

VAOT POLLINATOR COMPACT			
% OF MIX	LATIN NAME	COMMON NAME	CULTIVAR/ECOTYPE
17.5	TRIFOLIUM REPENS	WHITE CLOVER	PINNACLE or LADINO
17.5	TRIFOLIUM REPENS	WHITE CLOVER	DUTCH
17.5	TRIFOLIUM HYBRIDUM	ALSIKE CLOVER	
23.7	FESTUCA OVINA VAR. DURIUSCULA	HARD FESCUE	GLADIATOR
23.8	FESTUCA OVINA	SHEEP FESCUE	ANY
100%			

SEED RATE: 24 LBS/ACRE PURE LIVE SEED (PLS)
30 LBS/ACRE OF NURSE CROP
54 LBS/ACRE OF BULKING AGENT

*PREFERRED SEEDING PERIOD FOR POLLINATOR SEED MIX IS BEFORE MAY 1 (AFTER SNOWMELT) AND AFTER SEPTEMBER 15 (BEFORE SNOWPACK). IF SEEDING OCCURS DURING THE PREFERRED PERIOD, SEEDING RATE SHALL BE REDUCED BY 30%. NO ADJUSTMENT IS REQUIRED FOR NURSE CROPS OR BULKING AGENTS).

DESIGN GUIDANCE

- 1. THIS SEED MIX SHALL BE USED IN AREAS THAT WILL NATURALIZE , RECEIVING MOWING ONCE EVERY 3 YEARS OR LESS.
- 2. USE SEED MIX FOR AREAS THAT REQUIRE LOW COVER (LESS THAN 2’ TALL) OR AS INDICATED IN THE PLANS.

CONSTRUCTION GUIDANCE

- 1. SEE VAOT POLLINATOR SEED CONSTRUCTION GUIDANCE DETAIL FOR MORE GUIDNACE ON INSTALLATION AND BULKING AGENT.

TURF ESTABLISHMENT

REVISIONS	
JUNE 21, 2023	BKD

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 651 FOR SEED (PAY ITEM 651.1600 TURF ESTABLISHMENT, SPECIALTY SEED)

VAOT POLLINATOR DRY			
% OF MIX	LATIN NAME	COMMON NAME	CULTIVAR/ECOTYPE
6	AGROSTIS PERENNANS	AUTUMN BENTGRASS,	NORTHEAST ECOTYPE
25.2	ANDROPOGON GERARDII	BIG BLUESTEM	NORTHEAST ECOTYPE
0.5	ASCLEPIAS SYRIACA	COMMON MILKWEED	NORTHEAST ECOTYPE
0.8	ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER	NORTHEAST ECOTYPE
25	ELYMUS VIRGINICUS	VIRGINIA WILDRYE	NORTHEAST ECOTYPE
0.6	MONARDA FISTULOSA	WILD BERGAMOT	NORTHEAST ECOTYPE
20	PANICUM CLANDESTINUM	DEERTONGUE	NORTHEAST ECOTYPE
1.5	RUDBECKIA HIRTA	BLACK EYED SUSAN	NORTHEAST ECOTYPE
20	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	NORTHEAST ECOTYPE
0.2	SOLIDAGO JUNCEA	EARLY GOLDENROD	NORTHEAST ECOTYPE
0.2	SOLIDAGO RUGOSA	WRINKLE LEAF GOLDENROD	NORTHEAST ECOTYPE
100%			

SEED RATE: 60 LBS/ACRE PURE LIVE SEED (PLS)
30 LBS/ACRE OF NURSE CROP
30 LBS/ACRE OF BULKING AGENT

*PREFERRED SEEDING PERIOD FOR POLLINATOR SEED MIX IS BEFORE MAY 1 (AFTER SNOWMELT) AND AFTER SEPTEMBER 15 (BEFORE SNOWPACK). IF SEEDING OCCURS DURING THE PREFERRED PERIOD, SEEDING RATE SHALL BE REDUCED BY 30%. NO ADJUSTMENT IS REQUIRED FOR NURSE CROPS OR BULKING AGENTS).

DESIGN GUIDANCE

- 1. THIS SEED MIX SHALL BE USED IN AREAS THAT WILL NATURALIZE , RECEIVING MOWING ONCE EVERY 3 YEARS OR LESS.
- 2. USE SEED MIX FOR AREAS THAT ARE SLOPED OR FLAT , WITH NORMAL TO DRY CONDITIONS , OR AS INDICATED IN THE PLANS.

CONSTRUCTION GUIDANCE

- 1. SEE VAOT POLLINATOR SEED CONSTRUCTION GUIDANCE DETAIL FOR MORE INFORMATION ON INSTALLATION AND BULKING AGENT.

TURF ESTABLISHMENT

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 651 FOR SEED (PAY ITEM 651.1600 TURF ESTABLISHMENT , SPECIALTY SEED)

REVISIONS	
JANUARY 29, 2025	BKD

VAOT POLLINATOR WET			
% OF MIX	LATIN NAME	COMMON NAME	CULTIVAR/ECOTYPE
2	AGROSTIS PERENNANS	AUTUMN BENTGRASS	NORTHEAST ECOTYPE
2	ASCLEPIAS INCARNATA	SWAMP MILKWEED	NORTHEAST ECOTYPE
0.6	ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER	NORTHEAST ECOTYPE
0.2	ASTER PUNICEUS	PURPLE STEMMED ASTER	NORTHEAST ECOTYPE
0.2	ASTER UMBELLATUS	WHITE FLAT-TOPPED ASTER	NORTHEAST ECOTYPE
1	BIDENS CERNUA	NODDING BUR MARIGOLD	NORTHEAST ECOTYPE
30	CAREX VULPINOIDEA	FOX SEDGE	NORTHEAST ECOTYPE
0.3	CHELONE GLABRA	TURTLEHEAD	NORTHEAST ECOTYPE
20	ELYMUS VIRGINICUS	VIRGINIA WILDRYE	NORTHEAST ECOTYPE
1	EUPATORIUM PERFOLIATUM	BONESET	NORTHEAST ECOTYPE
3.9	JUNCUS EFFUSUS	SOFT RUSH	NORTHEAST ECOTYPE
3.8	JUNCUS TENUIS	PATH RUSH	NORTHEAST ECOTYPE
30	PANICUM CLANDESTINUM	DEERTONGUE	NORTHEAST ECOTYPE
4	VERBENA HASTATA	BLUE VERVAIN	NORTHEAST ECOTYPE
1	ZIZIA AUREA	GOLDEN ALEXANDERS	NORTHEAST ECOTYPE
100%			

SEED RATE: 15 LBS/ACRE PURE LIVE SEED (PLS)
30 LBS/ACRE OF NURSE CROP.
60 LBS/ACRE OF BULKING AGENT

*PREFERRED SEEDING PERIOD FOR POLLINATOR SEED MIX IS BEFORE MAY 1 (AFTER SNOWMELT) AND AFTER SEPTEMBER 15 (BEFORE SNOWPACK). IF SEEDING OCCURS DURING THE PREFERRED PERIOD, SEEDING RATE SHALL BE REDUCED BY 30%. NO ADJUSTMENT IS REQUIRED FOR NURSE CROPS OR BULKING AGENTS).

DESIGN GUIDANCE

1. THIS SEED MIX SHALL BE USED IN AREAS THAT WILL NATURALIZE , RECEIVING MOWING ONCE EVERY 3 YEARS OR LESS.
2. USE SEED MIX FOR AREAS THAT EXPERIENCE OCCASIONAL INNUNDATION OF WATER (EX. DETENTION BASINS OR SWALES) , OR AS INDICATED IN THE PLANS.

CONSTRUCTION GUIDANCE

1. SEE VAOT POLLINATOR SEED CONSTRUCTION GUIDANCE DETAIL FOR MORE INFORMATION ON INSTALLATION AND BULKING AGENT.

TURF ESTABLISHMENT

REVISIONS	
JANUARY 29, 2025	BKD

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 651 FOR SEED (PAY ITEM 651.1600 TURF ESTABLISHMENT , SPECIALTY SEED)

VAOT POLLINATOR SEED CONSTRUCTION GUIDANCE

1. PREPARE SOIL FOR POLLINATOR SEED MIX APPLICATION SITES IN ACCORDANCE WITH VTRANS SUBSECTION 651.04 & 651.05 FOR TURF ESTABLISHMENT.
2. APPLY SOIL AMENDMENTS PER SOIL TEST RESULTS.
3. MIX POLLINATOR SEED, NURSE CROP SEEDS, AND BULKING AGENT PRIOR TO APPLICATION. ENSURE THAT THE MATERIALS ARE EVENLY DISTRIBUTED THROUGHOUT THE MIX.

A. NURSE CROP: USE GRAIN OATS (AVENA SATIVA) AS A NURSE CROP IF PLANTING BETWEEN JANUARY 1 AND JULY 31 OR USE WINTER RYE (SECALE CEREALE) IF PLANTING BETWEEN AUGUST 1 AND DECEMBER 31.

B. BULKING AGENT: ADD AN INERT CARRIER AND BULKING AGENT SUCH AS GRANULAR SODIUM BENTONITE CLAY, NON-CLUMPING & NON-SCENTED KITTY LITTER, OR APPROVED EQUIVALENT TO ALLOW FOR EVEN SEED DISTRIBUTION AND AS A VISUAL AID OF COVERAGE DURING THE SEED INSTALLATION. BULKING AGENTS SHALL BE MIXED WITH THE SEED MIX AND NURSE CROP AT THE RATES SPECIFIED ON THE POLLINATOR SEED MIX DETAILS. PAYMENT FOR BULKING AGENT AND NURSE CROP SHALL BE INCIDENTAL TO THE CORRESPONDING SEED PAY ITEMS.
4. APPLY POLLINATOR SEED MIXES, NURSE CROP SEEDS, AND BULKING AGENT CONCURRENTLY IN ACCORDANCE WITH THE RATES SHOWN ON THE POLLINATOR SEED MIX TABLES. DO NOT EXCEED THE RECOMMENDED NURSE CROP SEEDING RATES TO AVOID SMOTHERING THE POLLINATOR SEED MIX AND PREVENTING GERMINATION.
5. SPREAD SEED BY HAND OR USE BROADCAST SEEDING EQUIPMENT WITH AN INTERNAL AGITATOR AND AN ADJUSTABLE FLOW GATE TO CREATE A SLOW, STEADY SEED FLOW, ALLOWING FOR EVEN DISTRIBUTION OF THE SMALLER SEEDS.
6. USE A LANDSCAPE-TYPE ROLLER, CULTIPACKER, OR LEAF RAKE TO LIGHTLY PRESS SEED INTO SOIL BED AFTER BROADCAST SPREADING. THIS PROMOTES ADEQUATE SEED TO SOIL CONTACT. DO NOT TILL OR COVER SEED WITH SOIL.
7. MULCH WITH A LIGHT COVER OF WEED-FREE OAT STRAW AT A RATE OF 3,000 LB./ACRE.
8. IF HYDROSEEDING, A TWO-STEP PROCESS SHALL BE USED. FIRST PASS: APPLY SEED WITH 1/3 THE NORMAL RATE OF HYDRAULIC MULCH. SECOND PASS: APPLY REMAINDER OF HYDRAULIC MULCH. RATE OF HYDROSEED SHALL BE PER MANUFACTURERS RECOMMENDATIONS. NO BULKING AGENT SHALL BE USED.

TURF ESTABLISHMENT

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 651 FOR SEED (PAY ITEM 651.1600 TURF ESTABLISHMENT, SPECIALTY SEED)

REVISIONS	
JUNE 21, 2023	BKD