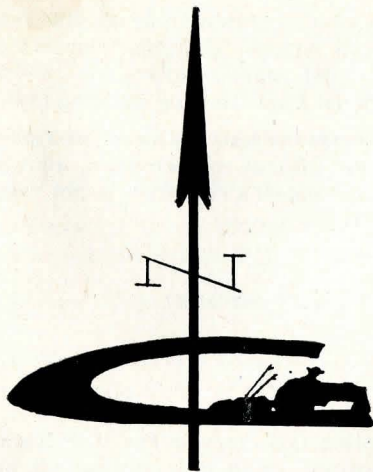
OBSERVERS: The Judges shall appoint an observer for each contestant, to keep time and otherwise assist in securing compliance with the rules of the contest.

1. EQUIPMENT: Each contestant shall provide a complete terracing unit in accordance with the specifications for the class in which he desires to compete. No substitutes of machines shall be permitted after the start of the Contest.

2. FUEL: Each contestant must arrange to have fuel on hand to fill his tank completely at the beginning of the Contest and sufficient reserve fuel, if any is needed, to complete his terrace.

3. CONTEST TERRACES: Contest Terraces shall be 300 feet long, each contestant shall draw for position, the method of drawing to be determined by the Judges.

TIME: The time required to construct a terrace shall be used as one of the factors in determining efficiency. Each contestant shall be timed by an observer. The time required for construction shall be the total elapsed time from the starting signal to completion of construction, less the free time allowed for repairs and adjustment of equipment, as follows:



JAY WRIGHT FARM
MILLS COUNTY, IOWA

LOCATION OF

1946 NATIONAL PLOW TERRACE BUILDING CONTEST

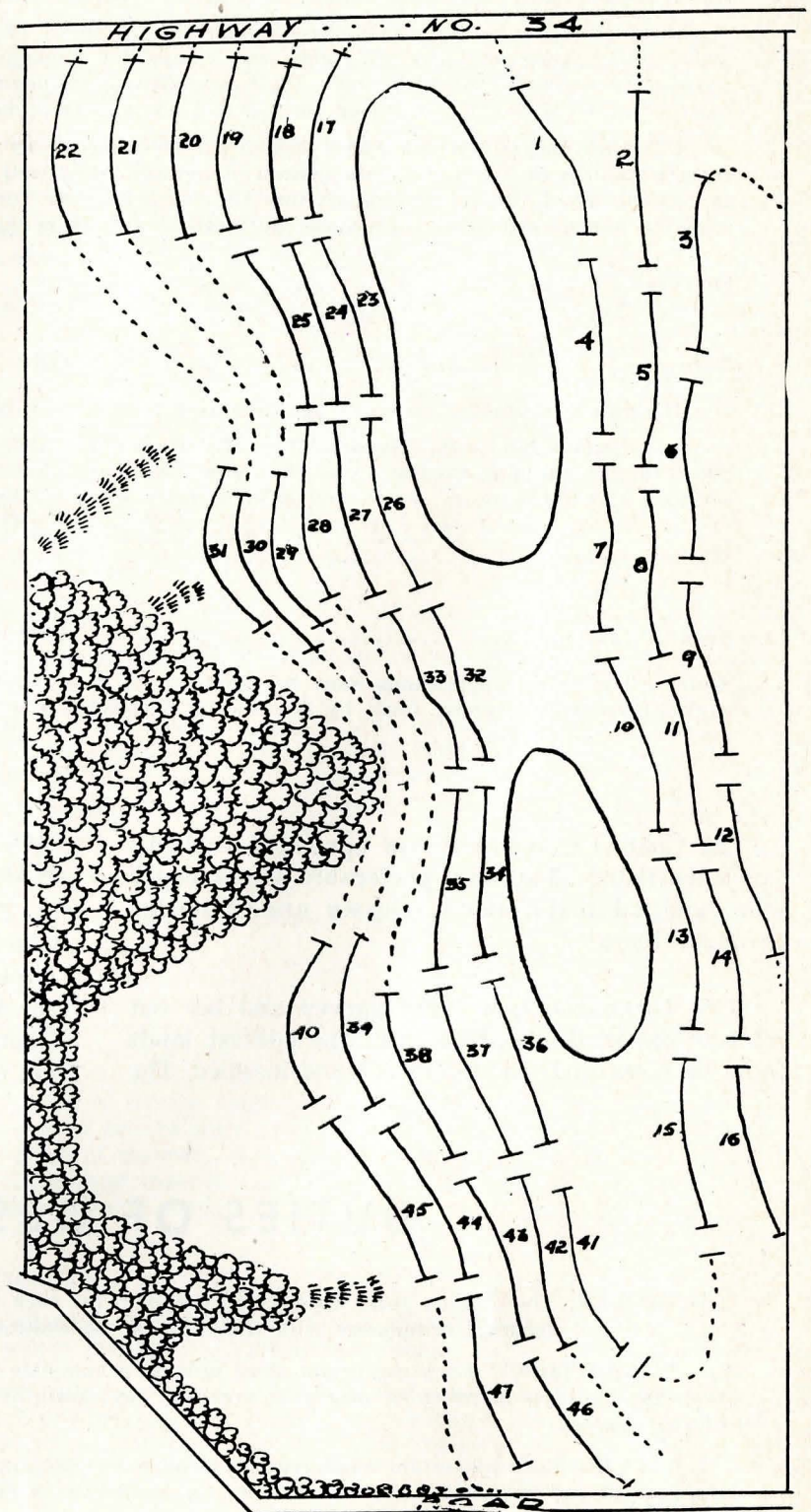
CONTEST MAP

SCALE OF FEET



LEGEND

- WOODS
- TERRACE LAND
- WATERWAYS
- EXTENSION OF TERRACE



MEASUREMENTS OF COMPLETED TERRACES

Measurements for scoring shall be made at a typical section of the completed terrace, the location for the typical section to be made by contestant.

The settled ridge height shall be used in measuring the cross-sectional area of terrace channels. In order to secure equal settlement the measurements shall be made in the wheel marks of a pneumatic-tired tractor backed down slope across the terraces. The same model and make of tractor shall be used for this purpose on all terraces.

Cross-sectional readings shall be taken at two foot intervals for a distance of thirty (30) feet both ways from the terrace ridge.

The cross-sectional readings shall be plotted on graph paper and measured accurately with planimeter.

TILLABILITY

(30 POINTS)

Land No.....

Standard for Mills County	Minimum	Rating	Contestant's Score
Backslope of channel.....	4 ft.	8 Pts.	
Bottom width of channel.....	6 ft.	6 Pts.	
Front slope of terrace.....	6 ft.	8 Pts.	
Back slope of terrace.....	14 ft.	8 Pts.	
TOTAL SCORE for TILLABILITY			

.....
Judge for Tillability.

UNIFORMITY OF GRADE & ALIGNMENT

(20 POINTS)

"On level terraces, the Judge's inspection for uniformity shall decide the rating. Staked line represents peak of terrace ridge, contestants shall follow such staked line with no visible deviations."

Land No..... Contestant's Score.

Rating standard for uniform ridge—10 points

Rating standard for uniform channel—5 points

Rating standard for alignment—5 points

Total Score for Uniformity.....

.....
Judge of Uniformity.

EFFICIENCY

LAND NO.....

EQUIPMENT: (Make, size, etc.)

Equipment Cost per Hour:.....

Labor Cost per Hour:.....

Total Cost per Hour:.....

CONSTRUCTION TIME: hrs. min.

TOTAL COST (300 ft.).....

COST per 100 feet.....

Divide points for quality by the cost of constructing 100 feet of terrace.

EFFICIENCY RATING..... EFFICIENCY SCORE.....

.....
Judge of Efficiency

FIELD RULES FOR CONTESTANTS

TUESDAY, SEPTEMBER 10, 1946

You will be given a copy of your land number at the drawing, you are requested to display this number on your tractor. Corresponding numbers are on stakes at each end of your contest land.

Following the drawing, you will drive your tractor to your assigned land and park it.

WEDNESDAY, SEPTEMBER 11, 1946

All contestants will be at their tractors ready to start at 10:00 a. m. prompt.

At 10:28 a. m. the National Anthem will be played by the band, immediately following this the starting bomb will be fired. Watch for the starting bomb about 200 feet high in center of the field.

You may use whatever time needed up to three hours. There will be no signal closing operations. Your observer will tell you when final time is up.

The starter bomb for the Open Class will be at 12:00 Noon.

It has been the courtesy rule in past contests that when two contestants arrive at the fifty-foot

turning area at the same time that the right-of-way be given to the man turning up hill.

If you are in doubt on any rules, ask your observer, for he has complete rules as to operators and assistants.

When you have completed your terrace, park your tractor in the terrace channel at one end, and ask your Observer to turn in your time sheet.

You will stay at your tractor until the Engineer crew arrive to measure the cross-sectional area, etc. The contestant will select a typical or average section where he wishes the measurement to be taken.

The measurements shall be made in the wheel marks of a pneumatic-tired tractor backed down slope across the terrace.

Leave your tractor parked in the channel of your terrace until after the Awards have been made.

Be Safe, Be Sure, Be Careful.

With all plans complete and with the weather man on your side, you are now ready for the Contest.

There were thirty (30) entrants in the Mold-board Class and eight (8) in the Open Class, representing the champion terrace builders of Kansas, Nebraska, Indiana, Missouri and Iowa. All contestants were required to have their equipment on the grounds at 1:00 p. m. on September 10th, and the drawing for lands was held at 3:00 p. m. At the drawing each contestant was given a copy of his land number and requested to display this number on his tractor. Corresponding numbers were on stakes at each end of his contest land. Following the drawing, contestants drove their tractors to their assigned lands and parked them.

The remainder of the first day was filled in by visiting the educational exhibits. About 1,000 square

feet of exhibits were shown by Iowa State College, covering weeds, grasses and conservation practices.

On the second day, September 11th, the crowd began to arrive at 8:00 a. m. and by 10:00 a. m., all contestants were at their tractors with the exception of the two (2) Missouri entries who failed to arrive at starting time, leaving twenty-eight (28) in the Mold-Board Class and eight (8) in the Open Class.

At 10:00 a. m. the Mills County 4H Band gave a half hour concert. With some delay in the starting bomb, the mold-board class got under way at 10:42 a. m.

The contestants and their equipment as listed by lands at the start of the contest were:

MOLD-BOARD CLASS

Land No.	Name	Equipment	Land No.	Name	Equipment
1.	J. Lynn Stephens - - - - - 1944 Winner—Mills County Shenandoah, Page County, Iowa	Farmall M	18.	Edgar Anderson - - - - - Montgomery County Red Oak, Iowa	Ford-Ferguson
2.	Reuel T. Harman - - - - - 3rd Place, Nebraska State, 1946 Tabor, Mills County, Iowa	Oliver 70	19.	Clarence Engelkemeier - - - - - Cass County Murray, Nebraska	Deere A
4.	Richard Dutton - - - - - Indiana State Winner, 1946 Vincennes, Indiana	Farmall M	20.	Luther Munsinger - - - - - Mills County Tabor, Iowa	Deere A
5.	Ralph S. Hibbs - - - - - Page County Clarinda, Iowa	Farmall M	23.	Harry H. Bashaw - - - - - Montgomery County Villisca, Iowa	Case D. C.
8.	George Yapple - - - - - Page County Braddyville, Iowa	Deere G. M.	24.	Dutch Rikli - - - - - 2nd Place, Nebraska State 1946 Murdock, Nebraska	Farmall M
10.	Frank L. Head - - - - - Fremont County Shenandoah, Iowa	Deere G. M.	26.	John W. Smith - - - - - Burt County Lyons, Nebraska	Farmall M
11.	Ezra Neben - - - - - 1945 Nebraska Winner Murdock, Nebraska	Deere G. M.	27.	Bertel Engstrom - - - - - Page County Essex, Iowa	Ford-Ferguson
13.	Lester J. Lutz - - - - - Sarpy County Papillion, Nebraska	Farmall M	32.	Paul Flowers - - - - - Adams County Corning, Iowa	Farmall M
14.	Junior Fordice - - - - - Taylor County Blockton, Iowa	Farmall M	34.	Paul Brummer - - - - - Pottawattamie County Neola, Iowa	Deere A
15.	Dominic Lickteig - - - - - Shelby County Harlan, Iowa	Deere A	35.	Robert Korthanke - - - - - 2nd Place, Kansas, 1946 Hiawatha, Brown County, Kansas	Deere G. M.
17.	Luther Johannes - - - - - 1st Place, Kansas, 1946 Powhattan, Brown County, Kansas	M.M. UTU	36.	John Stroburg - - - - - Taylor County Blockton, Iowa	Deere G. M.

Land No.	Name	Equipment
37.	Ken Evans - - - - - Mills County Malvern, Iowa	Deere G. M.
38.	Harvey A. Whitehead - - - - - Otoe County Syracuse, Nebraska	Deere A
41.	George Allen - - - - - Cass County Plattsmouth, Nebraska	Deere G. M.

Land No.	Name	Equipment
42.	Norman L. Hull - - - - - Otoe County Palmyra, Nebraska	Farmall M
43.	Hugo Meisinger - - - - - Cass County Plattsmouth, Nebraska	Deere G. M.
46.	Ralph Worthington - - - - - Cass County Cumberland, Iowa	Farmall M

OPEN CLASS

Land No.	Name	Equipment
25.	Palmer Terracing Co. - 99 M Austin-Western	
28.	Palmer Terracing Co. - No. 12 Cat Mot. Grader	
29.	Cappel Machinery Co. - HM 150 Disk Plow	
33.	Paul Peterson - - - - Whirlwind Terracer	
39.	Lancaster Co. S.C.D. - - 2 Ford-Ferguson Plows, Terracer, Blade, Rotary Hoe	

Land No.	Name	Equipment
40.	Warren Gregory Jr. - - - Deere Disk Tiller	
44.	Breeding Imp. & Motor Co. - Deere Disk Tiller	
45.	Leo W. Tyner - - - - Whirlwind Terracer Russell Bird—Operator	

With the aid of a good sound system, complete coverage of the entire contest field made it possible to keep the crowd of 20,000 well-informed on progress and to divide their attention to the various contestants and the system of construction being used. With regard to methods used, the contestants were about evenly divided with half using the wide island method of back-furrowing, known as the Pittinger Method and the other half using the narrow island of cut in furrowing, known as the Mills County Method, with one or two exceptions using methods of their own adaptation.

With other activities, such as Contour line contests, weed identification contests, waterway demonstrations and a demonstration with a rotary scraper filling in the 50-foot gaps between contest lands, the crowd was entertained when not following the contestants.

One of the outstanding features of the day was the address at 2:30 p. m. by Dr. Wm. McClellan, Chairman of Land Resources Council of Mississippi Valley Association. Dr. McClellan's subject was "Soil Conservation—The Problem of Business."

Tracing the results of soil deterioration down through the centuries and showing the relationship of soil productivity to economic advancements, Dr. McClellan praised the efforts of the American farmer, but declared that the farmers must have more assistance from bankers, manufacturers, city labor, commercial men and people in general. He declared that we must erect an all-out national defense

against aggressive nature if we are to continue as a leading agricultural nation.

In closing, Dr. McClellan said, "When we don't conserve our fertile soil, it is unnecessary, heedless, criminal waste, not only serving no good purpose, but, worse than all, crippling our Nation, perhaps forever. Can it be possible we shall be as stupidly blind, and criminally negligent, as other great nations of history, and not take up the task?"

Leaving the program we will briefly discuss the judging procedure and the organization of this phase of the contest.

Ralph C. Hay, Extension Agricultural Engineer of Illinois acted as Chairman of Judges, assisted by Wm. E. Meek, Agricultural Engineer of Delta Branch Experiment Station, Stoneville, Mississippi; C. R. Johnson, Assistant Extension Agricultural Engineer of Iowa; George K. Welty, farmer member, Shenandoah, Iowa; and Professor Chauncey W. Smith, Department of Agricultural Engineering, University of Nebraska.

Each Judge had an alternate that assisted him and each had a Technical Advisor.

The six (6) survey crews made up of Technicians of the Soil Conservation Service were under the direction of District Conservationist Art Thoreson of Council Bluffs, Iowa, and the drafting crews were under the direction of District Conservationist T. J. Powell of Shenandoah, Iowa.

When a contestant completed his terrace, either mold-board or open class, he requested his observer to turn in his time, and parking his equipment at one end of the land, he waited for the survey crew to come and take a typical cross-section. The survey was turned in to the drafting crew where it was plotted on the official score sheet. From this cross-section, the Judge in charge gives the scoring points for Cross-sectional Area of Channel.

Next, the Judge in charge of Tillability measures the front and back slope of terrace ridge, the back slope of channel, and the bottom width of channel and scores this section.

The Judge in charge of Uniformity must go over every contest land with his Alternate and Technical Advisor examining Grade of Ridge, Grade of Channel and Alignment and score such.

In determining the Efficiency Score, the Judge in charge was guided by the A.S.A.E. rules which set forth that the efficiency rating shall be determined by dividing the points earned for terrace quality by the cost of constructing 100 lineal feet of terrace and that a maximum of 25 points can be allocated to efficiency. The judge had two things to do, first, determine the cost of 100 feet of terrace and second, set up a procedure for allocating the efficiency score points.

In this procedure, the Judge referred to Nebraska Bulletin No. 324, "Cost of Tractor Power on Nebraska Farms", to Nebraska Tractor Tests Bulletin No. 338, and to Nebraska Bulletin No. 366, "Costs of Operating Machinery on Nebraska Farms," bringing all costs up to current scales of 1946.

The costs of building 100 lineal feet of terrace for each contestant is set forth under efficiency opposite the cross-sections shown and therefore needs no further explanation. It is of interest to note that the costs per 100 feet of terrace varied from \$1.092 to \$2.50, proving the need for study in the efficient construction of good quality terraces.

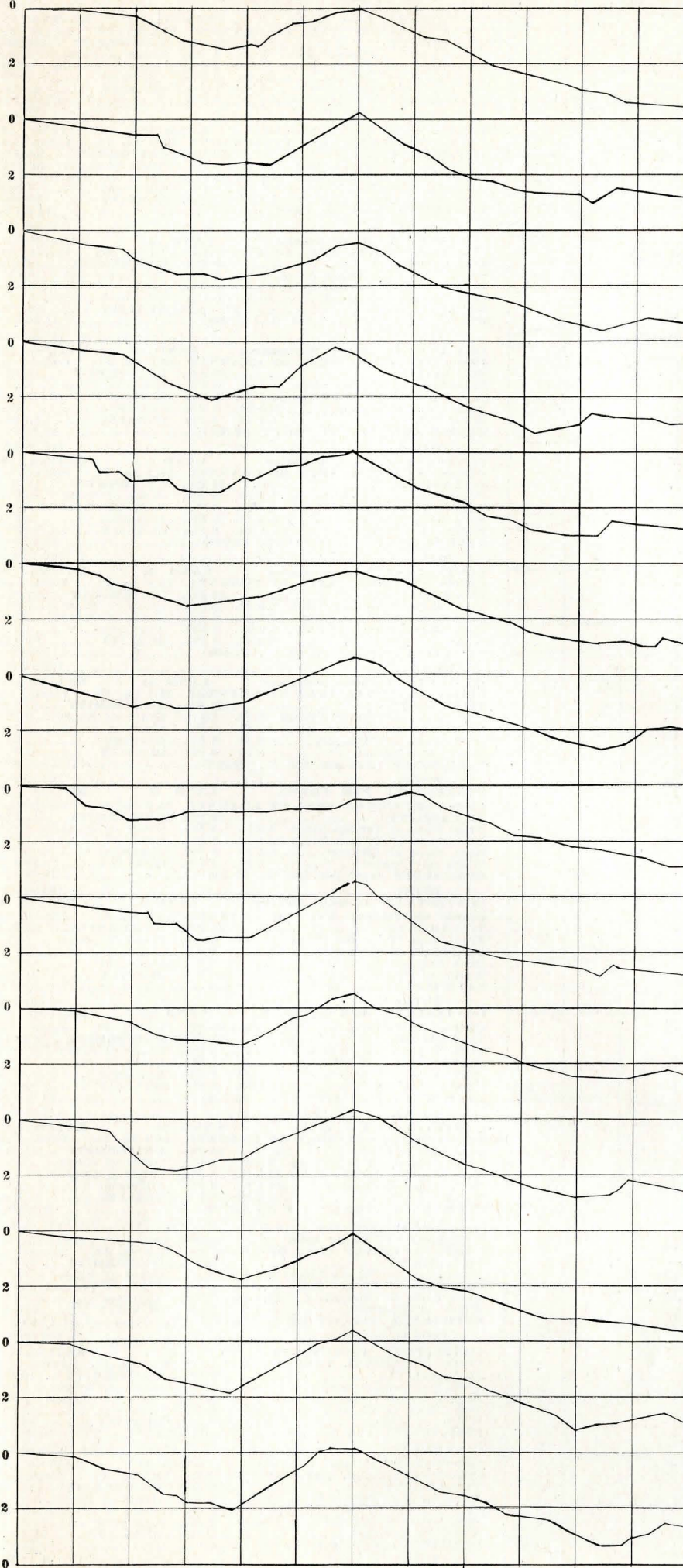
The awards were made at 4:30 p. m. with Bonds to the first five places, and commercial prizes to others.

The Sponsors and Co-Sponsors of this event are deeply indebted to the numerous commercial groups, civic organizations and agricultural groups that contributed to the success of the National Plow Terrace Building Contest, and hope that the demonstration of the terrace as a soil conservation supporting practice may cause this contest to become a major agricultural field event in our nation.

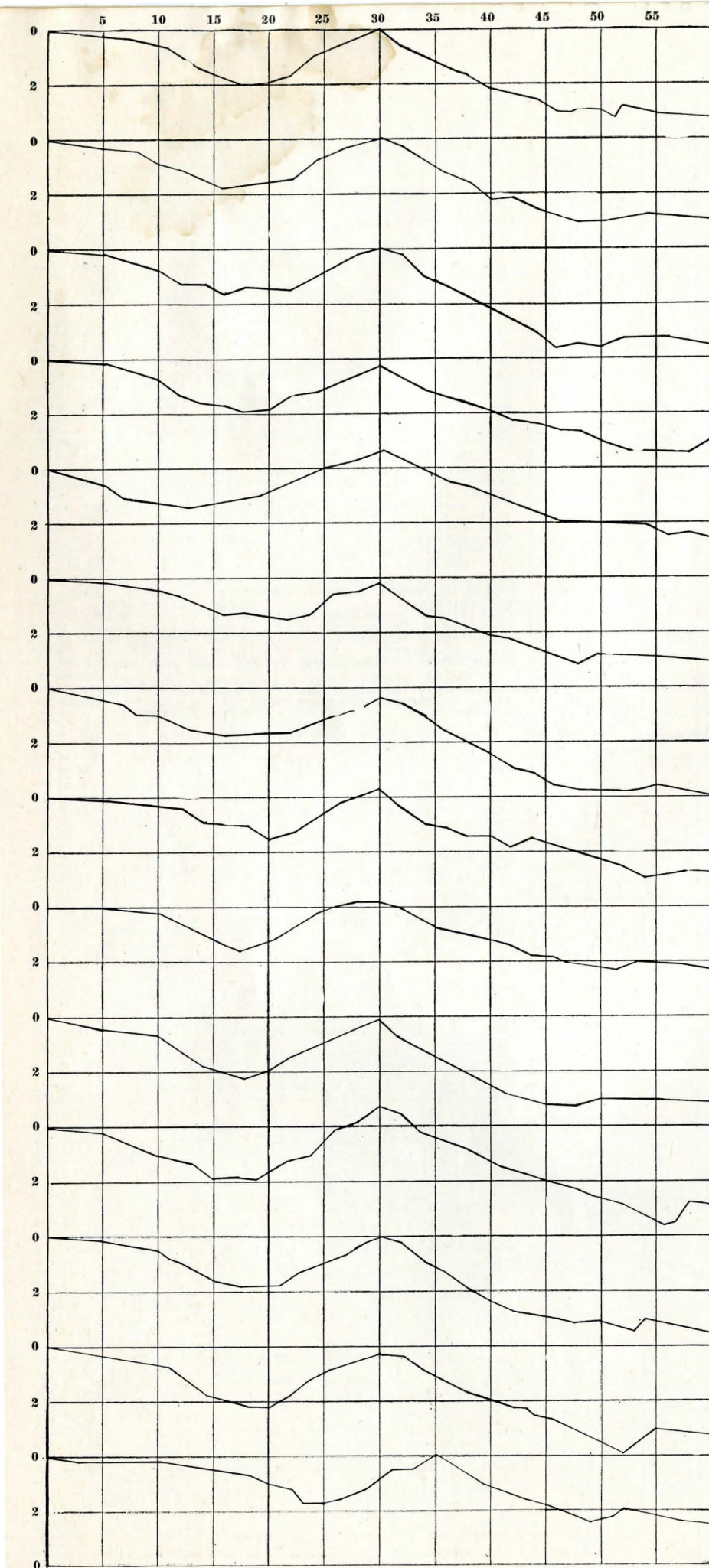
MOLD-BOARD CLASS →



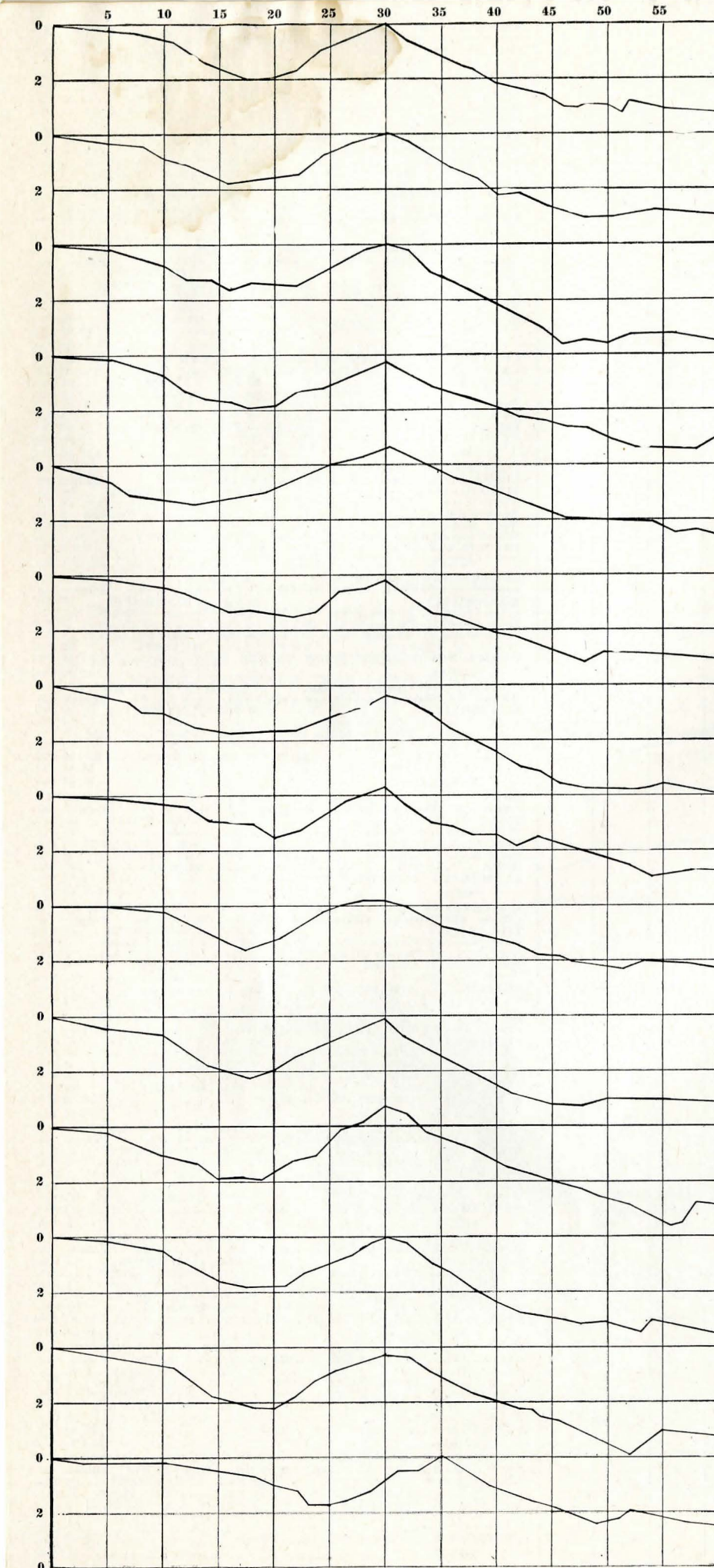
Norman L. Hull of Palmyra, Nebraska, won the 1946 National Plow Terrace championship. He is shown here with Mrs. Hull and their son. Mr. Hull scored 123 out of a possible 125 points.



CONTESTANT Norman L. Hull	LAND 42	RATING 1
CROSS SECTIONAL AREA OF CHANNEL	17.4 Sq. Ft.	Points 50
TILLABILITY	28 Pts.	UNIFORMITY 20 Pts.
Front Slope of Terrace Ridge	9 Ft. 8 Pts.	Grade of Ridge 10 Pts.
Back Slope of Terrace Ridge	24 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	6 Ft. 8 Pts.	Alignment 5 Pts.
Width of Channel	5 Ft. 4 Pts.	QUALITY 98 Pts.
EFFICIENCY (cost per 100 ft. \$ 1.092)		25 Pts.
TOTAL		123 Pts.
CONTESTANT Robert Korthanke	LAND 35	RATING 2
CROSS SECTIONAL AREA OF CHANNEL	32 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 20 Pts.
Front Slope of Terrace Ridge	7.5 Ft. 8 Pts.	Grade of Ridge 10 Pts.
Back Slope of Terrace Ridge	14.0 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	4.0 Ft. 8 Pts.	Alignment 5 Pts.
Width of Channel	6.5 Ft. 6 Pts.	QUALITY 100 Pts.
EFFICIENCY (cost per 100 ft. \$1.470)		18.99 Pts.
TOTAL		118.99 Pts.
CONTESTANT Luther Munsinger	Land 20	Rating 3
CROSS SECTIONAL AREA OF CHANNEL	18.0 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 20 Pts.
Front Slope of Terrace Ridge	8.0 Ft. 8 Pts.	Grade of Ridge 10 Pts.
Back Slope of Terrace Ridge	18.0 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	9.0 Ft. 8 Pts.	Alignment 5 Pts.
Width of Channel	8.0 Ft. 6 Pts.	QUALITY 100 Pts.
EFFICIENCY (cost per 100 ft. \$1.540)		18.09 Pts.
TOTAL		118.09 Pts.
CONTESTANT Clarence Engelkemeier	LAND 19	RATING 4
CROSS SECTIONAL AREA OF CHANNEL	25.5 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 19 Pts.
Front Slope of Terrace Ridge	7.5 Ft. 8 Pts.	Grade of Ridge 10 Pts.
Back Slope of Terrace Ridge	14.0 Ft. 8 Pts.	Grade of Channel 4 Pts.
Back Slope of Channel	6.3 Ft. 8 Pts.	Alignment 5 Pts.
Width of Channel	6.1 Ft. 6 Pts.	QUALITY 99 Pts.
EFFICIENCY (cost per 100 ft. \$1.460)		18.90 Pts.
TOTAL		117.90 Pts.
CONTESTANT Harvey Whitehead	LAND 38	RATING 5
CROSS SECTIONAL AREA OF CHANNEL	19.5 Sq. Ft.	Points 50
TILLABILITY	28.4 Pts.	UNIFORMITY 18 Pts.
Front Slope of Terrace Ridge	11.2 Ft. 8 Pts.	Grade of Ridge 10 Pts.
Back Slope of Terrace Ridge	14.5 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	7.1 Ft. 8 Pts.	Alignment 3 Pts.
Width of Channel	5.2 Ft. 4.4 Pts.	QUALITY 96.4 Pts.
EFFICIENCY (cost per 100 ft. \$1.413)		19.0 Pts.
TOTAL		115.4 Pts.
CONTESTANT John Stroburb	LAND 36	RATING 6
CROSS SECTIONAL AREA OF CHANNEL	16.7 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 18 Pts.
Front Slope of Terrace Ridge	8.5 Ft. 8 Pts.	Grade of Ridge 10 Pts.
Back Slope of Terrace Ridge	18.5 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	7.7 Ft. 8 Pts.	Alignment 3 Pts.
Width of Channel	8.3 Ft. 6 Pts.	QUALITY 98 Pts.
EFFICIENCY (cost per 100 ft. \$1.589)		17.20 Pts.
TOTAL		115.20 Pts.
CONTESTANT Reuel Harman	LAND 2	RATING 7
CROSS SECTIONAL AREA OF CHANNEL	38.4 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 20 Pts.
Front Slope of Terrace Ridge	10 Ft. 8 Pts.	Grade of Ridge 10 Pts.
Back Slope of Terrace Ridge	16 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	9 Ft. 8 Pts.	Alignment 5 Pts.
Width of Channel	11 Ft. 6 Pts.	QUALITY 100 Pts.
EFFICIENCY (cost per 100 ft. \$1.875)		14.85 Pts.
TOTAL		114.85 Pts.
CONTESTANT George Allen	LAND 41	RATING 8
CROSS SECTIONAL AREA OF CHANNEL	18.9 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 20 Pts.
Front Slope of Terrace Ridge	7 Ft. 8 Pts.	Grade of Ridge 10 Pts.
Back Slope of Terrace Ridge	23 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	4 Ft. 8 Pts.	Alignment 5 Pts.
Width of Channel	20 Ft. 6 Pts.	QUALITY 100 Pts.
EFFICIENCY (cost per 100 ft. \$1.881)		14.80 Pts.
TOTAL		114.80 Pts.
CONTESTANT Lester J. Lutz	LAND 13	RATING TIE 9 & 10
CROSS SECTIONAL AREA OF CHANNEL	36.4 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 17 Pts.
Front Slope of Terrace Ridge	8.4 Ft. 8 Pts.	Grade of Ridge 8 Pts.
Back Slope of Terrace Ridge	18.0 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	15.0 Ft. 8 Pts.	Alignment 4 Pts.
Width of Channel	6.5 Ft. 6 Pts.	QUALITY 97 Pts.
EFFICIENCY (cost per 100 ft. \$1.619)		16.75 Pts.
TOTAL		113.75 Pts.
CONTESTANT J. Lynn Stephens	LAND 1	RATING 10
CROSS SECTIONAL AREA OF CHANNEL	31.5 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 17 Pts.
Front Slope of Terrace Ridge	8.5 Ft. 8 Pts.	Grade of Ridge 10 Pts.
Back Slope of Terrace Ridge	18.0 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	9.0 Ft. 8 Pts.	Alignment 5 Pts.
Width of Channel	7.5 Ft. 6 Pts.	QUALITY 97 Pts.
EFFICIENCY (cost per 100 ft. \$1.619)		16.75 Pts.
TOTAL		113.75 Pts.
CONTESTANT Frank L. Head	LAND 10	RATING 11
CROSS SECTIONAL AREA OF CHANNEL	35 Sq. Ft.	Points 50
TILLABILITY	28 Pts.	UNIFORMITY 19 Pts.
Front Slope of Terrace Ridge	12.5 Ft. 8 Pts.	Grade of Ridge 10 Pts.
Back Slope of Terrace Ridge	14.0 Ft. 8 Pts.	Grade of Channel 4 Pts.
Back Slope of Channel	3.0 Ft. 6 Pts.	Alignment 5 Pts.
Width of Channel	6.5 Ft. 6 Pts.	QUALITY 97 Pts.
EFFICIENCY (cost per 100 ft. \$1.675)		16.15 Pts.
TOTAL		113.15 Pts.
CONTESTANT Bertel Engstrom	LAND 27	RATING 12
CROSS SECTIONAL AREA OF CHANNEL	19.1 Sq. Ft.	Points 50
TILLABILITY	27 Pts.	UNIFORMITY 18 Pts.
Front Slope of Terrace Ridge	7.8 Ft. 8 Pts.	Grade of Ridge 9 Pts.
Back Slope of Terrace Ridge	13.0 Ft. 8 Pts.	Grade of Channel 4 Pts.
Back Slope of Channel	7.6 Ft. 8 Pts.	Alignment 5 Pts.
Width of Channel	4.5 Ft. 3 Pts.	QUALITY 95 Pts.
EFFICIENCY (cost per 100 ft. \$1.552)		17.05 Pts.
TOTAL		112.05 Pts.
CONTESTANT Ralph S. Hibbs	LAND 5	RATING 13
CROSS SECTIONAL AREA OF CHANNEL	31.4 Sq. Ft.	Points 50
TILLABILITY	29 Pts.	UNIFORMITY 20 Pts.
Front Slope of Terrace Ridge	9.5 Ft. 8 Pts.	Grade of Ridge 10 Pts.
Back Slope of Terrace Ridge	17.7 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	10.0 Ft. 8 Pts.	Alignment 5 Pts.
Width of Channel	5.5 Ft. 5 Pts.	QUALITY 99 Pts.
EFFICIENCY (cost per 100 ft. \$2.155)		12.84 Pts.
TOTAL		111.84 Pts.
CONTESTANT George Yaple	LAND 8	RATING 14
CROSS SECTIONAL AREA OF CHANNEL	28.6 Sq. Ft.	Points 50
TILLABILITY	29 Pts.	UNIFORMITY 18 Pts.
Front Slope of Terrace Ridge	8.3 Ft. 8 Pts.	Grade of Ridge 10 Pts.
Back Slope of Terrace Ridge	12.4 Ft. 8 Pts.	Grade of Channel 3 Pts.
Back Slope of Channel	10.0 Ft. 8 Pts.	Alignment 5 Pts.
Width of Channel	5.5 Ft. 5 Pts.	QUALITY 97 Pts.
EFFICIENCY (cost per 100 ft. \$1.355)		14.6 Pts.
TOTAL		111.60

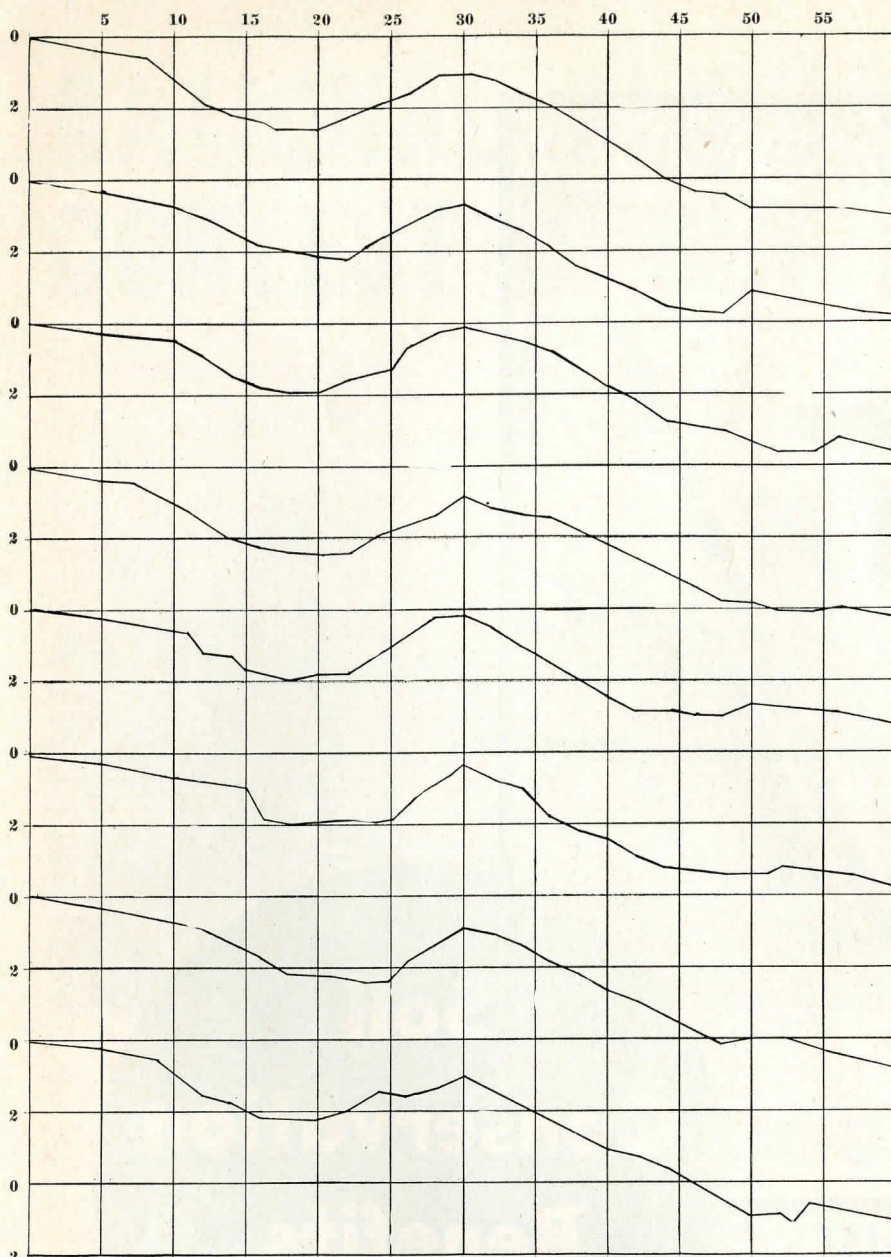


CONTESTANT	Ezra Nebel	LAND 11	RATING 15
CROSS SECTIONAL AREA OF CHANNEL	27.0 Sq. Ft.	Points 50	
TILLABILITY	30 Pts.	UNIFORMITY	16 Pts.
Front Slope of Terrace Ridge	8 Ft. 8 Pts.	Grade of Ridge	7 Pts.
Back Slope of Terrace Ridge	15 Ft. 8 Pts.	Grade of Channel	5 Pts.
Back Slope of Channel	10 Ft. 8 Pts.	Alignment	4 Pts.
Width of Channel	6 Ft. 6 Pts.	QUALITY	96 Pts.
EFFICIENCY (cost per 100 ft., \$1.730)			15.49 Pts.
TOTAL			111.49 Pts.
CONTESTANT	Luther Johannes	LAND 17	RATING 16
CROSS SECTIONAL AREA OF CHANNEL	26.4 Sq. Ft.	Points 50	
TILLABILITY	30 Pts.	UNIFORMITY	16 Pts.
Front Slope of Terrace Ridge	8.1 Ft. 8 Pts.	Grade of Ridge	10 Pts.
Back Slope of Terrace Ridge	16.0 Ft. 8 Pts.	Grade of Channel	2 Pts.
Back Slope of Channel	6.0 Ft. 8 Pts.	Alignment	4 Pts.
Width of Channel	7.8 Ft. 6 Pts.	QUALITY	96 Pts.
EFFICIENCY (cost per 100 ft., \$1.832)			14.6 Pts.
TOTAL			110.60 Pts.
CONTESTANT	Harry Bashaw	LAND 23	RATING 17
CROSS SECTIONAL AREA OF CHANNEL	25.1 Sq. Ft.	Points 50	
TILLABILITY	30 Pts.	UNIFORMITY	19 Pts.
Front Slope of Terrace Ridge	8 Ft. 8 Pts.	Grade of Ridge	9 Pts.
Back Slope of Terrace Ridge	16 Ft. 8 Pts.	Grade of Channel	5 Pts.
Back Slope of Channel	10 Ft. 8 Pts.	Alignment	5 Pts.
Width of Channel	7 Ft. 6 Pts.	QUALITY	99 Pts.
EFFICIENCY (cost per 100 ft., \$2.400)			11.50 Pts.
TOTAL			110.50 Pts.
CONTESTANT	Ralph Worthington	LAND 46	RATING 18
CROSS SECTIONAL AREA OF CHANNEL	22.7 Sq. Ft.	Points 50	
TILLABILITY	30 Pts.	UNIFORMITY	18 Pts.
Front Slope of Terrace Ridge	9.3 Ft. 8 Pts.	Grade of Ridge	8 Pts.
Back Slope of Terrace Ridge	19.8 Ft. 8 Pts.	Grade of Channel	5 Pts.
Back Slope of Channel	9.0 Ft. 8 Pts.	Alignment	5 Pts.
Width of Channel	6.7 Ft. 6 Pts.	QUALITY	98 Pts.
EFFICIENCY (cost per 100 ft., \$2.205)			12.38 Pts.
TOTAL			110.38 Pts.
CONTESTANT	Richard Dutton	LAND 4	RATING 19
CROSS SECTIONAL AREA OF CHANNEL	38.7 Sq. Ft.	Points 50	
TILLABILITY	30 Pts.	UNIFORMITY	18 Pts.
Front Slope of Terrace Ridge	13.0 Ft. 8 Pts.	Grade of Ridge	10 Pts.
Back Slope of Terrace Ridge	16.0 Ft. 8 Pts.	Grade of Channel	5 Pts.
Back Slope of Channel	9.5 Ft. 8 Pts.	Alignment	3 Pts.
Width of Channel	7.5 Ft. 6 Pts.	QUALITY	98 Pts.
EFFICIENCY (cost per 100 ft., \$2.265)			12.10 Pts.
TOTAL			110.10 Pts.
CONTESTANT	Paul Brummer	LAND 34	RATING 20
CROSS SECTIONAL AREA OF CHANNEL	16.5 Sq. Ft.	Points 50	
TILLABILITY	30 Pts.	UNIFORMITY	12 Pts.
Front Slope of Terrace Ridge	6.0 Ft. 8 Pts.	Grade of Ridge	7 Pts.
Back Slope of Terrace Ridge	15.5 Ft. 8 Pts.	Grade of Channel	3 Pts.
Back Slope of Channel	6.0 Ft. 8 Pts.	Alignment	2 Pts.
Width of Channel	8.0 Ft. 6 Pts.	QUALITY	92 Pts.
EFFICIENCY (cost per 100 ft., \$1.465)			17.54 Pts.
TOTAL			109.54 Pts.
CONTESTANT	Hugo Meisinger	LAND 43	RATING 21
CROSS SECTIONAL AREA OF CHANNEL	21.7 Sq. Ft.	Points 50	
TILLABILITY	30 Pts.	UNIFORMITY	16 Pts.
Front Slope of Terrace Ridge	8 Ft. 8 Pts.	Grade of Ridge	7 Pts.
Back Slope of Terrace Ridge	16 Ft. 8 Pts.	Grade of Channel	5 Pts.
Back Slope of Channel	9 Ft. 8 Pts.	Alignment	4 Pts.
Width of Channel	8 Ft. 6 Pts.	QUALITY	96 Pts.
EFFICIENCY (cost per 100 ft., \$2.010)			13.35 Pts.
TOTAL			109.35 Pts.
CONTESTANT	Paul Flowers	LAND 32	RATING 22
CROSS SECTIONAL AREA OF CHANNEL	25.6 Sq. Ft.	Points 50	
TILLABILITY	28 Pts.	UNIFORMITY	11 Pts.
Front Slope of Terrace Ridge	6.8 Ft. 8 Pts.	Grade of Ridge	6 Pts.
Back Slope of Terrace Ridge	22.4 Ft. 8 Pts.	Grade of Channel	2 Pts.
Back Slope of Channel	6.1 Ft. 8 Pts.	Alignment	3 Pts.
Width of Channel	5.0 Ft. 4 Pts.	QUALITY	89 Pts.
EFFICIENCY (cost per 100 ft., \$1.265)			19.60 Pts.
TOTAL			108.60 Pts.
CONTESTANT	Dominic Lickteig	LAND 15	RATING 23
CROSS SECTIONAL AREA OF CHANNEL	20.0 Sq. Ft.	Points 50	
TILLABILITY	28 Pts.	UNIFORMITY	16 Pts.
Front Slope of Terrace Ridge	8.3 Ft. 8 Pts.	Grade of Ridge	7 Pts.
Back Slope of Terrace Ridge	18.3 Ft. 8 Pts.	Grade of Channel	5 Pts.
Back Slope of Channel	5.2 Ft. 8 Pts.	Alignment	4 Pts.
Width of Channel	5.0 Ft. 4 Pts.	QUALITY	94 Pts.
EFFICIENCY (cost per 100 ft., \$1.870)			14.01 Pts.
TOTAL			108.01 Pts.
CONTESTANT	John W. Smith	LAND 26	RATING 24
CROSS SECTIONAL AREA OF CHANNEL	27.3 Sq. Ft.	Points 50	
TILLABILITY	27 Pts.	UNIFORMITY	16 Pts.
Front Slope of Terrace Ridge	9.6 Ft. 8 Pts.	Grade of Ridge	8 Pts.
Back Slope of Terrace Ridge	14.0 Ft. 8 Pts.	Grade of Channel	5 Pts.
Back Slope of Channel	6.0 Ft. 8 Pts.	Alignment	3 Pts.
Width of Channel	4.5 Ft. 3 Pts.	QUALITY	93 Pts.
EFFICIENCY (cost per 100 ft., \$1.769)			14.65 Pts.
TOTAL			107.65 Pts.
CONTESTANT	Ken Evans	LAND 37	RATING 25
CROSS SECTIONAL AREA OF CHANNEL	46.8 Sq. Ft.	Points 50	
TILLABILITY	30 Pts.	UNIFORMITY	14 Pts.
Front Slope of Terrace Ridge	9.5 Ft. 8 Pts.	Grade of Ridge	6 Pts.
Back Slope of Terrace Ridge	21.5 Ft. 8 Pts.	Grade of Channel	4 Pts.
Back Slope of Channel	14.1 Ft. 8 Pts.	Alignment	4 Pts.
Width of Channel	6.3 Ft. 6 Pts.	QUALITY	94 Pts.
EFFICIENCY (cost per 100 ft., \$2.500)			10.50 Pts.
TOTAL			104.50 Pts.
CONTESTANT	Dutch Rikli	LAND 24	RATING 26
CROSS SECTIONAL AREA OF CHANNEL	24.3 Sq. Ft.	Points 50	
TILLABILITY	30 Pts.	UNIFORMITY	12 Pts.
Front Slope of Terrace Ridge	8.5 Ft. 8 Pts.	Grade of Ridge	7 Pts.
Back Slope of Terrace Ridge	16.0 Ft. 8 Pts.	Grade of Channel	2 Pts.
Back Slope of Channel	13.8 Ft. 8 Pts.	Alignment	3 Pts.
Width of Channel	6.5 Ft. 6 Pts.	QUALITY	92 Pts.
EFFICIENCY (cost per 100 ft., \$2.321)			11.05 Pts.
TOTAL			103.05 Pts.
CONTESTANT	Junior Fordice	LAND 14	RATING 27
CROSS SECTIONAL AREA OF CHANNEL	22.9 Sq. Ft.	Points 50	
TILLABILITY	28 Pts.	UNIFORMITY	10 Pts.
Front Slope of Terrace Ridge	9.0 Ft. 8 Pts.	Grade of Ridge	5 Pts.
Back Slope of Terrace Ridge	17.4 Ft. 8 Pts.	Grade of Channel	2 Pts.
Back Slope of Channel	11.0 Ft. 8 Pts.	Alignment	3 Pts.
Width of Channel	5.0 Ft. 4 Pts.	QUALITY	88 Pts.
EFFICIENCY (cost per 100 ft., \$1.995)			12.30 Pts.
TOTAL			100.30 Pts.
CONTESTANT	Edgar Anderson	LAND 18	RATING 28
CROSS SECTIONAL AREA OF CHANNEL	23.5 Sq. Ft.	Points 50	
TILLABILITY	21.2 Pts.	UNIFORMITY	13 Pts.
Front Slope of Terrace Ridge	7.5 Ft. 8 Pts.	Grade of Ridge	6 Pts.
Back Slope of Terrace Ridge	10.7 Ft. 1.2 Pts.	Grade of Channel	4 Pts.
Back Slope of Channel	12.5 Ft. 8 Pts.	Alignment	3 Pts.
Width of Channel	5.0 Ft. 4 Pts.	QUALITY	84.2 Pts.
EFFICIENCY (cost per 100 ft., \$1.683)			13.95 Pts.
TOTAL			98.15 Pts.



CONTESTANT Ezra Neben	LAND 11	RATING 15
CROSS SECTIONAL AREA OF CHANNEL	27.0 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 16 Pts.
Front Slope of Terrace Ridge	8 Ft. 8 Pts.	Grade of Ridge 7 Pts.
Back Slope of Terrace Ridge	15 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	10 Ft. 8 Pts.	Alignment 4 Pts.
Width of Channel	6 Ft. 6 Pts.	QUALITY 96 Pts.
EFFICIENCY (cost per 100 ft., \$1.730)		15.49 Pts.
TOTAL		111.49 Pts.
CONTESTANT Luther Johannes	LAND 17	RATING 16
CROSS SECTIONAL AREA OF CHANNEL	26.4 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 16 Pts.
Front Slope of Terrace Ridge	8.1 Ft. 8 Pts.	Grade of Ridge 10 Pts.
Back Slope of Terrace Ridge	16.0 Ft. 8 Pts.	Grade of Channel 2 Pts.
Back Slope of Channel	6.0 Ft. 8 Pts.	Alignment 4 Pts.
Width of Channel	7.8 Ft. 6 Pts.	QUALITY 96 Pts.
EFFICIENCY (cost per 100 ft., \$1.832)		14.6 Pts.
TOTAL		110.60 Pts.
CONTESTANT Harry Bashaw	LAND 23	RATING 17
CROSS SECTIONAL AREA OF CHANNEL	25.1 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 19 Pts.
Front Slope of Terrace Ridge	8 Ft. 8 Pts.	Grade of Ridge 9 Pts.
Back Slope of Terrace Ridge	16 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	10 Ft. 8 Pts.	Alignment 5 Pts.
Width of Channel	7 Ft. 6 Pts.	QUALITY 99 Pts.
EFFICIENCY (cost per 100 ft., \$2.400)		11.50 Pts.
TOTAL		110.50 Pts.
CONTESTANT Ralph Worthington	LAND 46	RATING 18
CROSS SECTIONAL AREA OF CHANNEL	22.7 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 18 Pts.
Front Slope of Terrace Ridge	9.3 Ft. 8 Pts.	Grade of Ridge 8 Pts.
Back Slope of Terrace Ridge	19.8 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	9.0 Ft. 8 Pts.	Alignment 5 Pts.
Width of Channel	6.7 Ft. 6 Pts.	QUALITY 98 Pts.
EFFICIENCY (cost per 100 ft., \$2.205)		12.38 Pts.
TOTAL		110.38 Pts.
CONTESTANT Richard Dutton	LAND 4	RATING 19
CROSS SECTIONAL AREA OF CHANNEL	38.7 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 18 Pts.
Front Slope of Terrace Ridge	13.0 Ft. 8 Pts.	Grade of Ridge 10 Pts.
Back Slope of Terrace Ridge	16.0 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	9.5 Ft. 8 Pts.	Alignment 3 Pts.
Width of Channel	7.5 Ft. 6 Pts.	QUALITY 98 Pts.
EFFICIENCY (cost per 100 ft., \$2.265)		12.10 Pts.
TOTAL		110.10 Pts.
CONTESTANT Paul Brummer	LAND 34	RATING 20
CROSS SECTIONAL AREA OF CHANNEL	16.5 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 12 Pts.
Front Slope of Terrace Ridge	6.0 Ft. 8 Pts.	Grade of Ridge 7 Pts.
Back Slope of Terrace Ridge	15.5 Ft. 8 Pts.	Grade of Channel 3 Pts.
Back Slope of Channel	6.0 Ft. 8 Pts.	Alignment 2 Pts.
Width of Channel	8.0 Ft. 6 Pts.	QUALITY 92 Pts.
EFFICIENCY (cost per 100 ft., \$1.465)		17.54 Pts.
TOTAL		109.54 Pts.
CONTESTANT Hugo Meisinger	LAND 43	RATING 21
CROSS SECTIONAL AREA OF CHANNEL	21.7 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 16 Pts.
Front Slope of Terrace Ridge	8 Ft. 8 Pts.	Grade of Ridge 7 Pts.
Back Slope of Terrace Ridge	16 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	9 Ft. 8 Pts.	Alignment 4 Pts.
Width of Channel	8 Ft. 6 Pts.	QUALITY 96 Pts.
EFFICIENCY (cost per 100 ft., \$2.010)		13.35 Pts.
TOTAL		109.35 Pts.
CONTESTANT Paul Flowers	LAND 32	RATING 22
CROSS SECTIONAL AREA OF CHANNEL	25.6 Sq. Ft.	Points 50
TILLABILITY	28 Pts.	UNIFORMITY 11 Pts.
Front Slope of Terrace Ridge	6.8 Ft. 8 Pts.	Grade of Ridge 6 Pts.
Back Slope of Terrace Ridge	22.4 Ft. 8 Pts.	Grade of Channel 2 Pts.
Back Slope of Channel	6.1 Ft. 8 Pts.	Alignment 3 Pts.
Width of Channel	5.0 Ft. 4 Pts.	QUALITY 89 Pts.
EFFICIENCY (cost per 100 ft., \$1.265)		19.60 Pts.
TOTAL		108.60 Pts.
CONTESTANT Dominic Lickteig	LAND 15	RATING 23
CROSS SECTIONAL AREA OF CHANNEL	20.0 Sq. Ft.	Points 50
TILLABILITY	28 Pts.	UNIFORMITY 16 Pts.
Front Slope of Terrace Ridge	8.3 Ft. 8 Pts.	Grade of Ridge 7 Pts.
Back Slope of Terrace Ridge	18.3 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	5.2 Ft. 8 Pts.	Alignment 4 Pts.
Width of Channel	5.0 Ft. 4 Pts.	QUALITY 94 Pts.
EFFICIENCY (cost per 100 ft., \$1.870)		14.01 Pts.
TOTAL		108.01 Pts.
CONTESTANT John W. Smith	LAND 26	RATING 24
CROSS SECTIONAL AREA OF CHANNEL	27.3 Sq. Ft.	Points 50
TILLABILITY	27 Pts.	UNIFORMITY 16 Pts.
Front Slope of Terrace Ridge	9.6 Ft. 8 Pts.	Grade of Ridge 8 Pts.
Back Slope of Terrace Ridge	14.0 Ft. 8 Pts.	Grade of Channel 5 Pts.
Back Slope of Channel	6.0 Ft. 8 Pts.	Alignment 3 Pts.
Width of Channel	4.5 Ft. 3 Pts.	QUALITY 93 Pts.
EFFICIENCY (cost per 100 ft., \$1.769)		14.65 Pts.
TOTAL		107.65 Pts.
CONTESTANT Ken Evans	LAND 37	RATING 25
CROSS SECTIONAL AREA OF CHANNEL	46.8 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 14 Pts.
Front Slope of Terrace Ridge	9.5 Ft. 8 Pts.	Grade of Ridge 6 Pts.
Back Slope of Terrace Ridge	21.5 Ft. 8 Pts.	Grade of Channel 4 Pts.
Back Slope of Channel	14.1 Ft. 8 Pts.	Alignment 4 Pts.
Width of Channel	6.3 Ft. 6 Pts.	QUALITY 94 Pts.
EFFICIENCY (cost per 100 ft., \$2.500)		10.50 Pts.
TOTAL		104.50 Pts.
CONTESTANT Dutch Rikli	LAND 24	RATING 26
CROSS SECTIONAL AREA OF CHANNEL	24.3 Sq. Ft.	Points 50
TILLABILITY	30 Pts.	UNIFORMITY 12 Pts.
Front Slope of Terrace Ridge	8.5 Ft. 8 Pts.	Grade of Ridge 7 Pts.
Back Slope of Terrace Ridge	16.0 Ft. 8 Pts.	Grade of Channel 2 Pts.
Back Slope of Channel	13.8 Ft. 8 Pts.	Alignment 3 Pts.
Width of Channel	6.5 Ft. 6 Pts.	QUALITY 92 Pts.
EFFICIENCY (cost per 100 ft., \$2.321)		11.05 Pts.
TOTAL		103.05 Pts.
CONTESTANT Junior Fordice	LAND 14	RATING 27
CROSS SECTIONAL AREA OF CHANNEL	22.9 Sq. Ft.	Points 50
TILLABILITY	28 Pts.	UNIFORMITY 10 Pts.
Front Slope of Terrace Ridge	9.0 Ft. 8 Pts.	Grade of Ridge 5 Pts.
Back Slope of Terrace Ridge	17.4 Ft. 8 Pts.	Grade of Channel 2 Pts.
Back Slope of Channel	11.0 Ft. 8 Pts.	Alignment 3 Pts.
Width of Channel	5.0 Ft. 4 Pts.	QUALITY 88 Pts.
EFFICIENCY (cost per 100 ft., \$1.995)		12.30 Pts.
TOTAL		100.30 Pts.
CONTESTANT Edgar Anderson	LAND 18	RATING 28
CROSS SECTIONAL AREA OF CHANNEL	23.5 Sq. Ft.	Points 50
TILLABILITY	21.2 Pts.	UNIFORMITY 13 Pts.
Front Slope of Terrace Ridge	7.5 Ft. 8 Pts.	Grade of Ridge 6 Pts.
Back Slope of Terrace Ridge	10.7 Ft. 1.2 Pts.	Grade of Channel 4 Pts.
Back Slope of Channel	12.5 Ft. 8 Pts.	Alignment 3 Pts.
Width of Channel	5.0 Ft. 4 Pts.	QUALITY 84.2 Pts.
EFFICIENCY (cost per 100 ft., \$1.683)		13.95 Pts.
TOTAL		98.15 Pts.

OPEN CLASS



CONTESTANT Leo W. Tyner (Russel Bird, Operator) **LAND 45** **RATING 1**
CROSS SECTIONAL AREA OF CHANNEL 18.8 Sq. Ft. **Points 50**
TILLABILITY 30 Pts. **UNIFORMITY** ... 20 Pts.
 Front Slope of Terrace Ridge 8.2 Ft. 8 Pts. Grade of Ridge ... 10 Pts.
 Back Slope of Terrace Ridge 20.0 Ft. 8 Pts. Grade of Channel 5 Pts.
 Back Slope of Channel 7.0 Ft. 8 Pts. Alignment 5 Pts.
 Width of Channel 6.7 Ft. 6 Pts. **QUALITY** 100 Pts.

CONTESTANT Paul R. Peterson **LAND 33** **RATING 2 & 3 Tie**
CROSS SECTIONAL AREA OF CHANNEL 24.3 Sq. Ft. **Points 50**
TILLABILITY 30 Pts. **UNIFORMITY** ... 17 Pts.
 Front Slope of Terrace Ridge 8.3 Ft. 8 Pts. Grade of Ridge ... 9 Pts.
 Back Slope of Terrace Ridge 19.5 Ft. 8 Pts. Grade of Channel 4 Pts.
 Back Slope of Channel 5.0 Ft. 8 Pts. Alignment 47 Pts.
 Width of Channel 6.7 Ft. 6 Pts. **QUALITY** 97 Pts.

CONTESTANT Breeding Imp. & Motor Co. **LAND 44** **RATING 3 Tie**
CROSS SECTIONAL AREA OF CHANNEL 16.0 Sq. Ft. **Points 50**
TILLABILITY 27 Pts. **UNIFORMITY** ... 20 Pts.
 Front Slope of Terrace Ridge 6.7 Ft. 8 Pts. Grade of Ridge ... 10 Pts.
 Back Slope of Terrace Ridge 12.5 Ft. 5 Pts. Grade of Channel 5 Pts.
 Back Slope of Channel 7.0 Ft. 8 Pts. Alignment 5 Pts.
 Width of Channel 6.2 Ft. 6 Pts. **QUALITY** 97 Pts.

CONTESTANT Palmer Terracing Co. **LAND 28** **RATING 4**
CROSS SECTIONAL AREA OF CHANNEL 22.0 Sq. Ft. **Points 50**
TILLABILITY 30 Pts. **UNIFORMITY** ... 16 Pts.
 Front Slope of Terrace Ridge 7.2 Ft. 8 Pts. Grade of Ridge ... 7 Pts.
 Back Slope of Terrace Ridge 20.8 Ft. 8 Pts. Grade of Channel 5 Pts.
 Back Slope of Channel 9.0 Ft. 8 Pts. Alignment 4 Pts.
 Width of Channel 6.8 Ft. 6 Pts. **QUALITY** 96 Pts.

CONTESTANT Warren Gregory Jr. **LAND 40** **RATING 5**
CROSS SECTIONAL AREA OF CHANNEL 23.6 Sq. Ft. **Points 50**
TILLABILITY 24.2 Pts. **UNIFORMITY** ... 20 Pts.
 Front Slope of Terrace Ridge 8.0 Ft. 8 Pts. Grade of Ridge ... 10 Pts.
 Back Slope of Terrace Ridge 11.1 Ft. 2.2 Pts. Grade of Channel 5 Pts.
 Back Slope of Channel 6.0 Ft. 8 Pts. Alignment 5 Pts.
 Width of Channel 6.0 Ft. 6 Pts. **QUALITY** 94.2 Pts.

CONTESTANT Lancaster Co., S.C.D. **LAND 39** **RATING 6**
CROSS SECTIONAL AREA OF CHANNEL 21.6 Sq. Ft. **Points 50**
TILLABILITY 28 Pts. **UNIFORMITY** ... 15 Pts.
 Front Slope of Terrace Ridge 5.0 Ft. 6 Pts. Grade of Ridge ... 7 Pts.
 Back Slope of Terrace Ridge 14.0 Ft. 8 Pts. Grade of Channel 4 Pts.
 Back Slope of Channel 11.0 Ft. 8 Pts. Alignment 4 Pts.
 Width of Channel 9.0 Ft. 6 Pts. **QUALITY** 93 Pts.

CONTESTANT Palmer Terracing Co. **LAND 25** **RATING 7**
CROSS SECTIONAL AREA OF CHANNEL 15.6 Sq. Ft. **Points 48**
TILLABILITY 27.4 Pts. **UNIFORMITY** ... 17 Pts.
 Front Slope of Terrace Ridge 4.7 Ft. 5.4 Pts. Grade of Ridge ... 10 Pts.
 Back Slope of Terrace Ridge 17.0 Ft. 8 Pts. Grade of Channel 2 Pts.
 Back Slope of Channel 8.0 Ft. 8 Pts. Alignment 5 Pts.
 Width of Channel 7.2 Ft. 6 Pts. **QUALITY** 92.4 Pts.

CONTESTANT Cappel Mach. Co. **LAND 29** **RATING 8**
CROSS SECTIONAL AREA OF CHANNEL 14.5 Sq. Ft. **Points 40**
TILLABILITY 30 Pts. **UNIFORMITY** ... 17 Pts.
 Front Slope of Terrace Ridge 8.5 Ft. 8 Pts. Grade of Ridge ... 7 Pts.
 Back Slope of Terrace Ridge 18.5 Ft. 8 Pts. Grade of Channel 5 Pts.
 Back Slope of Channel 6.5 Ft. 8 Pts. Alignment 5 Pts.
 Width of Channel 6.0 Ft. 6 Pts. **QUALITY** 87 Pts.

← MOLD-BOARD CLASS

Here are the first place winners. Winning first was Norman L. Hull (extreme right) of Palmyra, Nebraska . . . Others, left to right, are Harvey Whitehead, Syracuse, Neb., fifth; Clarence Engelkemeier, Murray, Neb., fourth; Luther Munsinger, Tabor, Iowa, third; and Robert Korthanke, Hiawatha, Kans., second.





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- SAVES THE LAND
- INCREASES CROP YIELDS
- BOOSTS INCOMES
- HELPS THE COMMUNITY
- HELPS THE NATION
- MAKES A BETTER WORLD

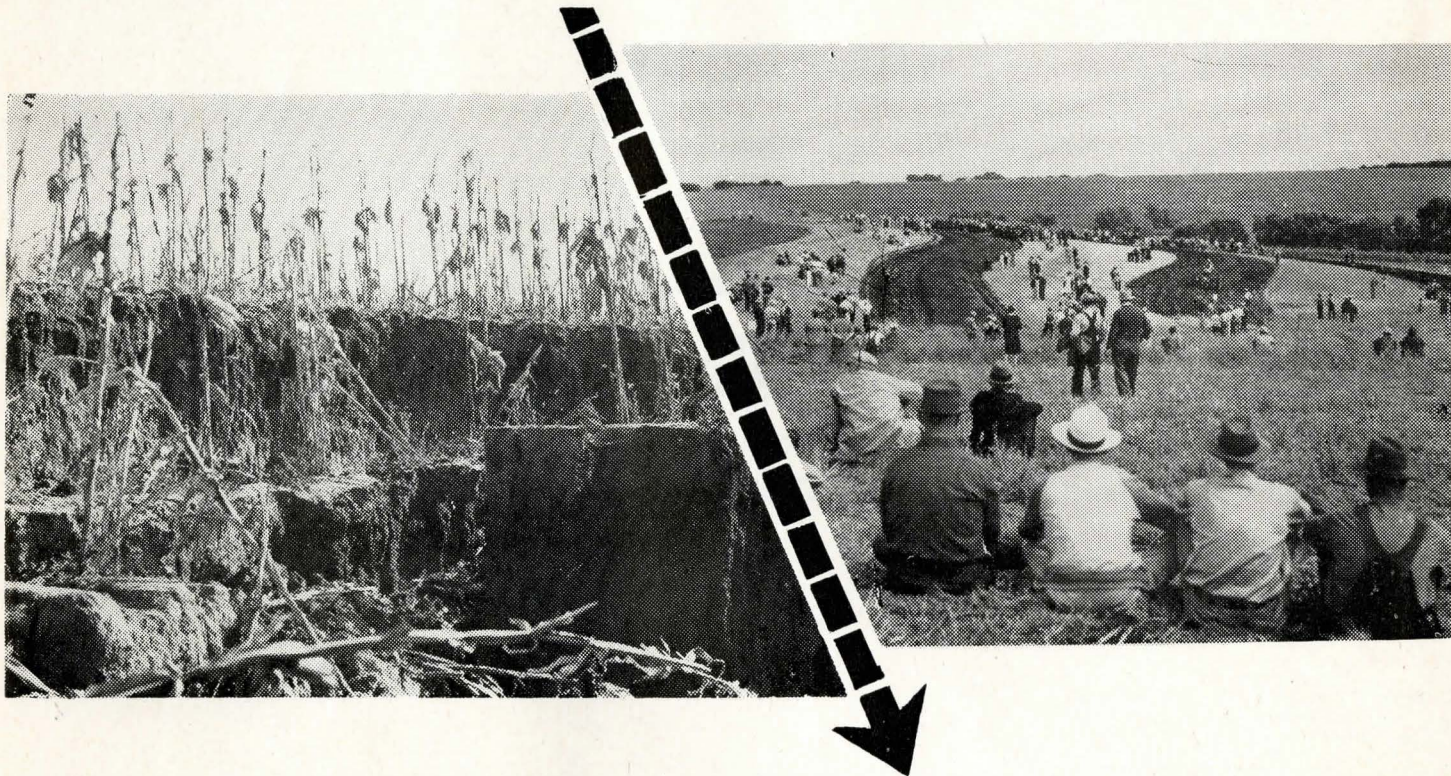
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CASS COUNTY, NEBRASKA
AUGUST 27, 1947

Alvin Oehlerking Farm

4 Miles West of Weeping Water
ON HIGHWAY No. 1

115 - Acre Tract To Be Terraced

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