

Mike Clark, President of GCSA of Northern California appointed the following committees and chairmen. If you have any suggestions all will appreciate your help.

Program Chairman	- Dave Griffiths	To assist	Bob Ford, Bill Nigh
Christmas Party	- Bill Nigh		
Bylaws	- Larry Feliciano		
Camera & Golf	- Kaz Maseba		
Membership	- John Engen		
TARP & National Affairs	- Cliff Wagoner		
Nomination Committee	- Jim Bantrup		
Awards Committee	- Bob Livesey		

TARP Committee includes all present board members and Tom Unruh and Jim Ross.

SELECTION OF SANDS FOR CONSTRUCTION AND TOPDRESSING - William B. Davis

For several years one of TARP's main thrusts has been the evaluation of sands for golf green construction and topdressing. Right or wrong John Madison and I believe in the pure sand culture as the best solution for our high trafficked putting greens. We also consider high frequency topdressing to be one of the most promising methods of controlling excess thatch and maintaining a fine, high quality putting surface.

If you and your course are going in this general direction, let's be sure we are talking about the same quality of sand. We know that each course has its problems in obtaining the right sand at the right price. After testing and evaluating different sands we have adjusted our acceptable range of sands. The following table reflects our current recommendation and may assist you when dealing with various sand suppliers.

Through TARP we have tested sand samples for individual superintendents, sand suppliers and for new course construction. Presently we run a particle size analysis and an infiltration test after normal and excessive compaction. In order to run these analyses we need approximately 1/2 a cubic foot of sand. Your sample can be sent directly or, better yet, route your sample through you Cooperative Extension Office to the Department of Environmental Horticulture at Davis.

TABLE I  
SAND PARTICLE SIZE DISTRIBUTION

SIEVE OPENING mm	U.S. STANDARD SIEVE NO.	U.S.D.A. CLASS	GOLF GREEN CONSTRUCTION		GOLF GREEN TOPDRESSING	
			DESIRED	ACCEPTED	DESIRED	ACCEPTED
2.38 2.00	8 10	FINE GRAVEL				
1.68 1.41 1.19 1.00	12 14 16 18	VERY COARSE SAND		0-10%		
.841 .707 .595 .500	20 25 30 35	COARSE SAND	0-15%	80-90%		0-15%
.420 .354 .297 .250	40 45 50 60	MEDIUM SAND	80-95%		100%	75+%
.210 .177 .149 .125 .105	70 80 100 120 140	FINE SAND				
.088 .074 .063 .053 .044	170 200 230 270 325	VERY FINE SAND	4-8%	5-10%		0-8%
.037	400	SILT & CLAY				

The proportions proposed are tentative guidelines only. Individual sands should be considered in terms of infiltration rate when compacted, and the moisture release curve. These will be affected by the particle size distribution within the limits proposed.

J. H. MADISON - W. B. DAVIS 3/75