

NORTHEAST WETLAND GRASS SEED MIX

SPECIES	COMMON NAME	PUR %	GERM %	% MIX
AGROSTIS STOLONIFERA	CREEPING BENT GRASS	98.10	97.20	63.0
POA TRIVIALIS	ROUGH BLUEGRASS	94.60	98.30	17.0
ALOPECURUS ARUNDINACEA	MEADOW FOXTAIL	98.50	98.80	11.0
LOLIUM MULTIFLORUM	ANNUAL RYEGRASS	97.50	98.90	4.5
PANICUM CLANDESTINUM	DEERTONGUE	99.01	96.50	4.5

SUGGESTED APPLICATION RATE: 17 KG/HA

NORTHEAST WETLAND GRASS SEED MIX SUPPLIERS  
 NEW ENGLAND WETLAND PLANTS, INC.  
 820 MAIN ST.  
 AMHERST, MA 01002  
 ERNST CONSERVATION SEEDS  
 9006 MERCER PIKE  
 MEADVILLE, PA 16335  
 SOUTHERN TIER CONSULTING, INC.  
 P.O. BOX 30.  
 WEST CLARKSVILLE, NY 14786

# PLANT LIST

QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS		
<b>EVERGREEN TREES</b>								656.20	
16	EA	AC	ABIES CONCOLOR	WHITE FIR	900-1200 HT	4M	B&B		
89	EA	PG	PICEA GLAUCA	WHITE SPRUCE	900-1200 HT	4M	B&B		
30	EA	PP	PICEA PUNGENS GLAUCA	COLORADO BLUE SPRUCE	1500-1800 HT	2M	B&B (NOT INDICATED ON PLAN)		
31	EA	PS	PINUS STROBUS	WHITE PINE	900-1200 HT	4M	B&B		
<b>DECIDUOUS SHRUBS</b>								656.35	
14	EA	AMC	ARONIA MELANOCARPA	BLACK CHOKEBERRY	450-600 HT	2M	B&B		
55	EA	CNR	CORNUS RACEMOSA	GRAY DOGWOOD	450-600 HT	2M	B&B		
87	EA	HVG	HAMAMELIS VIRGINIANA	WITCH HAZEL	450-600 HT	2M	B&B		
6	EA	ILV	ILEX VERTICILLATA	WINTERBERRY	450-600 HT	2M	B&B		
12	EA	PVG	PRUNUS VIRGINIANA	CHOKECHERRY	450-600 HT	2M	B&B		
7	EA	SDC	SALIX DISCOLOR	PUSSY WILLOW	450-600 HT	2M	B&B		
7	EA	VBD	VIBURNUM DENTATUM	ARROW WOOD VIBURNUM	450-600 HT	2M	B&B		
35	EA	VBL	VIBURNUM LENTAGO	NANNYBERRY VIBURNUM	750-900 HT	3M	B&B		
15	EA	VBP	VIBURNUM PRUNIFOLIUM	BLACKHAW VIBURNUM	750-900 HT	3M	B&B		
30	EA	VBT	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	750-900 HT	3M	B&B		
340	EA	VTC	VIBURNUM TRILOBUM COMPACTUM	COMPACT AMERICAN CRANBERRYBUSH	750-900 HT	2M	B&B		
<b>DECIDUOUS TREES</b>									656.30
3	EA	AN	ACER NEGUNDO	BOXELDER	40-45 CAL	8M	B&B		
35	EA	AR	ACER RUBRUM	RED MAPLE	40-45 CAL	8M	B&B		
6	EA	AM	ACER SACCHARINUM	SILVER MAPLE	40-45 CAL	8M	B&B		
8	EA	AS	ACER SACCHARUM	SUGAR MAPLE	40-45 CAL	8M	B&B		
3	EA	FG	FAGUS GRANDIFOLIA	AMERICAN BEECH	40-45 CAL	8M	B&B		
21	EA	FA	FRAXINUS AMERICANA	WHITE ASH	40-45 CAL	8M	B&B		
21	EA	FP	FRAXINUS PENNSYLVANICA	GREEN ASH	40-45 CAL	8M	B&B		
7	EA	OV	OSTRYA VIRGINIANA	HOP HORNBEAM	40-45 CAL	8M	B&B		
5	EA	PD	POPULUS DELTOIDES	EASTERN COTTONWOOD	40-45 CAL	8M	B&B		
3	EA	QB	QUERCUS BICOLOR	SWAMP WHITE OAK	40-45 CAL	8M	B&B		
10	EA	QR	QUERCUS RUBRA	RED OAK	40-45 CAL	8M	B&B		
5	EA	SN	SALIX NIGRA	BLACK WILLOW	40-45 CAL	8M	B&B		

GENERAL NOTES FOR SEEDED AREAS

- SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- SEED:
  - RURAL: USE VAOT'S 'RURAL CONSERVATION MIX' IN THE INDICATED AREAS AND FOR ALL ESTABLISHED UPLAND AREAS DISTURBED BY THE CONTRACTOR.
  - LOW GROWING: USE VAOT'S 'LOW GROW FESCUE MIX' IN MEDIAN ISLANDS.
  - WETLAND: USE 'NORTHEAST WETLAND GRASS SEED MIX' IN STREAMBANK RESTORATION AREAS AND ESTABLISHED STREAMBANK AREAS DISTURBED BY THE CONTRACTOR. PLANT STREAMBANK AREAS BETWEEN THE TIME WHEN THE GROUND FIRST BECOMES WORKABLE IN THE SPRING AND AUGUST 15, OR BETWEEN OCTOBER 15 AND 19. REFER TO SPECIAL PROVISIONS FOR DORMANT AND NON-DORMANT SEEDING INSTRUCTIONS. SEEDED AREAS TO BE MULCHED WITH STRAW AT THE RATE OF 4T/HA.
- FERTILIZER: FORMULA 5-10-5 SHALL BE APPLIED AT THE RATE OF 2KG/100SM OR 330 KG/HA (HYDROSEEDERS MAY USE 10-10-10 FORMULA).
- LIME: PELLETIZED AGRICULTURAL LIMESTONE TO BE APPLIED AT THE RATE OF 50 KG/SM OR 4.5 T/HA.
- TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SOILS IMPACTED BY CONSTRUCTION ACTIVITY SHALL BE LOOSENEED TO A DEPTH OF APPROXIMATELY 50mm BEFORE PLANTING.

VAOT RURAL CONSERVATION MIX  
 APPLICATION RATE: 68 KG/HA BROADCASTED  
 136 KG/HA HYDROSEEDED

% WEIGHT	KG/HA	NAME	PUR %	GERM %
37.5	33.67	CREEPING RED FESCUE	98	85
37.5	33.67	TALL FESCUE	95	90
5.0	4.49	RED TOP	95	90
15.0	13.47	BIRDSFOOT TREFOIL	98	85
5.0	4.49	ANNUAL RYEGRASS	95	85

VAOT LOW GROWING FESCUE MIX (MEDIAN AREAS)  
 APPLICATION RATE: 68 KG/HA BROADCASTED  
 136 KG/HA HYDROSEEDED

% WEIGHT	NAME	GERM %
37.58 MIN	CREEPING RED FESCUE	90
28.43 MIN	SPARTAN HARD FESCUE	85
14.37 MIN	AZAY SHEEPS FESCUE	87
14.17 MIN	ANNUAL RYEGRASS	90
1.10 MAX	CROP	
4.32 MAX	INERT	
0.12 MAX	WEED	

## CONTRACT PLANS

<b>PLANT LIST</b>	PROJECT: BENNINGTON HOOSICK D.P.1.0146(1)C/7
	DESIGN FILE NAME: R13464-PROJECT.dgn IPARM FILE NAME: SURVEYED BY: SQUAD LEADER: J.A.S. DWG. NO. L2
	PLOT DATE: 2/26/04 SURVEY DATE: DRAWN BY: KRK SHEET: 3 OF 13

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