

### 329200 LAWNS AND GRASSES

1. Topsoil stripped from the building site and stockpiled may be used if the following requirements are met.
  - a. Topsoil shall have a pH of between 6.0 and 7.0, and shall contain not less than 2% nor more than 10% organic matter as determined by AASHTO T194.
  - b. Topsoil shall be fertile friable loam, sand loam, or clay loam which will hold a ball when squeezed with the hand, but which will crumble shortly after being released.
  - c. Topsoil shall be free of clods, grass, roots, or other debris harmful to plant growth, and free of pests, pest larvae, and matter toxic to plants.
  - d. Topsoil shall comply with the requirements of Section 801 of the Pennsylvania Department of Transportation Publication 408 Specifications.
2. When topsoil stripped from the building site meeting the above requirements is not available, Contractor shall provide topsoil from off-site sources. Topsoil shall comply with requirements of Section 329000, "Exterior Plants".
3. Give attention to proper swale design.
4. Grass seed and seeding restoration shall comply with the following requirements -

Restoration Condition	Topsoil	Lime*	Basic Fertilizer	Starter Fertilizer	Seed Mix & Sowing Rate (% By Weight)
Temporary Cover**	N/A	100#/1,000 sq.f.t.	N/A	10-6-4 @ 40# per 1,000 sq.ft.	100% Annual Ryegrass Sow 1# per 1,000 sq.ft. March thru May/August thru September
Lawns	Yes	4 tons/acre	10-20-20 1,000# per/acre	10-6-4 @ 40# per 1,000 sq.ft.	20% Kentucky Blue Grass (Poa Pratensis) 60% Tall Fescue (Festuca arundinacea) 20% Perennial Ryegrass (Lolium perenne) Sow 6# per 1,000 sq.ft. March thru May/Aug. thru September
Bank Areas Steeper Than or Equal to 3:1	Yes	4 tons/acre	No	12-18-10@ 18# per 5,000 sq.ft. or 18-24-10 @ 20# per 5,000 sq.ft.	60% Pennlawn Red Fescue 40% Perennial Ryegrass Sow 9# per 1,000 sq.yds. March thru May/August thru September

\* Unless a lesser rate is indicated by soil tests. \*\* Unless otherwise specified in the Erosion and Sediment Control Plan.

5. Provide turfgrass sod within 50 feet of buildings. Contact the University for directions regarding other areas to receive sod instead of seed. On slopes, provide “sod nails” or other means to hold sod in place.
6. Fertilizer: Liquid or dry formulations.  
Lime: Raw ground limestone.
7. Erosion Control Fabric: Knitted construction, biodegradable paper fabric 0.2 pound per sq.yd.
8. Jute Matting: Heavy weight jute mesh with 1" opening.
9. Mulch: Wheat or oat straw, thoroughly threshed, or wood cellulose containing no growth or germination-inhibiting substances.
10. Mulch Binder: Asphaltic, vegetable gum, or polyvinyl acetate emulsion.
11. Maintenance of Lawn Areas: Contractor shall provide watering, hand weeding, and mowing once per week for a six week period, and cleanup, edging, and repair. Reseed areas that do not produce a prompt catch of grass within 24 days of seeding. Continue maintenance until all areas are grassed and free from bare spots or off-color areas and weeds, and turf areas are accepted.