

Project Description

Our client's project is to convert a 2.0 acre lawn beside their home to an authentic meadow that can be maintained with a single mowing event every 2 or 3 years. Their objective is create a naturalistic landscape that matches/mirrors their original 1700's farmhouse and barn on the property. The site is in Bucks County and the GPS coordinates are: **40.423754, -75.389509**. The soil is predominantly undisturbed Reaville Series rev. KK-MJ. There are no height or species composition constraints. Being able to resist invasive species encroachment, including forage grasses, is of paramount performance.

Target seeding date is March 15, 2019. Target plugging date window is April 15-April30, 2019.

Plant Specification

All plant species should be grown from seed originating from wild populations within EcoRegions 064a (Triassic Lowlands) or EcoRegion 064b (Trap Rock and Conglomerate Uplands). Wild is a proxy for areas that show no evidence of major human disturbance over the last 100 years and for which there is no reasonable reason to believe that the area had been artificially seeded during the last 50 years.

If seed is not available from either 064a or 064b, then the architect will accept plants grown from seed originating from the following list of adjacent EcoRegions, in order or preference:

- 064d (Piedmont Limestone/Dolomite Lowlands)
- 058h (Reading Prong)
- 067a (Northern Limestone/Dolomite Valleys)

The architect believes that due to the proximity of these adjacent EcoRegions (<10 miles) and that the property is located along a known avian flyway that it is reasonable to expect some gene flow between these EcoRegions. Plants grown from any other EcoRegion must have prior approval from the architect.

Plugs shall be the smallest plantable size for each species. The smallest acceptable size shall be a 1.25" deep 200-cell plug and the largest acceptable size shall be a deep 72-cell tray. The architect has a strong preference for 98-cell plug trays based on previous experiences. Any woody species shall be supplied in DP50 forestry trays. Other sizes/forms are permissible with prior architect approval.

Plant Labeling

All plants supplied must be clearly identified with the following information:

- Full botanical name
- EPA EcoRegion coding and EcoRegion name
- Accession code
- Seeding date
- Propagating nursery name

Each flat must have one tag firmly attached to the flat (staples preferred). All seed labels must list date of harvest, noxious seed %, and germination rates.