



## Qs and As

**Q**—We plan to use a slow-release ureaform nitrogen in the seedbed when we plant a bluegrass mixture on our fairways late this summer. It will be balanced with phosphate and potash. Because we must ask for bids, we need a set of specifications so that we do not get an inferior product. What should be the percentages of urea and formaldehyde? Can you advise us? (Wisconsin)

**A**—Here is a set of specs that seems to cover the field of ureaforms and is non-discriminatory.

	Granular (Dustless)	Powder (Dust) Water suspensible
Total N	38% min.	38 min.
Water-insoluble N	25% min.	23 min.
Activity index	40 min.	40
Bulk density (lbs./cu.ft.)	36	--
pH	7.5	7.5
Screen analysis (U.S. Standard)		
on 8	0.4% max.	through 60%-100%
through 80	3.5% max.	

For seedbed application you would use the granular material. Powdered UF is for putting greens and similar turf and is used in water suspension. The proportions of urea to formaldehyde must be held to close limits to achieve the specifications given. You need not concern yourself with these items. That is a problem for the fertilizer manufacturer.

**Q**—Your article in June *GOLF-DOM* on sand greens was most interesting. My practice putting green, several years old, was built with 70 per cent sand and 30 per cent soil. It was seeded with Penncross, is used

heavily and gets little attention. It is the best looking green on the course, but it does dry out quickly and it gets hard. With good loam top soil increasingly hard to obtain, I want to rebuild some of our older greens using "high-sand" construction. Where may I obtain information on "Purr-Wick" greens and on "perched water table greens"? I enjoyed your article in *GOLFDOM*? I am self taught and need all the information I can get. (Ohio)

**A**—Your 70 to 30 green may have lacked organic matter; the soil may have had high silt and the sand may

have had too many fines. These could be factors in your good green getting hard.

For information on "Purr-Wick" construction write Dr. W.H. Daniel, Purdue University, Lafayette, Ind. This construction involves a perched water table as does the method recommended by the United States Golf Assn. Green Section. For this method of construction, write to Alexander M. Radko, P.O. Box 1237, High Park, N.J. 08904.

**Q**—In trying to grow the best possible grass we as turf managers and (Continued on page 59)

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