

Updating the List for Golf Course Maintenance Equipment

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How modern is the maintenance equipment at your golf course? What value has been placed on it should it be lost in fire, flood, or vandalized? How accurate is the inventory of the equipment and tools? Is the maintenance area clean and well organized? Are employees positively motivated by the equipment they have to use? These are just a few of the questions a superintendent, an owner, a manager and green chairman should ask himself.

It is true that equipment alone will not produce a manicured and well-groomed course. It takes good people to do this, but good people are at their best with adequate and good equipment.

The following is a suggested list of equipment that should be adequate at most 18-hole courses, depending upon total acreage and degree of maintenance perfection.

GREENS AND TEES

The following suggested list of equipment is interrelated for greens and tees, as many tees are maintained under a green management program.

- 2 Riding triplex putting green mowers and optional equipment; vertical mower, spiker, brushes (used on greens, tees and collars)
- 5 Hand putting green mowers
- 2 Power aerators
- 1 Vertical mower designed for greens
- 1 Power spiker
- 1 Power drag mat
- 1 Power top-dresser
- 1 Power sprayer (fungicides) (may be used on truckster)
- 1 Proportioner (regional — optional)
- 2 Hand rotary fertilizer spreaders

A clean, well-organized work shop provides good working conditions and improves efficiency.



- 1 Power rotary fertilizer spreader (may be used on truckster)
- 2 or 3 Utility turf trucksters
- 1 Power blower (sm.)

FAIRWAYS AND ROUGHS

- 1 Seven or nine gang hydraulic tractor and mower (optional — 2 seven gang units for fairways, depending upon region)
- 1 Fairway aerator
- 1 Fairway sweeper
- 1 Fairway thatcher
- 1 Power sprayer (300 gallon) (herbicides) and attachments
- 1 Power rotary fertilizer spreader (tractor drawn)
- 1 5-gang mower (roughs)
- 1 3-gang roller (optional)
- 1 72 inch PTO rotary mower with leaf mulcher attachment
- 1 Power leaf blower

GENERAL EQUIPMENT

- 1 Power sand trap rake
- 2 or 3 Utility turf trucksters
- 1 General construction PTO tractors (2 if fairway units are not hydraulic)
- 1 Dump body golf tractor
- 1 Pickup truck — Jeep, etc.
- 1 Dump truck (2½ ton min.)
- 1 Snow plow (regional)
- 1 Front end loader with backhoe and landscape blade
- 1 Power sod cutter
- 1 Power soil shredder
- 1 Power screen
- 1 Power hand sweeper
- 1 Water ballast roller
- 1 Power grass edger
- 3 24" or 30" rotary mowers
- 2 hand mowers
- 1 21" power reel mower
- 1 Power wood chipper (regional)
- 1 Tractor drawn trailer
- 1 Trencher
- 1 Rotary hoe
- 1 Portable pump

MISCELLANEOUS HAND EQUIPMENT

(This list will go from A to Z.) Axes, burners, crow bar, duster, cup cutter, wheelbarrow, ladder, sod edgers, sod lifters, shovels, rakes, funnels, spade, picks, forks, jacks, pruners, tree saws, traps (animal), pumps, gas cans, scales, pullers, hose, bamboo poles, soil testers, soil probe.

MAINTENANCE TOOLS (for repair of)

All power equipment (trucks, tractors,

mowers, etc.), plumbing, drains, electrical equipment, sewers, roadways, cement and concrete, water systems, painting and wood working repairs.

SHOP EQUIPMENT

Lapping machine, air compressor, steam cleaner, table saw, bench grinders, bed knife grinder, reel knife grinder, pipe threader, paint sprayer, welder, drill press, vises, arbor press, work benches.

IRRIGATION EQUIPMENT

Irrigation equipment and pumping station will be completely dependent upon the type of system you have, manual or automatic, and the location in the country where your golf course is situated.

This list may not include the one piece of equipment, the hand tools, or necessary shop tools you feel are required under your conditions. By all means, add them to the list; these are only basic suggestions.

Safety and health regulations dictate that the following suggestions concerning the maintenance building be adhered to:

- 1. Adequate heating and ventilation
- 2. Toilet facilities (showers, etc.)
- 3. Herbicide — fungicide storage room
- 4. Fertilizer storage area
- 5. Adequate working and storage area for equipment
- 6. Paint spraying room (ventilated)
- 7. Adequate electrical outlets and fire safety devices (first aid equipment)
- 8. Lunch area and lockers for employees
- 9. Superintendent's office (desk, cabinets, chairs, adding machine, telephone, bookcase, etc.)

In addition to the maintenance building, a building is necessary for storing and mixing topdressing. Topdressing should be kept in a dry area so that it will be available at any given time of the season.

The following named personnel are necessary to make the nucleus of your work force and should be maintained on a year-round basis.

- 1 Superintendent
- 1 Assistant Superintendent or Foreman
- 1 Mechanic
- 3 Laborers

ADDITIONAL HELP

- 2 Laborers should be hired as the outside maintenance season begins and their employment concluded when fall maintenance is completed.
- 3 Laborers to be hired as summer help.

11 Total