

# W G C S A

Wisconsin Golf Course Superintendents Assn.



# GOLF

VOL. I, NO. 2

MAY, 1966



## MAY GOLF MEETING

May 9th  
Hartford C.C.

•  
Golf, Dinner, Meeting  
•

Speaker Subject:  
LABOR LAWS

Bits

and

Banter

by PETER MILLER

I am glad to see that many of you attended the Wisconsin Turfgrass Convention. It was a good convention, something that surely we superintendents should support wholeheartedly, and we should also give our thanks to Prof. Robert Newman of the Horticulture Dept. for the fine job he did in organizing it.

It was too bad that the U.S.G.A. irrigation clinic and the turf conference fell at the same time. I heard that the clinic was very good, and I am sorry that I was unable to attend. The Ryerson meeting at the North Shore C.C. was well attended—if I counted right there were 69 for dinner. We received an extra bonus: O. J. Noer was the speaker, showing his excellent slides with his very vivid comments. Thank you, O. J., and also the Ryerson Company and the North Shore C.C. for making possible a very excellent meeting.

Looks like the weather will warm up now; 'bout time! I keep thinking warm weather will help my greens. Then maybe they will look as good as everybody else's.

## ○ SELL'S CELL ○

by WILLIAM SELL

It looks like 1966 is the year for club house remodeling in the Milwaukee area. From what I've seen and heard, Ozaukee C.C., North Hills C.C., and Tripoli C.C. are in the process.

Wouldn't it be nice if in the near future clubs would allow the Superintendent to remodel or build new the old farm barn into a golf course maintenance building?

Charlie Shiley, Superintendent at North Hills C.C., recently purchased a Davis T-78 trenching machine for an extensive tiling project at the Menomonee Falls course—a fine piece of equipment that most every golf course could make use of.

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# WEIGHTS and MEASURES

This is a table which every superintendent should have within easy reach. Hopefully you will find use for it.

## VOLUME:

- 1 liter = 1.056 qts.
- 1 gallon = 231 cu. in. or .1337 cu. ft.
- 1 gallon weighs 8.33 pounds
- 1 million gallons = 3.0689 Acre feet
- 1 cu. ft. = 1728 cu. in. or 7.48 gal.
- 1 cu. ft. weighs 62.4 pounds
- 1 g.p.m. = .00223 cu. ft./sec. or 1440 gal./day
- 1 m.g.d. = 1.547 cu. ft./sec. or 695 gal./min.
- 1 cu. ft./sec. = 7.48 gal./sec. or 448.8 g.p.m. or 646,272 g.p.d. or .992 Acre inch/hr.
- 1 acre inch/day requires 18.7 g.p.m. cont. flow
- 1 cu. ft. = 1,728 cu. in.
- 1 cu. yd. = 27 cu. ft.
- 1 Acre ft. = 1,613 cu. yds.
- 1 sq. yd. = 9 sq. ft.
- 1 Acre = 4,840 sq. yds.
- 1 Acre = 43,560 sq. ft.
- 1 pt. = 16 oz.
- 1 qt. = 32 oz.
- 1 gal. = 128 oz.
- 1 oz./1,000 = 2.72 pts./Acre
- 1 gal./1,000 sq. ft. = 43.6 gal./Acre

## AREA:

- Circumference of a circle  $C = d \times 3.1416$
- Dia of a circle  $D = c \times .3183$
- Area of a circle  $A = d^2 \times .7854$  or  $A = r^2 \times 3.1416$
- Area of a rectangle  $A = L \times W$
- Area of Triangle  $A = \text{Base} \times \frac{1}{2} \text{ Perpendicular height}$
- Area of ellipse  $A = \text{Dia.} \times \text{Dia.} \times .7854$
- Area of Parellogram  $A = \text{Base} \times \text{Height}$
- Volume of tanks  $V = d^2 \times L$

Vol. of cylinder in gals.  $V = d^2 \times L \times .0034$

- 1 mile = 1,760 yds.
- 1 mile = 5,280 ft.
- 1 rod = 16½ ft.
- 1 Acre = 43,560 sq. ft.
- 1 sq. ft. = 144 sq. in.

## WEIGHT:

- 1 pound = 453.6 grams
- 1 long ton = 2240 pounds
- 1 oz./1,000 sq. ft. = 2.72 pounds/Acre
- 1 pound/1,000 sq. ft. = 43.6 pounds/Acre
- 100 pounds/Acre = 2.3 pounds/1,000 sq. ft.

## TEMPERATURE:

- Cent. Temperature  $5/9(F-32)$
- Fahrenheit Temp.  $9/5C + 32$

## ELECTRICAL:

- 1 H.P. = 746 watts
- 1 kilowatt = 1,000 watts

## FERTILIZERS:

- Ammonium nitrate, ammonium sulphate, potassium chloride, sodium nitrate.
- 435#/A or 10#/1,000
- 110#/A or 2½#/1,000
- Ground limestone, ground dolomitic limestone or potassium sulphate.
- 870#/A or 20#/1,000
- 280#/A or 6½#/1,000
- Ammonium phosphate, mixed fertilizers (10-10-10), etc.
- 300#/1A or 7#/1,000
- 50#/A or 18 oz./1,000
- 11#/A or 5 oz./1,000 Urea.
- 44#/A or 1#/1,000
- Activated sewerage sludge or urea form.
- 650#/A or 15#/1,000
- 150#/A or 3½#/1,000
- Hydrated lime.
- 1,100#/A or 25#/1,000
- 220#/A or 5#/1,000

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