

NATIVE PLANTING SPECIFICATIONS FOR STORMWATER B.M.P.S

- DESCRIPTION AND GENERAL REQUIREMENTS
- 1. WORK SHALL CONSIST OF PROVIDING, DELIVERING, AND INSTALLING ALL SEEDS, PLUGS, PLANTS, OR OTHER MATERIALS REQUIRED FOR THE ESTABLISHMENT OF THE PROPOSED STORMWATER BMP. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL POST-PLANTING MAINTENANCE UNTIL RELEASED BY THE LANDSCAPE ARCHITECT/ DESIGNER OR OWNER'S REPRESENTATIVE. AND ANY TASKS AND OPERATIONS IN COMPLIANCE WITH THE PLANS AS SPECIFIED IN THIS PROVISION OR AS DEEMED NECESSARY BY THE LANDSCAPE ARCHITECT/DESIGNER OR OWNER'S REPRESENTATIVE.
- 2. COMPLIANCE WITH LOCAL REQUIREMENTS AS RELATED TO THE WORK AS DESCRIBED HEREIN INCLUDING PERFORMANCE AND MAINTENANCE STANDARDS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND / OR SUB-CONTRACTORS.
- 3. WORK SHALL BE PERFORMED ONLY BY A COMPANY SPECIALIZING IN NATIVE/ WETLAND INSTALLATION AND MAINTENANCE WITH A MINIMUM OF 7 YEARS OF EXPERIENCE. PERSONAL ASSIGNED TO SITE SHALL HAVE A MINIMUM OF 3 YEARS OF PROFESSIONAL EXPERIENCE IN ASSIGNED WORK. IN NO CASE SHALL
- ANYONE WORK ON-SITE WITHOUT A QUALIFIED SUPERVISOR. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL PERMITS THAT ARE REQUIRED BY THE APPLICABLE
- AGENCIES. THE CONTRACTOR SHALL NOTIFY THE DESIGNER, ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION
- AND ALL UTILITY COMPANIES THAT MAY BE AFFECTED BY THE PROPOSED CONSTRUCTION 2 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE APPROPRIATE CONSTRUCTION INSPECTIONS THE MUNICIPALITY SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION
- OF THE IMPROVEMENTS. 7. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS TO CONTACT THE DESIGNER TO VERIFY THAT THEY ARE
- WORKING FROM THE MOST CURRENT SET OF PLANS AND SPECIFICATIONS. 8. THE CONTRACTOR IS TO FOLLOW ALL ORDINANCES AND REQUIREMENTS OF THE STATE, COMMUNITY, AND LOCAL DISTRICTS. ALL PROPOSED IMPROVEMENTS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS FOR THE PROJECT.
- PRIOR TO BID AND PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL INSPECT THE SITE TO VERIFY THAT THERE ARE NO DISCREPANCIES BETWEEN THE PLANS AND THE ACTUAL CONDITIONS AT THE SITE. IF ANY DISCREPANCIES ARE FOUND. AT ANY TIME BEFORE OR DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY (BEFORE ANY ADDITIONAL IMPROVEMENTS ARE INSTALLED) IN ORDER TO OBTAIN WRITTEN CONFIRMATION BY THE LANDSCAPE ARCHITECT/DESIGNER AS
- TO ANY REVISIONS/SUBSTITUTIONS THAT MAY NEED TO BE MADE TO THE PLANS. 9. CONTRACTOR SHALL GUARANTEE ALL SEED, PLUGS, PLANTS, LABOR AND ANY MATERIAL FOR THE DURATION OF ANY AND ALL INSTALLATION AND MAINTENANCE CONTRACT OR 1 YEAR, WHICHEVER IS
- 10. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES ON AND OFF-SITE AND THE CONTRACTOR SHALL PROVIDE A WRITTEN STATEMENT TO HOLD HARMLESS THE OWNER AND ANY OTHER AGENTS OF THE
- 11. THE CONTRACTOR SHALL INDEMNIFY WATERMARK ENGINEERING RESOURCES, LTD (THE ENGINEER) ARCHITECT AND OWNER, THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION. SEEDS, PLUGS AND PLANTS
- 12. ALL SEEDS, PLUGS AND PLANTS SHALL BE GUARANTEED TO BE TRUE TO BOTANICAL NAME AND
- 13. SEED MIX PERCENTAGES SHALL MATCH SEED COUNT AND PERCENTAGES SPECIFIED.
- 14. SEED MIX PERCENTAGES/ QUANTITY INDICATED PER ACRE SHALL MEAN THE TOTAL AMOUNT OF PLS (PURE LIVE SEED) PER ACRE FOR ALL SPECIES EXCLUDING FORBS.
- 15. SEED MIXTURES TAGS SHALL BE SUBMITTED A MINIMUM OF 2 WEEKS PRIOR TO SEEDING TIME FOR APPROVAL BY THE LANDSCAPE ARCHITECT/ DESIGNER OR OWNER'S REPRESENTATIVE
- 16. ALL SEEDS SHALL HAVE THE PROPER STRATIFICATION AND/OR SCARIFICATIONS TO BREAK SEEDS OUT OF DORMANCY FOR ANY PLANTING TO OCCUR OTHER THAN FALL PLANTING.
- 17. LEGUMES SHALL BE INOCULATED WITH THE PROPER RHIZOBIA AS NECESSARY FOR SCHEDULED PLANTING
- 18. IF NOT ALREADY INCLUDED IN THE SEED MIX, PLANT A TEMPORARY COVER CROP ALONG WITH THE SEED TO STABILIZE THE SOIL WHILE THE PERMANENT NATIVE SPECIES GERMINATE AND BECOME ESTABLISHED,
- ESPECIALLY IN HIGHLY ERODIBLE AREAS. 19. SEEDS AND PLUGS SHALL BE FROM A SOURCE WITHIN A MAXIMUM OF 200 MILES FROM THE PROJECT
- 20. ALL QUANTITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND ARE TO BE VERIFIED PRIOR TO CONSTRUCTION. IF DISCREPANCIES OCCUR, THE CONTRACTOR IS TO CONTACT THE LANDSCAPE ARCHITECT/ DESIGNER OR OWNER'S REPRESENTATIVE IMMEDIATELY AND NO WORK IS TO BE DONE UNTIL APPROVED BY THE LANDSCAPE ARCHITECT/ DESIGNER OR OWNER'S REPRESENTATIVE.
- 21. CONSTRUCTION REQUIREMENTS AND TIMELINES SHALL BE SCHEDULED WITH THE GENERAL CONTRACTOR.
- 22. MOW ANY EXCESS EXISTING VEGETATION SCHEDULED TO REMAIN TO A HEIGHT OF 6" MAXIMUM 23. APPLY BROAD SPECTRUM OR TARGETED HERBICIDE. DEPENDING ON SPECIES PRESENT. HERBICIDE APPLICATION MUST BE PERFORMED BY A LICENSED PESTICIDE APPLICATOR.CONTRACTOR TO VERIFY EXISTING TOPSOIL PH AND ORGANIC MATTER.
- 24. SOIL PH SHALL BE MONITORED AND ADJUSTED AS NEEDED FOR VIGOROUS PLANT HEALTH 25. CONTRACTOR IS RESPONSIBLE FOR ALL TESTING AND LABOR FOR ANNUAL SOIL TESTS AND AS NEEDED
- TO DIAGNOSE ANY PROBLEMATIC AREAS. 26. CONTRACTOR TO VERIFY WITH SEED SOURCE FOR APPROPRIATE PLANTING TIMES AND CONDITIONS AS
- 27. CONTRACTOR SHALL AVOID THE USE OF HEAVY EQUIPMENT AND ANY OTHER ACTIVITY THAT WILL RESULT
- IN OVER COMPACTION OF THE AREAS TO BE PLANTED. 28. WHEN APPLICABLE, CONTRACTOR SHALL INSTALL THE AMENDED SOIL MIX PER PLAN. MATERIALS MAKING UP AMENDED SOIL MIXTURE SHALL BE WELL BLENDED AND SHALL NOT INSTALLED SEPARATELY IN
- 29. TOPSOIL SHALL BE TILLED AS NECESSARY TO COINCIDE WITH SEEDING METHODOLOGY WHETHER IT BE BROADCAST, DRILL, HYDRO-SEEDING, OR NO-TILL TYPES. SEEDING METHODOLOGY SHALL BE AT THE DISCRETION OF THE CONTRACTOR BUT SHALL BE IN A MANNER NECESSARY TO MAXIMIZE PLANT ESTABLISHMENT, UNIFORM COVERAGE AND THE PREVENTION OF SOIL EROSION.
- 30. TOPSOIL AND FINISH GRADE SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR FOR SUPPLY. QUALITY, QUANTITY AND PLACEMENT OF TOPSOIL
- 31. THE FINISH GRADE WILL BE SHAPED TO THE ELEVATION SHOWN ON THE PLANS. TOPSOIL WILL BE FREE OF DEBRIS, CLODS, STONES, ROOTS, STICKS, WASHOUTS, CRUSTING/ CAKING, WITH SOIL PARTICLES NOT TO EXCEED 2" IN DIAMETER. A TEMPORARY COVER CROP WILL BE REQUIRED TO BE ESTABLISHED AFTER THE FIRST FULL GROWING SEASON PER PLAN.

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AREAS. PLAN PREPARED BY CHRISTOPHER BURKE ENGINEERING

DATED: ____

- 32. IF BROADCAST SEEDING IN DORMANCY, INSTALL WHEN THE EVENING TEMPERATURES DROP BELOW FREEZING. USE APPROPRIATE EROSION CONTROL MEASURES TO PROVIDE STABILIZATION UNTIL THE FOLLOWING GROWING SEASON
- 33. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING AND IMPLEMENTING THE MEANS AND METHODS NECESSARY FOR THE SAFE AND SUCCESSFUL EXECUTION OF THE APPROVED PLANS. THIS INCLUDES BUT IS NOT LIMITED TO;
- 34. SEED INSTALLATION METHODS AND EQUIPMENT, PROTECTION OF PLANT MATERIAL/SEED FROM WILDLIFE AND OTHER ENVIRONMENTAL FACTORS DURING ESTABLISHMENT, APPROPRIATE MAINTENANCE TIMING AND TECHNIQUES ETC.
- 35. THIS SHALL BE DONE IN ACCORDANCE WITH THE PROVIDED DETAILS, SPECIFICATIONS AND PERFORMANCE STANDARDS WHICH ARE INTEGRAL TO THE APPROVED PLANS.
- 36. ANY RESTORATION NEEDED BECAUSE OF CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST. MAINTENANCE AND MANAGEMENT
- 37. TO ENSURE PROPER ESTABLISHMENT, A MAINTENANCE AND MANAGEMENT PLAN SHALL BE REQUIRED TO SUPPORT SITE DEVELOPMENT GOALS. THEREFORE REGULAR MAINTENANCE AND MONITORING CONTROLS TO PREVENT INVASIVE SPECIES AND MAINTAIN OPTIMAL MOISTURE LEVELS ARE NECESSARY MANAGEMENT ACTIONS ITEMS FOR DURATIONS AS SPECIFIED. SELECTION OF MAINTENANCE METHODS PARTLY DEPENDS UPON TIMING AND OTHER FACTORS SUCH AS AESTHETIC GOALS, PROJECT SIZE, AND BUDGET TO DETERMINE WHAT TECHNIQUES WILL BE USED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH THE PERFORMANCE STANDARDS AND, IN CONJUNCTION WITH THE OWNER, DEVELOPING THE APPROPRIATE MAINTENANCE TECHNIQUES AND SCHEDULE IN ORDER TO MEET THE CRITERIA AS DEFINED
- IN THE AFOREMENTIONED PERFORMANCE STANDARDS. 38. THE MAINTENANCE OF A NATIVE LANDSCAPE INCLUDES MANY DIFFERENT ACTIONS: REGULAR SITE INSPECTION AND MONITORING, MOWING, SELECTIVE HERBICIDE/ PESTICIDE APPLICATION, OVER-SEEDING AND SUPPLEMENTAL PLANTING, WATER CONTROL AND TEMPORARY IRRIGATION AND PRESCRIBED BURNING.

CITY OF AURORA NATIVE LANDSCAPE PERFORMANCE SPECIFICATIONS

A. BY THE END OF THE FIFTH YEAR, 80% OF THE SPECIES INSTALLED SHALL BE PRESENT, AND AT LEAST 60% OF THE TOTAL COVER SHALL BE NATIVE SPECIES. B. TOTAL VEGETATION COVER WITHIN EMERGENT/OPEN WATER ZONES SHALL BE AT LEAST 60% BY THE END OF YEAR C. TOTAL REED CANARY GRASS COVER SHALL NOT EXCEED 20%.

- A. BY THE END OF THE FIFTH YEAR, 80% OF THE SPECIES INSTALLED SHALL BE PRESENT, AND AT LEAST 60% OF THE TOTAL COVER SHALL BE NATIVE SPECIES. B. BY THE END OF THE THIRD THROUGH THE FIFTH YEAR, TOTAL VEGETATION COVER WITHIN THE WET PRAIRIE SHALL BE AT LEAST 90%.
- C. TOTAL REED CANARY GRASS COVER SHALL NOT EXCEED 10%. D. TOTAL CATTAIL COVER SHALL NOT EXCEED 40%.

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- A. BY THE END OF THE FIFTH YEAR, 80% OF THE SPECIES INSTALLED SHALL BE PRESENT, AND AT LEAST 60% OF THE TOTAL COVER SHALL BE NATIVE SPECIES. B. TOTAL VEGETATION COVER WITHIN MESIC PRAIRIE ZONES SHALL BE AT LEAST 90% BY THE END OF THE THIRD
- C. TOTAL REED CANARY GRASS COVER SHALL NOT EXCEED 10%.
- 4. SAVANNA /WOODLAND A. DURING YEAR ONE, REDUCE WOODY PLANT COVER SO AT LEAST 60% OF THE AVAILABLE LIGHT CAN REACH GROUND LAYER VEGETATION. B. NON-NATIVE WOODY VEGETATION SHALL NOT EXCEED 10% TOTAL COVER.
- C. BY THE END OF THE FIFTH YEAR, 80% OF THE SPECIES INSTALLED SHALL BE PRESENT, AND AT LEAST 60% OF THE TOTAL COVER SHALL BE NATIVE SPECIES.

WATERING NOTE:

THROUGH THE FIFTH YEAR.

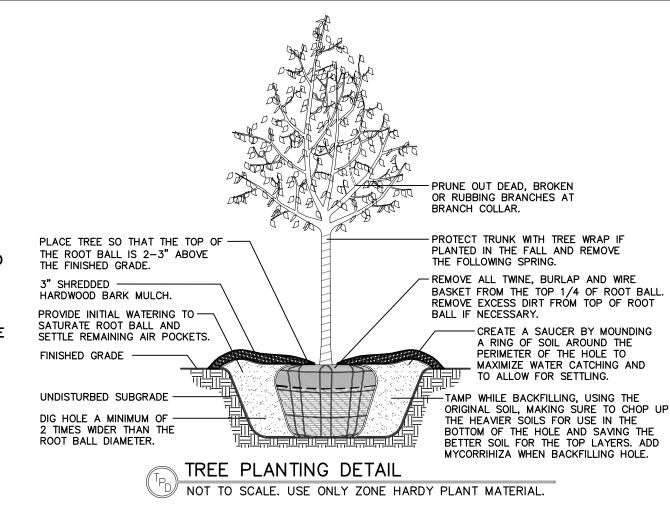
LANDSCAPE CONTRACTOR TO PROVIDE ALL LANDSCAPE WATERINGS AS NEEDED FOR THE INITIAL 30 DAYS AFTER DATE OF PLANT INSTALLATIONS AS REQUIRED FOR PLANT

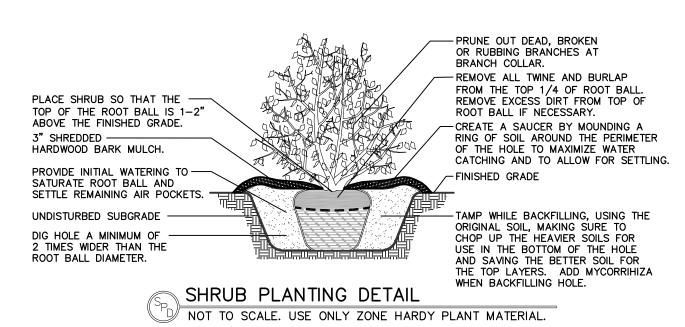
LANDSCAPE CONTRACTOR TO PROVIDE SEPARATE ITEMIZED UNIT PRICE FOR WATERINGS AFTER THE INITIAL 30 DAY PERIOD TO PROVIDE ADDITIONAL WATERINGS IF REQUESTED BY OWNER.

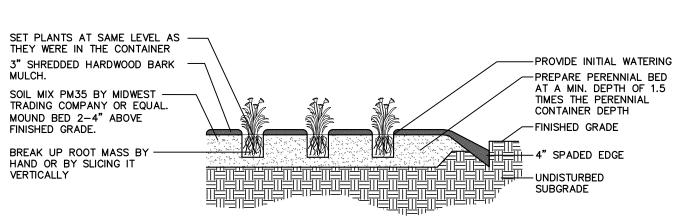
IF LANDSCAPE IS SCHEDULED TO BE INSTALLED IN PHASES, CONTRACTOR SHALL PROVIDE UNIT PRICE WATERING BIDS FOR EACH PHASE.

DUE TO WATERING RESPONSIBILITIES AND WARRANTEE CRITERIA, LANDSCAPE CONTRACTOR SHALL INSTALL LANDSCAPE IN SUBSTANTIAL INTERVALS. SMALL QUANTITY PLANT INSTALLATIONS ARE NOT ACCEPTABLE UNLESS APPROVED BY OWNER OR LANDSCAPE ARCHITECT.

LANDSCAPE CONTRACTOR TO CONFIRM IN WRITING TO THE OWNER OR LANDSCAPE ARCHITECT THAT THEY UNDERSTAND THEIR COMPLETE OBLIGATION FOR LANDSCAPE WATERINGS.





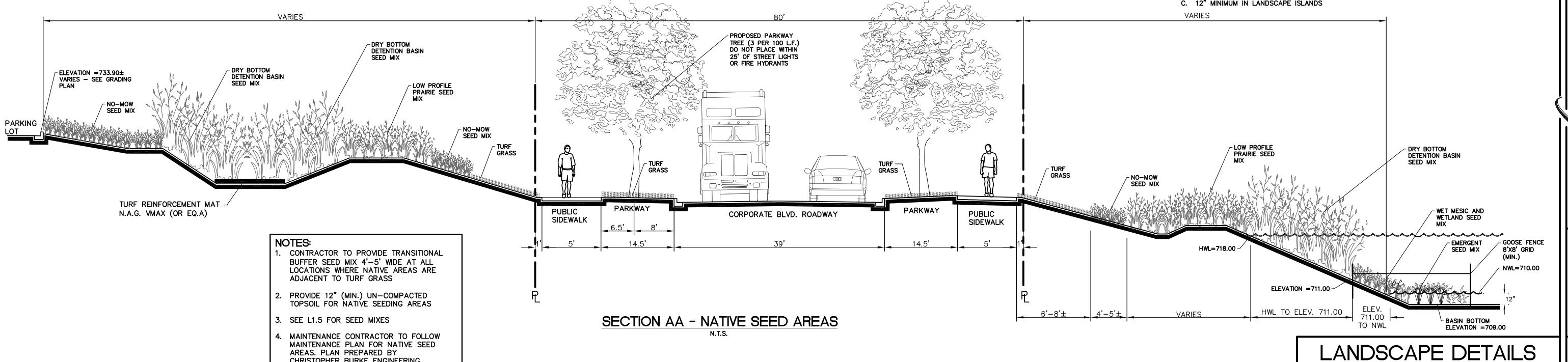


PERENNIAL PLANTING DETAIL NOT TO SCALE. USE ONLY ZONE HARDY PLANT MATERIAL

- LANDSCAPE NOTES
- . ALL PLANT MATERIAL SHALL BE HARDY TO THE ZONE IT IS BEING PLANTED IN. ALL TREES AND SHRUBS ARE TO BE BALLED AND BURLAPED UNLESS OTHERWISE NOTED AND SHALL BE GROWN IN ACCORDANCE WITH THE STANDARDS SET FORTH BY THE LATEST EDITION OF AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY AMERICANHORT.
- 2. PLANT SIZES CALLED OUT ON THIS PLAN ARE THE MINIMUM SIZE REQUIRED. PLANTS WHICH FAIL TO MEET THE SIZES LISTED, SHALL BE REJECTED AT THE EXPENSE OF THE CONTRACTOR.
- 3. CONTRACTOR MUST VERIFY ALL MATERIAL QUANTITIES AS DEPICTED ON THE DRAWING. THE PLANT LIST PROVIDED ON THIS PLAN IS FOR CONVENIENCE ONLY.
- 4. SUBSTITUTIONS MAY NOT BE MADE WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT/DESIGNER.
- 5. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE AGENCIES AND UTILITY LOCATORS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOT BEGIN ANY WORK ON-SITE UNTIL ALL UTILITIES HAVE BEEN LOCATED. CONTRACTOR SHALL OBTAIN "AS-BUILT" PLANS FOR ALL IRRIGATION AND LIGHTING PRIOR TO
- 6. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL UTILITIES INCLUDING IRRIGATION AND LIGHTING. ALL DAMAGE SHALL BE REPAIRED TO A NEW CONDITION IN ACCORDANCE WITH ALL CODES AT NO COST TO THE OWNER - SEE NOTE 5.
- 7. ALL UNSUITABLE MATERIAL (CONCRETE, AGGREGATE STONE, CRUSHED ASPHALT, BRICK ETC.) SHALL BE REMOVED, INCLUDING HAUL OFF, PRIOR TO PLANTING AND SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
- 8. SOIL MIX PM35 BY MIDWEST TRADING COMPANY OR EQUAL SHALL BE ROTOTILLED INTO ALL PERENNIAL AND ANNUAL PLANTING BEDS PRIOR TO THE INSTALLATION OF THE PLANT MATERIAL. A SLOW RELEASE, GRANULAR FERTILIZER SHALL BE APPLIED TO ALL ANNUAL AND PERENNIAL PLANTING BEDS AT THE RECOMMENDED RATE, AND SHALL BE ROTOTILLED IN WITH THE ABOVE SOIL MIXTURE BEFORE THE PLANT MATERIAL IS INSTALLED.
- 9. CONTRACTOR TO PROVIDE THOROUGH INITIAL WATERING OF ALL PLANTINGS WITHIN 12 HOURS OF INSTALLATION TO ENSURE ALL AIR POCKETS HAVE BEEN REMOVED AROUND ROOT BALL.
- 10. ALL PLANT BED AREAS ARE TO BE MULCHED WITH 3" OF DOUBLE SHREDDED HARDWOOD MULCH AND SHALL BE SEPARATED WITH A SPADE EDGE ALONG PERIMETERS ADJACENT TO TURF AREAS. FINAL GRADE (AFTER SETTLING) SHALL BE 1" BELOW ADJACENT CURBS.
- 11. ALL TURF AREAS ARE TO BE A MINIMUM OF A FIVE WAY BLUEGRASS BLEND, UNLESS OTHERWISE NOTED. CONTRACTOR IS RESPONSIBLE FOR WATERING ALL INSTALLED TURF AREAS UNTIL TIME OF KNITTING. IF TURF SEED AND SOD OCCUR ON THE SAME PROJECT, CONTRACTOR SHALL VERIFY AND USE SEED MIXTURES TO MATCH SOD.
- 12. AREAS TO BE SODDED SHALL BE WITH AN "APPROVED TURFGRASS SOD" OF PREMIUM GRADE. SOD SHALI BE A 5 WAY BLEND OF IMPROVED KENTUCKY BLUEGRASS VARIETIES THAT HAS BEEN GROWN LOCALLY TO THE PROJECT SITE. SOD MUST BE MATURED FOR 2 FULL GROWING SEASONS PRIOR TO HARVEST CUTTING AND BE HEALTHY WITH WELL ESTABLISHED ROOTS. SOD SHALL BE FREE OF DISEASE, INSECTS AND DEBRIS. SOD SHALL BE UNIFORM IN LEAF COLOR, TEXTURE, AND DENSITY. SOD SHALL BE DELIVERED, INSTALLED, AND WATERED WITHIN 24 HOURS OF HARVEST IN WHICH TEMPERATURES DO NOT EXCEED 90 DEGREES (F) NOR LESS THAN 55 DEGREES (F). SOD SHALL BE MACHINE-CUT AT A MINIMUM UNIFORM SOIL THICKNESS (1.5" OF SOD IS DESIRED) BUT SOD THICKNESS SHALL BE A THICKNESS NECESSARY FOR PLANT VIABILITY. SOD SHALL BE LAID IN STAGGERED STRAIGHT LINES, TIGHTLY AGAINST EACH OTHER WITHOUT STRETCHING OR OVERLAPPING. SOD STAKES SHALL USED ON ALL SLOPES 4:1 OR GREATER.
- 13. CONTRACTOR SHALL REPAIR ALL DISTURBED AREAS (INTENDED OR UNINTENDED) AT A MINIMUM, TO THE ORIGINAL CONDITION UNLESS OTHERWISE NOTED.
- 14. THE EXISTING PLANT MATERIAL SHOWN ON THIS PLAN IS INTENDED SOLELY TO IDENTIFY THEM AS OBSERVED IN THE FIELD. THIS PLAN DOES NOT MAKE ANY CLAIMS ABOUT THE CONDITION OR SAFETY OF ANY OF THE PLANT MATERIAL DESCRIBED HEREIN OR OBSERVED IN THE FIELD.
- 15. ALL TRANSPLANTED PLANT MATERIAL MUST BE INSTALLED IMMEDIATELY UPON EXTRACTION FROM IT'S ORIGINAL LOCATION, UNLESS SPECIFIC ARRANGEMENTS HAVE BEEN MADE WITH THE LANDSCAPE ARCHITECT/DESIGNER. SHOULD IT BECOME UNREASONABLE TO TRANSPLANT ANY OF THE PLANT MATERIAL AS DESCRIBED IN THIS PLAN, DUE TO SITE CONSTRAINTS OR OTHERWISE, CONTRACTOR IS RESPONSIBLE FOR CONTACTING LANDSCAPE ARCHITECT/DESIGNER TO MAKE ALTERNATIVE ARRANGEMENTS.
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE HEALTH AND VIABILITY OF THE PROPOSED PLANT MATERIAL INCLUDING WATERING, PROTECTION FROM PHYSICAL DAMAGE FROM THE TIME PLANT IS SELECTED THROUGH IT'S INSTALLATION.
- 17. CONTRACTOR IS RESPONSIBLE FOR ALL PLANT MATERIAL REMAINING PLUMB UNTIL THE END OF THE GUARANTEE PERIOD. PLANTS MAY NOT BE STAKED UNLESS APPROVED BY THE LANDSCAPE
- 18. CONTRACTOR TO GUARANTEE PLANT MATERIAL AND LABOR FOR A MINIMUM OF ONE YEAR FROM THE TIME
- 19. THE CONTRACTOR IS RESPONSIBLE FOR BECOMING FAMILIAR WITH AND ABIDING BY THE LANDSCAPE ORDINANCES FOR THE SPECIFIC JURISDICTION IN WHICH THE WORK IS TAKING PLACE.
- 20. BIDDERS SHALL BE RESPONSIBLE FOR EXAMINING THE SITE, PRIOR TO PREPARING BID, TO BECOME FAMILIAR WITH THE SPECIFIC SITE CONSTRAINTS.
- 21. ALL EXISTING ON-SITE PLANT MATERIAL NOT EFFECTED BY CONSTRUCTION OR THE PROPOSED LANDSCAPE, SHALL BE BE PROTECTED AS PART OF THIS PLAN. EXISTING LANDSCAPE IN AREAS OF CONSTRUCTION AND PROPOSED LANDSCAPE SHALL BE REMOVED AS PART OF THIS PLAN.
- 22. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR THE COMPLETION OF ALL THE ITEMS SHOWN ON THE PLANS.
- 23. IF IRRIGATION IS DEEMED NECESSARY, THE DESIGN AND INSTALLATION OF THE IRRIGATION SYSTEM SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR. AN IRRIGATION PLAN ALONG WITH AN AS BUILT OF THE IRRIGATION SYSTEM SHALL BE PREPARED FOR OWNER REVIEW AND APPROVAL. CONTRACTOR SHALL GUARANTEE PERFORMANCE, PARTS, AND LABOR FOR A PERIOD OF 1 YEAR FROM THE DATE OF
- 24. IF EXISTING IRRIGATION IS PRESENT ON SITE, CONTRACTOR SHALL ADJUST, ADD TO, OR SUBTRACT FROM, THE EXISTING IRRIGATION SYSTEM TO ACCOMMODATE ANY PROPOSED ALTERATIONS/ADDITIONS TO THE EXISTING LANDSCAPE. CONTRACTOR SHALL PROVIDE THE OWNER AN AS BUILT OF THE IRRIGATION SYSTEM AND ALL CHANGES TO THE SYSTEM AFFECTED BY THIS PROJECT.

AND SPECIFICATIONS

- 25. PROVIDE TOPSOIL RE-SPREAD PER THE FOLLOWING UNLESS OTHERWISE NOTED: A. 4" MINIMUM IN GRASS OR SOD AREAS
- B. 6" MINIMUM IN PLANTING AREAS
- C. 12" MINIMUM IN LANDSCAPE ISLANDS

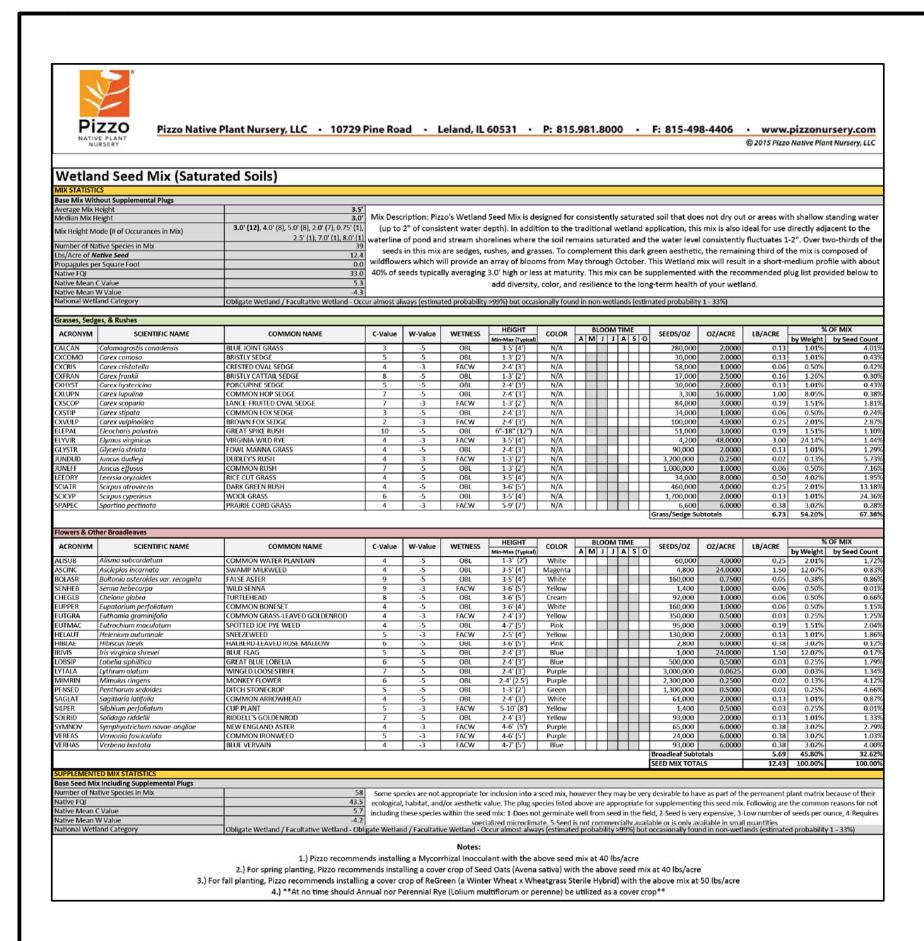


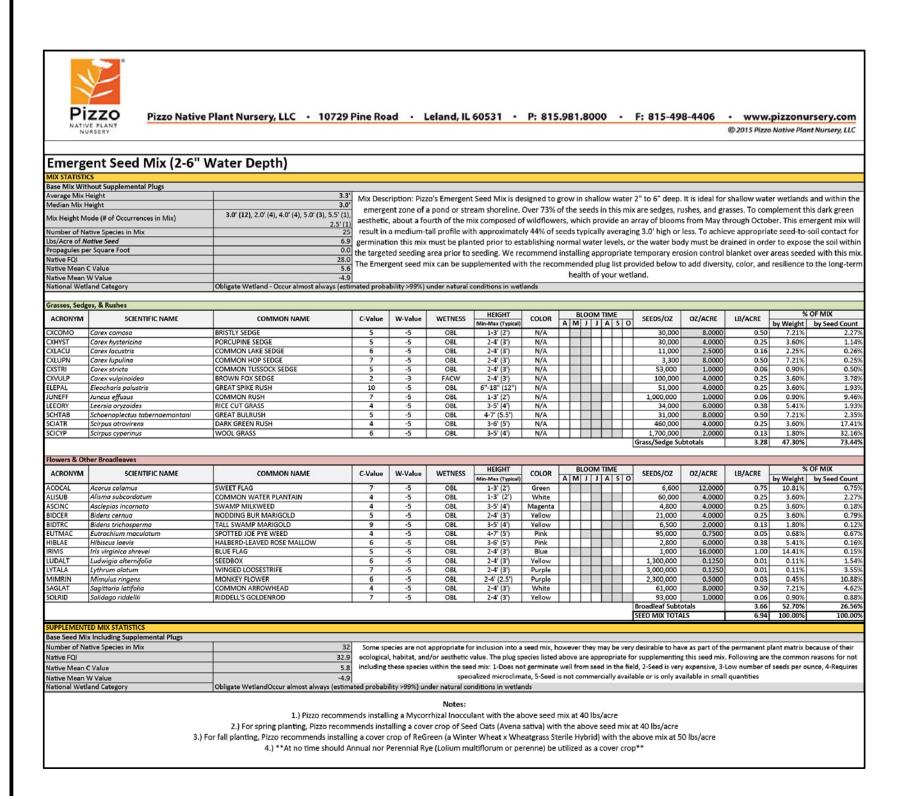
Prepared For:

Suite Suite 6051! ARK -

Prepared By:

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NO MOW LAWN SEED MIX (OR EQUAL)
SEED SOURCE
PRAIRIE NURSERY NATIVE PLANTS AND SEEDS
W5875 DYKE AVE, WESTFIELD, WI
800-476-9453

APPLY AT 5 LBS pls PER 1,000 S.F. WITH SEED AND BLANKET

NATE	VE PLANT URSERY PIZZO Nativ	e Plant Nursery, LLC · 10729	Pine Ro	ad • I	eland, IL	60531 •	P: 815	.981.	8000) •	F: 815-49			•	rsery.com at Nursery, LLC
in	DUSERI														,,,
Wood	ed Floodolain Seed	Mix (Mesic-Wet Soils)													
MIX STATISTI	Professional Company of the Company	IVIIX (IVIESIC-VVEC SOIIS)													
	thout Supplemental Plugs														
Average Mix I		3.9		cription: Piz	zo's Wooded	Floodplain See	d Mix is d	esigned	for ar	eas wit	h moderate-dei	nse native tree	population	s (10+ matu	re trees/acre
Median Mix I	Height		3.0 Mix Description: Pizzo's Wooded Floodplain Seed Mix is designed for areas with moderate-dense native tree populations (10+ mature tree that have a mostly closed canopy and a light-moderate understory tree/shrub layer providing part-full shade and that flood periodically for												
IVIIX Height Wode (# 61 Occurrences in IVIIX)		2.0' (5), 3.0' (5), 5.0' (4), 4.0' (2), 7.0' (2), 8.0 (1), 2.5' (1)	perio								f the growing s		-		
	lative Species in Mix	2	-								lucting regular				
Lbs/Acre of A Propagules p	varive Seed ver Square Foot	32.	7					_			nis is a medium-	_			
Native FQI		22.	averagii					_	_	_	r more at matu				
Native Mean		5.	0-1-1-1								ity, color, and r al wildflowers I			2.0	
Native Mean	W Value tland Category	-0.					n the bea	activit sp	ing e	prieme	ai wiidilowers I	natorically ass	ociated with	i die woodi	and ecosyste
reduction wet	ciona category	Facultative - Equally likely to occur in wetlar	us or non-we	uanos (estin	ared blobabili	y 34 * 00%)									
Grasses, Sedg	ges, & Rushes										_				
ACRONYM	SCIENTIFIC NAME	COMMON NAME	C-Value	W-Value	WETNESS	HEIGHT	COLOR		OOM	A S C	SEEDS/OZ	OZ/ACRE	LB/ACRE		OF MIX
CXGRAY	Carex grayi	COMMON BUR SEDGE	7	3	FACW	Min-Max (Typical) 2-4' (3')	N/A	A IVI	, ,	A 3 (1,200	8.0000	0.50	1.55%	by Seed Cour 0.1
ELYVIR	Elymus virginicus	VIRGINIA WILD RYE	4	-3	FACW	3-5' (4')	N/A	\Box			4,200	400.0000	25.00	77.67%	28.2
GLYSTR	Glyceria striata	FOWL MANNA GRASS	4	-5	OBL	2-4' (3')	N/A				90,000	24.0000	1.50	4.66%	36.3
											Grass/Sedge Su	btotals	27.00	83.88%	64.8
Flowers & Ot	ther Broadleaves														
ACRONYM	SCIENTIFIC NAME	COMMON NAME	1												OF MIX
			C-Value	W-Value	WETNESS	HEIGHT	COLOR		OOM 1		SEEDS/OZ	OZ/ACRE	LB/ACRE		3 P. C VEW S. C
PAYANTA MARINA MARINA			C-Value	W-Value	WETNESS	Min-Max (Typical)	COLOR			TIME A S (OZ/ACRE	LB/ACRE	by Weight	by Seed Cou
CAMAME	Campanulastrum americanum	TALL BELLFLOWER	3	0	FAC	Min-Max (Typical) 3-6' (5')	Blue				170,000	2.0000	0.13	by Weight 0.39%	by Seed Cou 5.7
CAMAME GERMAC	Campanulastrum americanum Geranium maculatum		Tower received	0	Line bearing to the second	Min-Max (Typical) 3-6' (5') 1-3' (2')					170,000 5,000	Chediosenes.	information.	by Weight	by Seed Cou 5.7 0.1
CAMAME GERMAC IMPPAL	Campanulastrum americanum	TALL BELLFLOWER WILD GERANIUM	3 4	0	FAC FACU	Min-Max (Typical) 3-6' (5')	Blue Purple				170,000	2.0000	0.13 0.13	by Weight 0.39% 0.39%	5.7 0.1 0.1
CAMAME GERMAC IMPPAL MAIRAC MERVIR	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS	3 4 6 3 5	0 3 -3 3	FACU FACW FACU FACW	Min-Max (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2')	Blue Purple Yellow White Blue				170,000 5,000 1,600 400 9,700	2.0000 2.0000 6.2500 16.0000 3.0000	0.13 0.13 0.39 1.00 0.19	0.39% 0.39% 0.39% 1.21% 3.11% 0.58%	5.7 0.1 0.1 0.1 0.4
CAMAME GERMAC IMPPAL MAIRAC MERVIR OSMCLO	Campanulastrum americanum Geranium maculatum Impatiens pallida Mainthemum racemosum Mertensia virginica Osmorhiza claytonii	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY	3 4 6 3 5	0 3 -3 3 -3 3	FACU FACU FACU FACU FACU	Min-Max (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2') 1-3' (2.5')	Blue Purple Yellow White Blue White				170,000 5,000 1,600 400 9,700 2,400	2.0000 2.0000 6.2500 16.0000 3.0000 4.2500	0.13 0.13 0.39 1.00 0.19 0.27	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.83%	by Seed Cou 5.7 0.3 0.1 0.4 0.4
CAMAME GERMAC IMPPAL MAIRAC MERVIR OSMCLO PERVIR	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED	3 4 6 3 5 3 2	0 3 -3 3 -3 3	FACU FACW FACU FACW FACU FACU	Min-Max (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2') 1-3' (2.5') 1-3' (2')	Blue Purple Yellow White Blue White White				170,000 5,000 1,600 400 9,700 2,400 3,500	2.0000 2.0000 6.2500 16.0000 3.0000 4.2500 3.0000	0.13 0.13 0.39 1.00 0.19 0.27 0.19	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.83% 0.58%	by Seed Cou 5.7 0.1 0.1 0.1 0.4 0.3
CAMAME GERMAC IMPPAL MAIRAC MERVIR OSMCLO PERVIR RUDLAC	Campanulastrum americanum Geranium maculatum Impatiens pallida Mainthemum racemosum Mertensia virginica Osmorhiza claytonii	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY	3 4 6 3 5	0 3 -3 3 -3 3	FACU FACU FACU FACU FACU	Min-Max (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2') 1-3' (2.5')	Blue Purple Yellow White Blue White				170,000 5,000 1,600 400 9,700 2,400	2.0000 2.0000 6.2500 16.0000 3.0000 4.2500	0.13 0.13 0.39 1.00 0.19 0.27	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.83%	by Seed Cou 5.7 0.1 0.1 0.1 0.4 0.1 1.4
CAMAME GERMAC IMPPAL MAIRAC MERVIR OSMCLO PERVIR RUDLAC RUDTRI SENHEB	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana Rudbeckia laciniata	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED WILD GOLDEN GLOW BROWN-EYED SUSAN WILD SENNA	3 4 6 3 5 3 2 5 3 9	0 3 -3 3 -3 3 0 -3 3	FACU FACW FACW FACW FACU FACU FACU FACW FACW FACU	Min-Max (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2.5') 1-3' (2') 5-8' (7') 4-6' (5') 3-6' (5')	Blue Purple Yellow White Blue White White Yellow Yellow Yellow				170,000 5,000 1,600 400 9,700 2,400 3,500 14,000 3,4,000 1,400	2.0000 2.0000 6.2500 16.0000 3.0000 4.2500 3.0000 6.0000 9.0000 8.0000	0.13 0.13 0.39 1.00 0.19 0.27 0.19 0.38 0.56	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.83% 0.58% 1.17% 1.75% 1.55%	by Seed Cou 5.7 0.3 0.3 0.4 0.3 1.4 5.1
CAMAME GERMAC IMPPAL MAIRAC MERVIR OSMCLO PERVIR RUDLAC RUDTRI SENHEB SILPER	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana Rudbeckia laciniata Rudbeckia triloba Senna hebecarpa Silphium perfoliatum	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED WILD GOLDEN GLOW BROWN-EYED SUSAN WILD SENNA CUP PLANT	3 4 6 3 5 3 2 5 3 9	0 3 -3 3 -3 3 0 -3 3 -3	FACU FACW FACU FACW FACU FACW FACU FACU FACW FACW FACW FACW FACW FACW FACW	Min-Mass (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 5-8' (7') 4-6' (5') 5-10' (8')	Blue Purple Yellow White Blue White White Yellow Yellow Yellow Yellow				170,000 5,000 1,600 400 9,700 2,400 3,500 14,000 34,000 1,400 1,400	2.0000 2.0000 6.2500 16.0000 3.0000 4.2500 3.0000 6.0000 9.0000 8.0000	0.13 0.13 0.39 1.00 0.19 0.27 0.19 0.38 0.56 0.50	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.83% 0.58% 1.17% 1.75% 1.55% 0.19%	by Seed Cou 5.7 0.3 0.3 0.4 0.4 0.3 1.4 5.3 0.3
CAMAME GERMAC IMPPAL MAIRAC MERVIR OSMCLO PERVIR RUDTRI SENHEB SILPER SOLFLE	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana Rudbeckia laciniata Rudbeckia triloba Senna hebecarpa Silphium perfoliatum Solidago flexicaulis	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED WILD GOLDEN GLOW BROWN-EYED SUSAN WILD SENNA CUP PLANT BROAD-LEAVED GOLDENROD	3 4 6 3 5 3 2 5 3 2 5 7	0 3 -3 3 -3 3 0 -3 -3 -3 -3 -3 3	FACU FACW FACU FACW FACU FACW FACU FACU FACW FACW FACW FACW FACW FACW FACW FACW	Min-Mas (Typical) 3-6' (5') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 5-8' (7') 4-6' (5') 3-6' (5') 5-10' (8') 2-4' (3')	Blue Purple Yellow White Blue White White Yellow Yellow Yellow Yellow				170,000 5,000 1,600 400 9,700 2,400 3,500 14,000 3,4000 1,400 84,000	2.0000 2.0000 6.2500 16.0000 3.0000 4.2500 3.0000 6.0000 9.0000 1.0000 1.0000	0.13 0.39 1.00 0.19 0.27 0.19 0.38 0.56 0.50	by Weight 0.39% 0.39% 1.21% 0.58% 0.83% 0.58% 1.17% 1.75% 0.19% 0.19%	by Seed Cou 5.7 0.3 0.3 0.4 0.4 0.3 1.4 5.3 0.3 1.4
CAMAME GERMAC IMPPAL MAIRAC MERVIR OSMCLO PERVIR RUDLAC RUDTRI SENHEB SILPER SOLFLE SYMLAT	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana Rudbeckia laciniata Rudbeckia triloba Senna hebecarpa Silphium perfoliatum Solidago flexicaulis Symphyotrichum lateriflorum	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED WILD GOLDEN GLOW BROWN-EYED SUSAN WILD SENNA CUP PLANT BROAD-LEAVED GOLDENROD SIDE-FLOWERING ASTER	3 4 6 3 5 3 2 5 3 9 5 7 4	0 3 -3 3 -3 3 0 -3 3 -3 3 -3	FACU FACW FACU FACW FACU FACW FACU FAC FACW FACW FACW FACW FACW FACW FACW	Min-Man (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 5-8' (7') 4-6' (5') 3-6' (5') 5-10' (8') 1-3' (2')	Blue Purple Yellow White Blue White White Yellow Yellow Yellow Yellow Yellow White				170,000 5,000 1,600 400 9,700 2,400 3,500 14,000 34,000 1,400 1,400 84,000 250,000	2,0000 2,0000 6,2500 16,0000 3,0000 4,2500 3,0000 9,0000 8,0000 1,0000 0,5000	0.13 0.13 0.39 1.00 0.19 0.27 0.19 0.38 0.56 0.50 0.06	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.83% 1.17% 1.75% 1.75% 0.19% 0.10%	by Seed Countries 5.7 0.1 0.3 0.1 0.4 0.1 0.4 5.1 0.0 1.4 5.1 0.1 0.0 1.4 2.1
CAMAME GERMAC IMPPAL MAIRAC MERVIR OSMICLO PERVIR RUDLAC RUDTRI SENHEB SILPER SOLFLE SYMLAT SYMPUN	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana Rudbeckia laciniata Rudbeckia trilaba Senna hebecarpa Silphium perfoliatum Solidago flexicaulis Symphyotrichum lateriflorum Symphyotrichum puniceum	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED WILD GOLDEN GLOW BROWN-EYED SUSAN WILD SENNA CUP PLANT BROAD-LEAVED GOLDENROD	3 4 6 3 5 3 2 5 3 2 5 7	0 3 -3 3 -3 3 0 -3 -3 -3 -3 -3 3	FACU FACW FACU FACW FACU FACW FACU FACU FACW FACW FACW FACW FACW FACW FACW FACW	Min-Mas (Typical) 3-6' (5') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 5-8' (7') 4-6' (5') 3-6' (5') 5-10' (8') 2-4' (3')	Blue Purple Yellow White Blue White White Yellow Yellow Yellow Yellow				170,000 5,000 1,600 400 9,700 2,400 3,500 14,000 3,4000 1,400 84,000	2.0000 2.0000 6.2500 16.0000 3.0000 4.2500 3.0000 6.0000 9.0000 1.0000 1.0000	0.13 0.39 1.00 0.19 0.27 0.19 0.38 0.56 0.50	by Weight 0.39% 0.39% 1.21% 0.58% 0.83% 0.58% 1.17% 1.75% 0.19% 0.19%	by Seed County 5.7 0.1 0.1 0.3 0.4 0.3 0.4 1.4 5.1 0.0 0.4 1.4 1.8
CAMAME GERMAC IMPPAL MAIRAC MERVIR OSMCLO PERVIR RUDLAC RUDTRI SENHEB SILPER SOLFLE SYMEAT SYMPUN SYMSAG	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana Rudbeckia laciniata Rudbeckia triloba Senna hebecarpa Silphium perfoliatum Solidago flexicaulis Symphyotrichum lateriflorum	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED WILD GOLDEN GLOW BROWN-EYED SUSAN WILD SENNA CUP PLANT BROAD-LEAVED GOLDENROD SIDE-FLOWERING ASTER BRISTLY ASTER ARROW-LEAVED ASTER WINGSTEM	3 4 6 3 5 3 2 5 3 9 5 7 4 8	0 3 -3 3 -3 3 0 -3 -3 -3 -3 -3 -3	FACU FACW FACW FACW FACW FACW FACW FACW FACW	Min-Max (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 5-8' (7') 4-6' (5') 3-6' (5') 5-10' (8') 1-3' (2') 4-6' (5') 2-4' (3') 4-9' (7')	Blue Purple Yellow White Blue White Yellow Yellow Yellow Yellow Yellow White White White				170,000 5,000 1,600 400 9,700 2,400 3,500 14,000 1,400 1,400 1,400 250,000 110,000 135,000 9,000	2,0000 2,0000 6,2500 16,0000 3,0000 4,2500 3,0000 6,0000 9,0000 1,0000 1,0000 0,5000 1,0000 6,0000 6,0000	0.13 0.13 0.39 1.00 0.19 0.27 0.19 0.38 0.56 0.50 0.06 0.03	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.88% 1.17% 1.75% 1.05% 0.19% 0.10% 0.10% 1.17% 1.17%	by Seed Cour 5.7 0.1 0.1 0.1 0.4 0.1 1.4 5.1 0.0 1.4 2.1 1.8 1.8 0.9
CAMAME GERMAC IMPPAL MAIRAC MERVIR OSMCLO PERVIR RUDLAC RUDTRI SENHEB SILPER SOLFLE SYMLAT	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana Rudbeckia laciniata Rudbeckia triloba Senna hebecarpa Silphium perfoliatum Solidago flexicaulis Symphyotrichum lateriflorum Symphyotrichum puniceum Symphyotrichum sagittifolius	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED WILD GOLDEN GLOW BROWN-EYED SUSAN WILD SENNA CUP PLANT BROAD-LEAVED GOLDENROD SIDE-FLOWERING ASTER BRISTLY ASTER ARROW-LEAVED ASTER	3 4 6 3 5 3 2 5 3 9 5 7 4 8 8	0 3 -3 3 -3 3 0 -3 -3 -3 -3 -3 -3 -3 -5 5 5	FACU FACW FACW FACW FACW FACW FACW FACW FACW	Min-Max (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2') 1-3' (2,5') 1-3' (2) 5-8' (7') 4-6' (5') 3-6' (5') 5-10' (8') 2-4' (3') 1-3' (2') 2-4' (3')	Blue Purple Yellow White Blue White Yellow Yellow Yellow Yellow White White Blue				170,000 5,000 1,600 400 9,700 2,400 3,500 14,000 1,400 1,400 44,000 250,000 110,000 135,000 9,000 111,000	2,0000 2,0000 6,2500 16,0000 3,0000 4,2500 3,0000 6,0000 1,0000 1,0000 0,5000 1,0000 6,0000 6,0000 8,0000 8,0000	0.13 0.13 0.39 1.00 0.19 0.27 0.19 0.38 0.56 0.06 0.06 0.03 0.06 0.38 0.38 0.38	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.58% 1.17% 1.75% 0.19% 0.19% 0.19% 1.17% 1.17% 1.17%	by Seed Cour 5.7 0.1 0.1 0.4 0.1 0.1 1.4 5.1 0.0 0.0 1.4 2.1 1.8 1.6 0.9
CAMAME GERMAC IMPPAL MAIRAC MERVIR OSMCLO PERVIR RUDLAC RUDTRI SENHEB SILPER SOLFLE SYMLAT SYMPUN SYMSAG VERALT	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana Rudbeckia laciniata Rudbeckia triloba Senna hebecarpa Silphium perfoliatum Solidago flexicaulis Symphyotrichum lateriflorum Symphyotrichum sagittifolius Verbesina alternifolia	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED WILD GOLDEN GLOW BROWN-EYED SUSAN WILD SENNA CUP PLANT BROAD-LEAVED GOLDENROD SIDE-FLOWERING ASTER BRISTLY ASTER ARROW-LEAVED ASTER WINGSTEM	3 4 6 3 5 3 2 5 3 2 5 3 9 5 7 4 8 5 5	0 3 -3 3 -3 3 0 -3 -3 -3 -3 -3 -5 5 -5	FACU FACW FACW FACW FACW FACW FACW FACW FACW	Min-Max (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 5-8' (7') 4-6' (5') 3-6' (5') 5-10' (8') 1-3' (2') 4-6' (5') 2-4' (3') 4-9' (7')	Blue Purple Yellow White Blue White White Yellow Yellow Yellow Yellow White White White White White White White				170,000 5,000 1,600 400 9,700 2,400 3,500 14,000 1,400 250,000 110,000 135,000 9,000 111,000 115,000 9,000 Broadleaf Subt	2,0000 2,0000 6,2500 3,0000 4,2500 3,0000 6,0000 9,0000 1,0000 1,0000 1,0000 1,0000 6,0000 6,0000 6,0000 8,0000 0,0000 6,0000 6,0000 0,	0.13 0.39 1.00 0.19 0.27 0.19 0.38 0.56 0.06 0.06 0.03 0.06 0.38 0.38 0.50 0.50 0.50 0.50 0.50	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.58% 1.17% 1.75% 1.75% 0.19% 0.19% 0.10% 1.17% 1.17% 1.17% 1.17% 1.17%	by Seed County 5.7 0.1 0.1 0.1 0.4 0.1 1.4 5.1 0.1 0.0 1.4 2.1 1.8 13.6 0.9 1.4 35.1
CAMAME GERMAC IMPPAL MAIRAC MERVIR OSMCLO PERVIR RUDLAC RUDTRI SENHEB SILPER SOLFLE SYMLAT SYMPUN SYMSAG VERALT ZIZAUR	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana Rudbeckia laciniata Rudbeckia triloba Senna hebecarpa Siliphium perfoliatum Solidago flexicaulis Symphyotrichum lateriflorum Symphyotrichum puniceum Symphyotrichum sagittyolius Verbesina alternifolia Zizia aurea	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED WILD GOLDEN GLOW BROWN-EYED SUSAN WILD SENNA CUP PLANT BROAD-LEAVED GOLDENROD SIDE-FLOWERING ASTER BRISTLY ASTER ARROW-LEAVED ASTER WINGSTEM	3 4 6 3 5 3 2 5 3 2 5 3 9 5 7 4 8 5 5	0 3 -3 3 -3 3 0 -3 -3 -3 -3 -3 -5 5 -5	FACU FACW FACW FACW FACW FACW FACW FACW FACW	Min-Max (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 5-8' (7') 4-6' (5') 3-6' (5') 5-10' (8') 1-3' (2') 4-6' (5') 2-4' (3') 4-9' (7')	Blue Purple Yellow White Blue White White Yellow Yellow Yellow Yellow White White White White White White White				170,000 5,000 1,600 400 9,700 2,400 3,500 14,000 1,400 1,400 44,000 250,000 110,000 135,000 9,000 111,000	2,0000 2,0000 6,2500 3,0000 4,2500 3,0000 6,0000 9,0000 1,0000 1,0000 1,0000 1,0000 6,0000 6,0000 6,0000 8,0000 0,0000 6,0000 6,0000 0,	0.13 0.13 0.39 1.00 0.19 0.27 0.19 0.38 0.56 0.06 0.06 0.03 0.06 0.38 0.38 0.38	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.58% 1.17% 1.75% 0.19% 0.19% 0.19% 1.17% 1.17% 1.17%	by Seed County 5.7. 0.1. 0.1. 0.3. 0.4. 0.3. 1.4. 5.1. 0.1. 1.4. 2.1. 1.8. 1.8. 1.8. 1.8. 1.9. 1.4. 3.1. 1.4. 3.1. 1.5. 1.5. 1.5. 1.5. 1.5. 1.5. 1.5
CAMAME SERMAC MPPAL MAIRAC MERVIR DSMCLO DERVIR RUDLAC RUDTRI SENNEB SINEB SOLFLE SYMLAT SYMPUN SYMSAG JERALT ZIZAUR	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana Rudbeckia laciniata Rudbeckia triloba Senna hebecarpa Silphium perfoliatum Solidaga flexicaulis Symphyotrichum lateriflorum Symphyotrichum sagittifolius Verbesina alternifolia Zizia aurea	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED WILD GOLDEN GLOW BROWN-EYED SUSAN WILD SENNA CUP PLANT BROAD-LEAVED GOLDENROD SIDE-FLOWERING ASTER BRISTLY ASTER ARROW-LEAVED ASTER WINGSTEM	3 4 6 3 5 3 2 5 3 2 5 3 9 5 7 4 8 5 5	0 3 -3 3 -3 3 0 -3 -3 -3 -3 -3 -5 5 -5	FACU FACW FACW FACW FACW FACW FACW FACW FACW	Min-Max (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 5-8' (7') 4-6' (5') 3-6' (5') 5-10' (8') 1-3' (2') 4-6' (5') 2-4' (3') 4-9' (7')	Blue Purple Yellow White Blue White White Yellow Yellow Yellow Yellow White White White White White White White				170,000 5,000 1,600 400 9,700 2,400 3,500 14,000 1,400 250,000 110,000 135,000 9,000 111,000 115,000 9,000 Broadleaf Subt	2,0000 2,0000 6,2500 3,0000 4,2500 3,0000 6,0000 9,0000 1,0000 1,0000 1,0000 1,0000 6,0000 6,0000 6,0000 8,0000 0,0000 6,0000 6,0000 0,	0.13 0.39 1.00 0.19 0.27 0.19 0.38 0.56 0.06 0.06 0.03 0.06 0.38 0.38 0.50 0.50 0.50 0.50 0.50	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.58% 1.17% 1.75% 1.75% 0.19% 0.19% 0.10% 1.17% 1.17% 1.17% 1.17% 1.17%	by Seed Cou 5.7 0.1 0.3 0.4 0.3 0.3 0.3 1.4 5.1 0.3 0.6 1.4 2.1 1.8 1.8 0.9 1.4 2.3 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8
CAMAME SERMAC IMPPAL MAIRAC MERVIR OSMICLO DERVIR RUDLAC RUDTRI SENHEB SILPER SOLFLE SYMLAT SYMSAG VERALT ZIZAUR	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana Rudbeckia laciniata Rudbeckia triloba Senna hebecarpa Siliphium perfoliatum Solidago flexicaulis Symphyotrichum lateriflorum Symphyotrichum puniceum Symphyotrichum sagittyolius Verbesina alternifolia Zizia aurea	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED WILD GOLDEN GLOW BROWN-EYED SUSAN WILD SENNA CUP PLANT BROAD-LEAVED GOLDENROD SIDE-FLOWERING ASTER BRISTLY ASTER ARROW-LEAVED ASTER WINGSTEM	3 4 6 3 5 3 2 5 3 9 5 7 4 4 8 5 7	0 3 -3 3 3 0 0 -3 3 -3 -3 -3 -3 -5 5 5	FACU FACW FACW FACW FACW FACW FACW FACW FACW	Min-Max (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 5-8' (7') 4-6' (5') 5-10' (8') 2-4' (3') 4-9' (7') 2-4' (3')	Blue Purple Yellow White Blue White Yellow Yellow Yellow White White White White White White Blue Yellow Yellow	AM		AS	170,000 5,000 1,600 400 9,700 2,400 3,500 14,000 1,400 250,000 110,000 135,000 9,000 111,000 115,000 9,000 Broadleaf Subt	2,0000 2,0000 6,2500 16,0000 3,0000 4,2500 3,0000 9,0000 1,0000 1,0000 1,0000 1,0000 6,0000 8,0000 1,0000 1,0000 6,0000 8,0000 1,0000 6,0000 8,0000 1,0000 6,0000	0.13 0.13 0.39 1.00 0.19 0.27 0.19 0.38 0.56 0.06 0.06 0.03 0.06 0.38 0.38 0.59 5.19	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.58% 1.17% 1.55% 0.19% 0.19% 0.19% 1.17% 1.55% 1.17% 1.55% 1.17%	by Seed County 5.7 0.12 0.1 0.1 0.2 0.1 0.2 0.1 0.2 0.1 1.4 5.1 0.0 1.4 2.1 1.8 13.6 0.9.9 1.4 35.1
CAMAME SERMAC IMPPAL MAIRAC MERVIR OSMCLO PERVIR RUDLAC RUDTRI SENHEB SILPER SOUFLE SYMLAT SYMPUN SYMSAG VERALT ZIZAUR	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana Rudbeckia laciniata Rudbeckia triloba Senna hebecarpa Silphium perfoliatum Solidago flexicaulis Symphyotrichum lateriflorum Symphyotrichum sagittifolius Verbesina alternifolia Zizia aurea	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED WILD GOLDEN GLOW BROWN-EYED SUSAN WILD SENNA CUP PLANT BROAD-LEAVED GOLDENROD SIDE-FLOWERING ASTER BRISTLY ASTER ARROW-LEAVED ASTER WINGSTEM GOLDEN ALEXANDERS	3 4 6 3 5 3 2 2 5 3 9 5 7 7	0 3 -3 3 3 0 -3 3 -3 -3 -3 -3 -3 -5 5 5	FACU FACW FACU FACW FACU FACW FACU FACW FACW FACW FACW FACW FACW FACW FACW	Min-Max (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 5-8' (7') 4-6' (5') 5-10' (8') 2-4' (3') 4-9' (7') 2-4' (3')	Blue Purple Yellow White Blue White White Yellow Yellow Yellow White White White White White White Blue Yellow Yellow	A M	J J J	A S (170,000 5,000 1,600 400 9,700 2,400 3,500 14,000 1,400 1,400 250,000 110,000 135,000 11,000 84,000 250,000 110,000 115,000 Broadleaf Subt SEED MIX TOTA	2,0000 2,0000 2,0000 6,2500 16,0000 3,0000 4,2500 3,0000 6,0000 1,0000 1,0000 0,5000 1,0000 6,0000 6,0000 8,0000 tals	0.13 0.13 0.39 1.00 0.19 0.27 0.19 0.38 0.56 0.06 0.06 0.03 0.06 0.38 0.38 0.59 0.38	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.58% 1.17% 1.75% 0.19% 0.19% 0.19% 1.17% 1.	by Seed Cour 5.7 0.1 0.3 0.4 0.3 0.4 0.1 1.4 5.1 0.0 1.4 2.1 1.8 13.6 0.9 1.4
CAMAME SERMAC MERVIR SSMCLO PERVIR RUDLAC RUDTRI SESENHEB SILPER SOLFLE SYMLAT SYMPUN SYMSAG VERALT ZIZAUR SUPPLEMENT Base Seed Min	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana Rudbeckia laciniata Rudbeckia triloba Senna hebecarpa Silphium perfoliatum Solidago flexicaulis Symphyotrichum lateriflorum Symphyotrichum puniceum Symphyotrichum sagittyolius Verbesina alternifolia Zizia aurea	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED WILD GOLDEN GLOW BROWN-EYED SUSAN WILD SENNA CUP PLANT BROAD-LEAVED GOLDENROD SIDE-FLOWERING ASTER BRISTLY ASTER ARROW-LEAVED ASTER WINGSTEM GOLDEN ALEXANDERS	3 4 4 6 3 3 5 5 3 3 9 9 5 7 4 4 8 8 5 5 7 7	0 3 3 -3 3 3 0 -3 3 3 -3 3 -3 -3 -5 5 -3 0 0	FACU FACW FACU FACW FACU FACW FACU FACW FACU FACW FACW FACW FACW FACW FACW FACW FACW	Min-Max (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2) 1-3' (2) 1-3' (2) 1-3' (2) 1-3' (2) 5-8' (7') 4-6' (5') 5-10' (8') 2-4' (3') 1-3' (2') 4-6' (5') 2-4' (3') 4-9' (7') 2-4' (3')	Blue Purple Yellow White Blue White White Yellow Yellow Yellow Yellow White Blue White Seed mix, hecies listed	A M	J J J	A S ()	170,000 5,000 1,600 400 9,700 2,400 3,500 14,000 1,400 1,400 1,400 250,000 110,000 135,000 110,000 Broadleaf Subt	2.0000 2.0000 6.2500 16.0000 3.0000 4.2500 3.0000 9.0000 8.0000 1.0000 0.5000 1.0000 6.0000 8.0000 6.0000 6.0000	0.13 0.19 0.19 0.27 0.19 0.38 0.56 0.50 0.06 0.03 0.06 0.38 0.50 0.50 0.19	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.83% 1.17% 1.75% 1.75% 0.19% 0.19% 0.19% 0.19% 1.17% 1.	by Seed Cour 5.7 0.1 0.1 0.4 0.1 1.4 5.1 0.1 0.1 1.4 2.1 1.8 13.6 0.9 1.4 35.1 100.0
CAMAME SERMAC MPPAL MAIRAC MERVIR DSMCLO DERVIR RUDLAC RUDTRI SENHEB SILLER SOLFLE SYMLAT SYMSAG JERALT ZIZAUR SUPPLEMENT Base Seed Mi RUDHOLD RUDTRI RUDTRI SUPPLEMENT RUDLAC RUDTRI RUDTRI RUDTRI RUDLAC RUDTRI R	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana Rudbeckia laciniata Rudbeckia triloba Senna hebecarpa Silphium perfoliatum Solidaga flexicaulis Symphyotrichum lateriflorum Symphyotrichum sagittifolius Verbesina alternifolia Zizia aurea IED MIX STATISTICS ix Including Supplemental Plugs ative Species in Mix C Value W Value	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED WILD GOLDEN GLOW BROWN-EYED SUSAN WILD SENNA CUP PLANT BROAD-LEAVED GOLDENROD SIDE-FLOWERING ASTER BRISTLY ASTER ARROW-LEAVED ASTER WINGSTEM GOLDEN ALEXANDERS 31. 31.	3 4 6 3 5 3 2 5 5 3 9 5 7 4 8 8 5 7 7 4 8 8 5 7 7 including	0 3 3 -3 3 3 0 -3 3 3 -3 -3 -5 5 5 0 0 ecies are not , habitat, anotherse species	FACU FACW FACU FACW FACU FACW FACU FACW FACU FACW FACW FACW FACW FACW FACW FACW FACW	Min-Max (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 5-8' (7') 4-6' (5') 3-6' (5') 5-10' (8') 2-4' (3') 1-3' (2') 4-6' (5') 2-4' (3') 2-4' (3') 2-4' (3') 2-4' (3') 2-4' (3') 2-4' (3')	Blue Purple Yellow White Blue White White Yellow Yellow Yellow White White Blue White White White Seed mix, hecies liste t germinate	A M	J J J	A S (170,000 1,000 1,600 9,700 2,400 3,500 1,400 1,400 34,000 250,000 110,000 135,000 9,000 135,000 Broadleaf Subt	2.0000 2.0000 6.2500 16.0000 3.0000 4.2500 3.0000 9.0000 1.0000 1.0000 1.0000 6.0000 6.0000 8.0000 6.0000	0.13 0.13 0.39 1.00 0.19 0.27 0.19 0.38 0.56 0.06 0.03 0.06 0.38 0.38 0.50 5.19 32.19	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.83% 1.17% 1.75% 1.75% 0.19% 0.19% 0.19% 0.19% 1.17% 1.	by Seed Courses 5.7 0.1 0.3 0.4 0.3 0.4 5.1 0.5 1.4 5.1 0.5 1.4 2.1 1.8 13.6 0.9 1.4 35.1 100.6
CAMAME SERMAC MPPAL MAIRAC MERVIR DSMCLO SERVIR RUDLAC RUDTRI SENHEB SUPPLEMENT SYMPAU SYMSAG FERALT FIZAUR SUPPLEMENT JASES Seed Mi RUMBER OF INTER SUPPLEMENT JASES SEED MI RUMBER OF INTER JASES SEED MI RUMBER OF I	Campanulastrum americanum Geranium maculatum Impatiens pallida Maianthemum racemosum Mertensia virginica Osmorhiza claytonii Persicaria virginiana Rudbeckia laciniata Rudbeckia triloba Senna hebecarpa Silphium perfoliatum Solidago flexicaulis Symphyotrichum lateriflorum Symphyotrichum puniceum Symphyotrichum sagittifolius Verbesina alternifolia Zizia aurea IED MIX STATISTICS Ix Including Supplemental Plugs ative Species in Mix	TALL BELLFLOWER WILD GERANIUM YELLOW JEWELWEED FEATHERY FALSE SOLOMON'S SEAL VIRGINIA BLUEBELLS HAIRY SWEET CICELY WOODLAND KNOTWEED WILD GOLDEN GLOW BROWN-EYED SUSAN WILD SENNA CUP PLANT BROAD-LEAVED GOLDENROD SIDE-FLOWERING ASTER BRISTLY ASTER ARROW-LEAVED ASTER WINGSTEM GOLDEN ALEXANDERS 31 31.	3 4 6 3 5 3 2 5 5 3 9 5 7 4 8 8 5 7 7 4 8 8 5 7 7 including	0 3 3 -3 3 3 0 -3 3 3 -3 -3 -5 5 5 0 0 ecies are not , habitat, anotherse species	FACU FACW FACU FACW FACU FACW FACU FACW FACU FACW FACW FACW FACW FACW FACW FACW FACW	Min-Max (Typical) 3-6' (5') 1-3' (2') 3-5' (4') 1-3' (2') 1-3' (2') 1-3' (2') 1-3' (2') 5-8' (7') 4-6' (5') 3-6' (5') 5-10' (8') 2-4' (3') 1-3' (2') 4-6' (5') 2-4' (3') 2-4' (3') 2-4' (3') 2-4' (3') 2-4' (3') 2-4' (3')	Blue Purple Yellow White Blue White White Yellow Yellow Yellow White White Blue White White White Seed mix, hecies liste t germinate	A M	J J J	A S (170,000 1,500 1,600 9,700 14,000 3,500 14,000 34,000 1,400 250,000 110,000 9,000 11,000 135,000 9,000 11,000 SEED MIX TOTA	2.0000 2.0000 6.2500 16.0000 3.0000 4.2500 3.0000 9.0000 1.0000 1.0000 1.0000 6.0000 6.0000 8.0000 6.0000	0.13 0.13 0.39 1.00 0.19 0.27 0.19 0.38 0.56 0.06 0.03 0.06 0.38 0.38 0.50 5.19 32.19	by Weight 0.39% 0.39% 1.21% 3.11% 0.58% 0.83% 1.17% 1.75% 1.75% 0.19% 0.19% 0.19% 0.19% 1.17% 1.	by Seed Cou 5. 0. 0. 0. 0. 0. 1. 5. 0. 0. 1. 1. 1. 1. 1. 3. 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.

ise Mix Werage Mix edian Mix ix Height I umber of I	TICS /ithout Supplemental Plugs × Height	4.0 4.0 3.0' (10), 4.0' (9), 5.0' (7), 2.0' (2), 3.5' (2)	Mix Descr	at the	Botton	of Basi	ns or S	Sw	ales)				,			nt Nursery, LLC
ise Mix W verage Mix edian Mix ix Height I umber of I	TICS //ithout Supplemental Plugs x Height c Height Mode (# of Occurrences in Mix)	4.0 4.0 3.0' (10), 4.0' (9), 5.0' (7), 2.0' (2), 3.5' (2)	Mix Descr	at the	Botton	of Basi	ns or S	Sw	ales)							
verage Mix verage Mix edian Mix ix Height I umber of I ss/Acre of	/ithout Supplemental Plugs x Height K Height Mode (# of Occurrences in Mix)	3.0' (10) , 4.0' (9), 5.0' (7), 2.0' (2), 3.5' (2)	Mix Descr														
erage Mix edian Mix ix Height I umber of I s/Acre of	x Height K Height Mode (# of Occurrences in Mix)	3.0' (10) , 4.0' (9), 5.0' (7), 2.0' (2), 3.5' (2)	Mix Descr														
lix Height I umber of I os/Acre of	Mode (# of Occurrences in Mix)	3.0' (10), 4.0' (9), 5.0' (7), 2.0' (2), 3.5' (2)			I D D D H	. D		4						and a disable of		4	
umber of I			40 h a										as that flood p				
os/Acre of	Native Species in Mix	6.0' (2), 7.0' (2), 1.0' (1), 1.5' (1), 2.5 (1), 8.0	and is ide	eal for plant	ing in the bo	tom of dry-bo	ttom dete	ntion	basins	, wi	ithin	the	species that to "Bounce Zone e with over 56	e" on detentio	on basin slop	oes, dry-bott	tom bioswales
		38	lunge	_						_			this mix does p				_
	per Square Foot	30.3						_					being grass &				
tive FQI	per square root	30.2					_						ix can be supp			_	
tive Mear		4.9											g-term health				
	n W Value etland Category	-0.4		M	-4Jb-bili	- 24 000/1											
tional we	etiano category	Facultative - Equally likely to occur in wetlan	as or non-we	tiands (estim	ated probabili	y 54 - 66%)											
asses, Sec	dges, & Rushes																
ACRONYM	SCIENTIFIC NAME	COMMON NAME	C-Value	W-Value	WETNESS	HEIGHT	COLOR		BLOOF				SEEDS/OZ	OZ/ACRE	LB/ACRE		OF MIX
						Min-Max (Typical		Α	M J	JA	1 5	0	-				by Seed Cour
NDGER (BEBB	Andropogon gerardii Carex bebbii	BIG BLUESTEM GRASS BEBB'S OVAL SEDGE	5	-5	FAC OBL	6-8' (7') 2-4' (3')	N/A N/A	+		+		H	10,000 34,000	64.0000 2.0000	4.00 0.13	13.20% 0.41%	4.9: 0.5:
BREV	Carex bestin	PLAINS OVAL SEDGE	4	0	FAC	6"-18" (12")	N/A	+		+	+	\forall	29,000	4.0000	0.15	0.41%	0.8
HYST	Carex hystericina	PORCUPINE SEDGE	5	-5	OBL	2-4' (3')	N/A	\Box		\top	\top	\Box	30,000	4.0000	0.25	0.82%	0.9
VULP	Carex vulpinoidea	BROWN FOX SEDGE	2	-3	FACW	2-4' (3')	N/A	\Box		\perp	\perp		100,000	8.0000	0.50	1.65%	6.1
EPAL	Eleocharis palustris	GREAT SPIKE RUSH	10	-5	OBL	6"-18" (12")	N/A	\vdash	+	+	+	\vdash	51,000	4.0000	0.25	0.82%	1.5
/CAN /VIR	Elymus canadensis Elymus virginicus	CANADA WILD RYE VIRGINIA WILD RYE	4	-3	FACU FACW	2-5' (3.5') 3-5' (4')	N/A N/A	+	-	+	+	₩	5,200 4,200	32.0000 48.0000	2.00 3.00	6.60% 9.90%	1.2
NDUD	Juncus dudleyi	DUDLEY'S RUSH	4	-3	FACW	1-3' (2')	N/A	+	-		+	+	3,200,000	1.0000	0.06	0.21%	24.5
NVIR	Panicum virgatum	SWITCH GRASS	5	0	FAC	3-5' (4')	N/A	П					14,000	80.0000	5.00	16.49%	8.5
HSCO	Schizachyrium scoparium	LITTLE BLUESTEM GRASS	5	3	FACU	2-3' (3')	N/A						15,000	64.0000	4.00	13.20%	7.3
RNUT	Sorghastrum nutans	INDIAN GRASS	5	3	FACU	3-7' (6')	N/A	ш	44			щ	12,000	16.0000	1.00	3.30%	1.4
												L	Grass/Sedge Su	ptotals	20.44	67.42%	59.77
owers & C	Other Broadleaves																
ACRONYM	SCIENTIFIC NAME	COMMON NAME	C-Value	W-Value	WETNESS	HEIGHT	COLOR		BLOOM	M TI							
LCER	Allium cernuum	NODDING WILD ONION	7										SEEDS/OZ	OZ/ACRE	LB/ACRE		OF MIX
CINC		MODDING WILD ONION			EACH	Min-Max (Typical		Α	M J			0			LB/ACRE	by Weight	by Seed Cour
IAFAS		SWAMP MILKWEED	4	-5	FACU	1-2' (1.5')	Pink	A				0	7,600	4.0000	0.25	by Weight 0.82%	by Seed Cour 0.2
	Asclepias incarnata Chamaecrista fasciculata	PARTRIDGE PEA	4 5	-5 3	FACU OBL FACU			A				0				by Weight	by Seed Cour 0.2 0.8
ORTRP	Chamaecrista fasciculata Coreopsis tripteris	PARTRIDGE PEA TALL COREOPSIS	5	-5 3 0	OBL FACU FAC	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7')	Pink Magenta Yellow Yellow	A				0	7,600 4,800 2,700 14,000	4,0000 24,0000 16,0000 6,0000	0.25 1.50 1.00 0.38	by Weight 0.82% 4.95% 3.30% 1.24%	0.2 0.8 0.3 0.6
ORTRP ESCAA	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL	5 5 4	-5 3 0	OBL FACU FAC FACU	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5')	Pink Magenta Yellow Yellow Purple	A				0	7,600 4,800 2,700 14,000 5,500	4,0000 24,0000 16,0000 6,0000 4,0000	0.25 1.50 1.00 0.38 0.25	by Weight 0.82% 4.95% 3.30% 1.24% 0.82%	0.2 0.8 0.3 0.6 0.1
ORTRP ESCAA CHPUR	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER	5 5 4 3	-5 3 0 3 5	OBL FACU FAC FACU UPL	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4')	Pink Magenta Yellow Yellow Purple Purple	A				0	7,600 4,800 2,700 14,000 5,500 6,600	4,0000 24,0000 16,0000 6,0000 4,0000 16,0000	0.25 1.50 1.00 0.38 0.25 1.00	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 3.30%	0.2 0.8 0.3 0.6 0.1
SCAA HPUR	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL	5 5 4	-5 3 0	OBL FACU FAC FACU	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-5' (4')	Pink Magenta Yellow Yellow Purple	A				0	7,600 4,800 2,700 14,000 5,500 6,600 7,500	4,0000 24,0000 16,0000 6,0000 4,0000	0.25 1.50 1.00 0.38 0.25	by Weight 0.82% 4.95% 3.30% 1.24% 0.82%	by Seed Cour 0.2 0.8 0.3 0.6 0.1 0.8 0.6
ORTRP ESCAA CHPUR RYYUC JPPER	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER	5 5 4 3 9	-5 3 0 3 5	FACU FACU FACU UPL FAC	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-5' (4') 3-6' (4') 2-4' (3')	Pink Magenta Yellow Yellow Purple Purple White	A				0	7,600 4,800 2,700 14,000 5,500 6,600	4,0000 24,0000 16,0000 6,0000 4,0000 16,0000 12,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 3.30% 2.47%	by Seed Cour 0.2 0.8 0.3 0.6 0.1 0.8 0.6 0.6
DRTRP ESCAA CHPUR RYYUC JPPER JTGRA JTMAC	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED	5 5 4 3 9 4 4 4	-5 3 0 3 5 0 -5 -3	OBL FACU FACU UPL FAC OBL FACW OBL	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-5' (4') 3-6' (4') 2-4' (3') 4-7' (5')	Pink Magenta Yellow Yellow Purple Purple White White Yellow Pink	A				0	7,600 4,800 2,700 14,000 5,500 6,600 7,500 160,000 350,000 95,000	4.0000 24.0000 16.0000 6.0000 4.0000 16.0000 12.0000 0.5000 1.0000 2.0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 3.30% 2.47% 0.10% 0.21% 0.41%	by Seed Cour 0.2 0.8 0.3 0.6 0.1 0.8 0.6 0.6 0.6
ORTRP SCAA SHPUR SYYUC SPPER STGRA STMAC SLAUT	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED	5 5 4 3 9 4 4 4 5	-5 3 0 3 5 0 -5 -3	OBL FACU FAC FACU UPL FAC OBL FACW OBL FACW	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-5' (4') 3-6' (4') 2-4' (3') 4-7' (5') 2-5' (4')	Pink Magenta Yellow Yellow Purple Purple White White Yellow Pink Yellow	A				0	7,600 4,800 2,700 14,000 5,500 6,600 7,500 160,000 350,000 95,000	4,0000 24,0000 16,0000 6,0000 4,0000 12,0000 0,5000 1,0000 2,0000 3,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 3.30% 2.47% 0.10% 0.21% 0.41% 0.62%	by Seed Cour 0.2 0.8 0.3 0.6 0.1 0.8 0.6 0.6 2.6 1.4
DRTRP ESCAA CHPUR RYYUC JPPER JTGRA JTMAC ELAUT JHEUC	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnole Kuhnia eupatorioides corymbulosa	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED FALSE BONESET	5 5 4 3 9 4 4 4	-5 3 0 3 5 0 -5 -3 -5	OBL FACU FAC FACU UPL FAC OBL FACW OBL FACW UPL	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-5' (4') 2-4' (3') 2-4' (3') 2-5' (4') 2-5' (4')	Pink Magenta Yellow Yellow Purple Purple White White Yellow Pink Yellow White	A				0	7,600 4,800 2,700 14,000 5,500 6,600 7,500 160,000 350,000 95,000 32,000	4,0000 24,0000 16,0000 6,0000 4,0000 16,0000 0,5000 1,0000 2,0000 3,0000 4,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 3.30% 2.47% 0.10% 0.21% 0.41% 0.62% 0.82%	by Seed Cour 0.2 0.8 0.3 0.6 0.1 0.8 0.6 0.6 0.6 2.6 1.4 2.9 0.9
ORTRP SCAA SHPUR SYYUC SIPPER STGRA STMAC SLAUT SHEUC ONFIS	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED	5 5 4 3 9 4 4 4 5 6	-5 3 0 3 5 0 -5 -3	OBL FACU FAC FACU UPL FAC OBL FACW OBL FACW	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-5' (4') 3-6' (4') 2-4' (3') 4-7' (5') 2-5' (4')	Pink Magenta Yellow Yellow Purple Purple White White Yellow Pink Yellow	A				0	7,600 4,800 2,700 14,000 5,500 6,600 7,500 160,000 350,000 95,000	4,0000 24,0000 16,0000 6,0000 4,0000 12,0000 0,5000 1,0000 2,0000 3,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 3.30% 2.47% 0.10% 0.21% 0.41% 0.62%	by Seed Cour 0.2 0.8 0.3 0.6 0.1 0.8 0.6 0.6 2.6 1.4 2.9 0.9
SCAA CHPUR CYYUC DPPER DTGRA DTMAC ELAUT DHEUC ONFIS ENDIG CVIR	Chamaecrista fosciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT	5 5 4 3 9 4 4 4 5 6 4	-5 3 0 3 5 0 -5 -3 -5 -3 5 3 0	OBL FACU FAC UPL FAC OBL FACW OBL FACW UPL FACW FACW FACW FACW FACW FACW FACW FACW	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-5' (4') 3-6' (4') 2-4' (3') 4-7' (5') 2-5' (4') 2-5' (3') 3-5' (4') 2-5' (3-5')	Pink Magenta Yellow Yellow Purple Purple White Yellow Pink Yellow White Yellow White White White White	A				0	7,600 4,800 2,700 14,000 5,500 6,600 7,500 160,000 350,000 95,000 130,000 32,000 70,000 130,000 220,000	4,0000 24,0000 16,0000 6,0000 1,0000 12,0000 1,0000 1,0000 2,0000 4,0000 4,0000 4,0000 2,0000 2,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.25	by Weight 0.82% 4.95% 1.24% 0.82% 3.30% 2.47% 0.10% 0.21% 0.62% 0.82% 0.82% 0.82% 0.41%	by Seed Cour 0.2 0.8 0.3 0.6 0.1 0.6 0.6 0.6 2.6 1.4 4 2.9 0.9 2.1 3.9
ORTRP ESCAA HPUR HYVUC IPPER ITGRA ITMAC ELAUT IHEUC ONFIS NDIG ICVIR	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia hirta	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOYE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN	5 5 4 3 9 4 4 4 5 6 4 4 5	-5 3 0 3 5 0 -5 -3 -5 -3 5 0	OBL FACU UPL FAC OBL FACW OBL FACW UPL FACW FACW FACW FACW FACW FACU FACU FACU FACU FACU	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 3-6' (4') 2-4' (3') 4-7' (5') 2-5' (4') 2-5' (3') 3-5' (4') 2-5' (3') 3-5' (4') 2-5' (3-2) 3-5' (4') 2-5' (3-2) 3-5' (4') 2-5' (3-2)	Pink Magenta Yellow Yellow Purple White White White Yellow Pink Yellow White White White Yellow White Purple White White Yellow	A				0	7,600 4,800 2,700 14,000 5,500 6,600 7,500 350,000 95,000 130,000 70,000 130,000 130,000 92,000	4,0000 24,0000 16,0000 6,0000 12,0000 12,0000 0,5000 1,0000 2,0000 3,0000 4,0000 4,0000 4,0000 2,0000 8,0000 8,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.25	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 0.30% 0.10% 0.10% 0.62% 0.82% 0.82% 0.82% 0.41% 1.65%	by Seed Cour 0.2 0.8 0.3 0.6 0.1 0.6 0.6 2.6 2.6 1.4 2.9 0.9 3.3 3.9
ORTRP SCAA HPUR YYUC IPPER ITGRA ITMAC ELAUT HEUC OONFIS NDIG CVIR JOHIR	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum wirginianum Rudbeckia hirta Rudbeckia subtomentosa	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PUPPLE CONEFLOWER RATTLESNAKE MASTER COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN	5 5 4 3 9 4 4 4 4 5 6 4 4 9	-5 3 0 3 5 0 -5 -3 -5 -3 -5 -3 -3 3 0 0	OBL FACU UPL FAC OBL FACW OBL FACW UPL FACW FACW FACW FACW FACU FACU FACU FACU FACU FACU FACU	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-5' (4') 2-5' (4') 2-5' (4') 2-5' (3') 4-7' (5') 2-5' (4') 2-5' (3') 4-7' (5') 2-5' (3') 2-5' (3') 3-6' (4') 2-5-5' (3-5') 1-4' (3') 2-3' (2.5') 3-6' (5')	Pink Magenta Yellow Yellow Purple Purple White White Yellow Pink Yellow White Purple White Purple White Yellow Yellow White Purple White White Yellow Yellow	A				0	7,600 4,800 2,700 14,000 5,500 6,600 7,500 160,000 95,000 130,000 32,000 70,000 130,000 220,000 43,000	4,0000 24,0000 16,0000 6,0000 16,0000 12,0000 0,5000 1,0000 2,0000 4,0000 4,0000 4,0000 4,0000 4,0000 4,0000 4,0000 4,0000 4,0000 4,0000 4,0000 4,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.25 0.13	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 0.10% 0.10% 0.41% 0.62% 0.82% 0.82% 0.41% 0.65% 0.82%	by Seed Cour 0.2 0.8 0.3 0.6 0.6 0.6 0.6 2.6 1.4 2.9 0.9 3.3 3.3 5.6 6.1.3
ORTRP SCAA HPUR SYYUC JPPER JTTGRA JTTMAC LAUT JHEUC ONFIS NDIG CVIR JOHIR JDSUB JDTRI	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia hirta	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOYE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN	5 5 4 3 9 4 4 4 5 6 4 4 5	-5 3 0 3 5 0 -5 -3 -5 -3 5 0	OBL FACU UPL FAC OBL FACW OBL FACW UPL FACW FACW FACW FACW FACW FACU FACU FACU FACU FACU	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 3-6' (4') 2-4' (3') 4-7' (5') 2-5' (4') 2-5' (3') 3-5' (4') 2-5' (3') 3-5' (4') 2-5' (3-2) 3-5' (4') 2-5' (3-2) 3-5' (4') 2-5' (3-2)	Pink Magenta Yellow Yellow Purple White White White Yellow Pink Yellow White White White Yellow White Purple White White Yellow	A					7,600 4,800 2,700 14,000 5,500 6,600 7,500 350,000 95,000 130,000 70,000 130,000 130,000 92,000	4,0000 24,0000 16,0000 6,0000 12,0000 12,0000 0,5000 1,0000 2,0000 3,0000 4,0000 4,0000 4,0000 2,0000 8,0000 8,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.25	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 0.30% 0.10% 0.10% 0.62% 0.82% 0.82% 0.82% 0.41% 1.65%	by Seed Cour 0.2 0.8 0.3 0.6 0.1 0.6 0.6 0.6 2.6 1.4 2.9 0.9 2.1 3.9 3.3 3.3 5.6
ORTRP SCAA HPUR YYUC IPPER ITGRA ITMAC ILAUT IHEUC ONFIS NDIG CVIR IDHIR IDSUB JDTRI JLAC	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia hirta Rudbeckia subtomentosa Rudbeckia triloba Silphium laciniatum Solidago riddellii	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN BROWN-EYED SUSAN COMPASS PLANT RIDDELL'S GOLDENROD	5 5 4 3 9 4 4 4 5 6 6 6 4 4 5 7 7	-5 3 0 3 5 0 -5 -3 -5 3 0 -3 3 3 3 3 3 5 5	OBL FACU UPL FAC OBL FACW OBL FACW UPL FACW FACW UPL FACU FACU FACU FACU FACU FACU FACU FACU	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-5' (4') 2-6' (3') 4-7' (5') 2-5' (3') 2-5' (4') 2-5' (3') 4-7' (5') 2-5' (3') 3-5' (4') 2-5-5' (3.5') 1-4' (3') 2-3' (2.5') 3-6' (5') 4-6' (5') 4-6' (5') 2-4' (3')	Pink Magenta Yellow Yellow Purple Purple White White Wellow Pink Yellow White White White Yellow White White White White White White Yellow Yellow Yellow	A					7,600 4,800 2,700 14,000 5,500 6,600 7,500 160,000 130,000 95,000 130,000 70,000 130,000 220,000 92,000 43,000 34,000 34,000 34,000	4,0000 24,0000 16,0000 6,0000 12,0000 0,5000 1,0000 2,0000 4,0000 4,0000 4,0000 2,0000 1,0000 2,0000 1,0000 2,0000 2,0000 1,0000 2,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.25 0.13 0.50 0.25 0.19 0.06 0.13	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 0.10% 0.21% 0.41% 0.62% 0.82% 0.82% 0.41% 0.65% 0.82% 0.062% 0.062% 0.062% 0.021% 0.041%	by Seed Cour 0.2 0.8 0.3 0.6 0.6 0.6 2.6 2.6 2.9 0.9 3.3 5.6 0.7 0.7
ORTRP SCAA HPUR YYUC IPPER ITGRA ITMAC ILLUT IHEUC ONFIS NDIG CVIR IDHIR IDSUB IDTRI LLAC LLAC ILRIG	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia hirta Rudbeckia subtomentosa Rudbeckia triloba Silphium laciniatum Solidago riddellii Solidago rigida	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN BROWN-EYED SUSAN COMPASS PLANT RIDDELL'S GOLDENROD STIFF GOLDENROD	5 5 4 3 9 4 4 4 5 6 6 4 4 5 7 7 7 7	-5 3 0 3 5 0 -5 -3 -5 -3 -5 3 0 0 -5 -3 3 -5 3 0 0 -5 3 3 -5 3 0 0 0 3 3 0 0 3 3 3 3 3 3 3 3 3 3 3	OBL FACU UPL FAC OBL FACW UPL FACW OBL FACW UPL FACW UPL FACU UPL FACU FACU FACU FACU FACU FACU FACU FACU	1-2'(1.5') 3-5'(4') 1-3'(2') 5-8'(7') 3-6'(5') 2-5'(4') 2-5'(4') 2-4'(3') 4-7'(5') 2-5'(4') 2-5'(4') 2-5'(3') 2-5'(4') 2-5'(3') 3-6'(5') 4-6'(5') 6-9'(8') 3-6'(4') 3-6'(4')	Pink Magenta Yellow Yellow Purple Purple White White Yellow Pink Yellow White Yellow Yellow Yellow Yellow Yellow Yellow	A					7,600 4,800 2,700 14,000 14,000 5,500 6,600 7,500 160,000 95,000 130,000 92,000 130,000 220,000 43,000 34,000 660 93,000 41,000	4,0000 24,0000 16,0000 6,0000 4,0000 12,0000 0,5000 2,0000 4,0000 4,0000 4,0000 4,0000 3,0000 1,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.13 0.50 0.25 0.13 0.50 0.25 0.13 0.06	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 0.10% 0.10% 0.21% 0.62% 0.82% 0.82% 0.82% 0.82% 0.82% 0.41% 1.65% 0.82% 0.62% 0.10%	by Seed Cour 0.2 0.8 0.3 0.6 0.1 0.6 0.6 2.6 1.4 2.9 0.9 3.3 5.6 1.3 0.7 0.0 0.1
ORTRP SCAA HPUR SYYUC SIPPER STERA S	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia shirta Rudbeckia shirta Rudbeckia triloba Silphium laciniatum Solidago riddellii Solidago rigida Symphyotrichum novae-angliae	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN BROWN-EYED SUSAN COMPASS PLANT RIDDELL'S GOLDENROD STIFF GOLDENROD NEW ENGLAND ASTER	5 5 4 3 9 4 4 4 5 6 4 4 5 5 1 9 3 5 7 7	-5 3 0 3 5 0 -5 -3 -5 3 0 -3 3 3 3 3 3 3 3 3	OBL FACU UPL FAC OBL FACW OBL FACW UPL FACW UPL FACU FACU UPL FACU FACU FACU FACU FACU FACU FACU FACU	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-5' (4') 3-6' (4') 2-4' (3') 4-7' (5') 2-5' (4') 2-5' (3.5') 1-4' (3') 2-3' (2.5') 3-6' (5') 4-6' (5') 6-9' (8') 2-4' (3') 4-6' (5')	Pink Magenta Yellow Yellow Yellow Purple White Yellow Pink Yellow White Yellow White White White Yellow Yellow Yellow Yellow Yellow Yellow Yellow Yellow Purple Purple	A					7,600 4,800 2,700 14,000 5,500 6,600 7,500 350,000 95,000 70,000 130,000 130,000 220,000 92,000 43,000 660 93,000 660 93,000	4,0000 24,0000 16,0000 6,0000 12,0000 12,0000 1,0000 2,0000 4,0000 4,0000 4,0000 4,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,5000 6,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.13 0.50 0.19 0.06 0.13 0.09 0.38	by Weight 0.82% 4.95% 1.24% 0.82% 1.24% 0.82% 0.10% 0.10% 0.21% 0.62% 0.82% 0.82% 0.41% 1.65% 0.82% 0.62% 0.10% 0.	by Seed Cour 0.2 0.8 0.3 0.6 0.6 0.6 0.6 2.6 1.4 4 2.9 0.9 2.1 3.9 3.3 5.6 1.3 0.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
DRTRP DRTRP DRAG DRAG DRAG DRAG DRAG DRAG DRAG DRAG	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Hellenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia hirta Rudbeckia subtomentosa Rudbeckia subtomentosa Silphium laciniatum Solidago riddellii Solidago rigida Symphyotrichum novae-angliae Thalictrum dasycarpum	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN BROWN-EYED SUSAN COMPASS PLANT RIDDELL'S GOLDENROD STIFF GOLDENROD NEW ENGLAND ASTER PURPLE MEADOW RUE	5 5 4 3 9 4 4 4 5 6 4 4 5 5 7 7 4 4 5 5 7 7 7 4 4 5 7 7 7 7	-5 3 0 3 5 0 -5 -3 -5 -3 3 0 3 3 3 3 3 3 5 5	OBL FACU UPL FACW OBL FACW UPL FACW UPL FACW UPL FACU FACU FACU FACU FACU FACU FACU FACU	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-5' (4') 2-4' (3') 4-7' (5') 2-5' (3') 3-5' (4') 2-5' (3') 3-5' (4') 2-5' (3') 3-6' (5') 4-6' (5') 6-9' (8') 2-4' (3') 3-6' (4') 4-6' (5') 4-7' (6')	Pink Magenta Yellow Yellow Purple Purple White Yellow Pink Yellow White Purple White Purple White Purple White Yellow	A				0	7,600 4,800 2,700 14,000 5,500 6,600 7,500 350,000 95,000 130,000 70,000 130,000 92,000 92,000 43,000 43,000 660 93,000 41,000	4,0000 24,0000 16,0000 6,0000 12,0000 1,0000 2,0000 3,0000 4,0000 4,0000 4,0000 3,0000 1,0000 2,0000 1,0000 4,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.25 0.13 0.50 0.25 0.13 0.50 0.38 0.06 0.13 0.09 0.38	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 0.10% 0.10% 0.10% 0.41% 0.62% 0.82% 0.82% 0.82% 0.41% 0.62% 0.10% 0.	by Seed Cour 0.2 0.8 0.3 0.6 0.1 0.6 0.6 2.6 2.6 2.9 0.9 3.3 5.6 1.3 0.7 0.0 1.4 2.9 0.9 1.3 1.4 2.9 0.9 1.4 2.9 1.4 2.9 1.4 2.9 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6
DRTRP ESCAA CHPUR RYYUC JPPER JTGRA JTMAC ELAUT	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia shirta Rudbeckia shirta Rudbeckia triloba Silphium laciniatum Solidago riddellii Solidago rigida Symphyotrichum novae-angliae	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN BROWN-EYED SUSAN COMPASS PLANT RIDDELL'S GOLDENROD STIFF GOLDENROD NEW ENGLAND ASTER	5 5 4 3 9 4 4 4 5 6 4 4 5 5 1 9 3 5 7 7	-5 3 0 3 5 0 -5 -3 -5 3 0 -3 3 3 3 3 3 3 3 3	OBL FACU UPL FAC OBL FACW OBL FACW UPL FACW UPL FACU FACU UPL FACU FACU FACU FACU FACU FACU FACU FACU	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-5' (4') 3-6' (4') 2-4' (3') 4-7' (5') 2-5' (4') 2-5' (3.5') 1-4' (3') 2-3' (2.5') 3-6' (5') 4-6' (5') 6-9' (8') 2-4' (3') 4-6' (5')	Pink Magenta Yellow Yellow Yellow Purple White Yellow Pink Yellow White Yellow White White White Yellow Yellow Yellow Yellow Yellow Yellow Yellow Yellow Purple Purple	A				0	7,600 4,800 2,700 14,000 5,500 6,600 7,500 350,000 95,000 70,000 130,000 130,000 220,000 92,000 43,000 660 93,000 660 93,000	4,0000 24,0000 16,0000 6,0000 12,0000 12,0000 1,0000 2,0000 4,0000 4,0000 4,0000 4,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,0000 1,5000 6,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.13 0.50 0.19 0.06 0.13 0.09 0.38	by Weight 0.82% 4.95% 1.24% 0.82% 1.24% 0.82% 0.10% 0.10% 0.21% 0.62% 0.82% 0.82% 0.41% 1.65% 0.82% 0.62% 0.10% 0.	by Seed Coun 0,2: 0,8:4 0,3: 0,6: 0,6: 0,6: 0,6: 1,44 2,99 0,3: 3,9: 3,9: 3,9: 4,0: 1,14 0,4: 2,9: 0,4: 0,4: 0,4: 0,4: 0,4: 0,4: 1,4: 1,4: 1,4: 1,4: 1,4: 1,4: 1,4: 1
ORTRP SSCAA CHPUR SSCAA CHPUR CHYVUC JPPER JTGRA JTGRA JTGRA JTMAC ELAUT JHEUC ONFIS NDIG CCVIR JDHIR JDSUB JDTRI LLAC DLRID DLRID DLRID DLRID DLRIG MNOV JADAD ERFAS ERFAS	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia hirta Rudbeckia subtomentosa Rudbeckia triloba Silphium laciniatum Solidago riddellii Solidago rigida Symphyotrichum novae-angliae Thalictrum dasycarpum Vernonia fasciculata	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PUPPLE CONEFLOWER RATTLESNAKE MASTER COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN BROWN-EYED SUSAN COMPASS PLANT RIDDELL'S GOLDENROD STIFF GOLDENROD NEW ENGLAND ASTER PURPLE MEADOW RUE COMMON IRONWEED	5 5 4 3 9 4 4 4 5 6 6 4 4 5 7 7 7 4 4 4 5 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	-5 3 0 3 5 0 -5 -3 -5 3 0 -5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	OBL FACU UPL FAC OBL FACW UPL FACW OBL FACW UPL FACW UPL FACU FACU FACU FACU FACU FACU FACU FACU	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-5' (4') 2-5' (4') 2-5' (3') 4-7' (5') 2-5' (3') 2-5' (3') 2-5' (3') 2-5' (3') 2-5' (3') 2-5' (3') 2-6' (5') 4-6' (5') 4-6' (5') 4-6' (5') 4-6' (5')	Pink Magenta Yellow Yellow Purple Purple White White Yellow Pink Yellow White Purple White Purple Whote Yellow	A					7,600 4,800 2,700 14,000 14,000 5,500 6,600 7,500 150,000 350,000 95,000 20,000 130,000 32,000 92,000 43,000 93,000 41,000 660 93,000 11,000 24,000 11,000	4,0000 24,0000 16,0000 6,0000 12,0000 1,0000 1,0000 2,0000 4,0000 4,0000 4,0000 1,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.25 0.13 0.50 0.25 0.19 0.06 0.13 0.09 0.38 0.25 0.38 0.25 0.38	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 0.10% 0.10% 0.10% 0.62% 0.82% 0.82% 0.82% 0.82% 0.10% 0.	by Seed Coun 0.2: 0.84 0.3: 0.64 0.17: 0.8: 0.65 0.66 1.44 2.99 0.99 3.33: 5.66 1.34 0.74 0.40 1.44 0.44 1.41 1.44 1.45 1.44 1.44 1.44 1.44 1
ORTRP OSCAA IHPUR IYYUC IPPER ITMAC	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Euptaorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnole Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia hirta Rudbeckia subtomentosa Rudbeckia triloba Silphium laciniatum Solidago riddellii Solidago rigida Symphyotrichum novae-angliae Thalictrum dasycarpum Vernonia fasciculata Verbena hastata	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN COMPASS PLANT RIDDELL'S GOLDENROD STIFF GOLDENROD NEW ENGLAND ASTER PURPLE MEADOW RUE COMMON IRONWEED BLUE VERVAIN	5 5 4 3 9 4 4 4 5 6 4 4 5 5 6 4 4 4 5 5 7 7 7 7 7 8 7 7 7 7 7 7 7 7 7 7 7 7	-5 3 0 3 5 0 -5 -3 -5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	OBL FACU UPL FAC OBL FACW OBL FACW UPL FACW UPL FACU UPL FACU UPL FACU FACU FACU FACU FACU FACU FACU FACU	1-2'(1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-4' (3') 4-7' (5') 2-5' (4') 2-5' (3-5') 1-4' (3') 2-3' (2.5') 4-6' (5') 4-6' (5') 4-6' (5') 4-6' (5') 4-7' (6') 4-7' (5')	Pink Magenta Yellow Yellow Yellow Purple White Yellow Pink Yellow White Yellow White White White White White White White Yellow Yellow Yellow Yellow Yellow Purple Cream Purple Blue	A					7,600 4,800 2,700 14,000 5,500 6,600 7,500 160,000 350,000 95,000 130,000 92,000 43,000 34,000 34,000 41,000 65,000 41,000 65,000 11,000 24,000 93,000 11,000	4,0000 24,0000 16,0000 6,0000 12,0000 12,0000 2,0000 3,0000 4,0000 4,0000 4,0000 2,0000 1,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.25 0.13 0.50 0.13 0.90 0.38 0.25 0.38 0.25 0.38 0.25	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 0.10% 0.41% 0.62% 0.82% 0.82% 0.41% 0.62% 0.82% 0.41% 0.41% 0.52% 0.82% 0.82% 0.41% 0.82%	by Seed Coun 0,2: 0,8: 0,6: 0,6: 0,6: 0,6: 0,6: 1,4: 2,9: 0,9: 1,4: 1,3: 5,6: 1,3: 0,7: 0,0: 1,4: 0,4: 1,4: 1,4: 1,4: 1,4: 1,4: 1,4: 1,4: 1
RTRP SCAA HPUR YYUC PPER TGRA TMAC LAUT HEUC DONFIS NDIG CVIR IDHIR DOSUB DTRI LAC LRID LRID LRIG MNOV ADAD RFAS RHAS RHAS	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia hirta Rudbeckia sibtomentosa Rudbeckia triloba Silphium laciniatum Solidago riddellii Solidago rigida Symphyotrichum novae-angliae Thalictrum dasycarpum Vernonia fasciculata Verbena hastata Zizia aurea	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN COMPASS PLANT RIDDELL'S GOLDENROD STIFF GOLDENROD NEW ENGLAND ASTER PURPLE MEADOW RUE COMMON IRONWEED BLUE VERVAIN	5 5 4 3 9 4 4 4 5 6 4 4 5 5 6 4 4 4 5 5 7 7 7 7 7 8 7 7 7 7 7 7 7 7 7 7 7 7	-5 3 0 3 5 0 -5 -3 -5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	OBL FACU UPL FAC OBL FACW OBL FACW UPL FACW UPL FACU UPL FACU UPL FACU FACU FACU FACU FACU FACU FACU FACU	1-2'(1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-4' (3') 4-7' (5') 2-5' (4') 2-5' (3-5') 1-4' (3') 2-3' (2.5') 4-6' (5') 4-6' (5') 4-6' (5') 4-6' (5') 4-7' (6') 4-7' (5')	Pink Magenta Yellow Yellow Yellow Purple White Yellow Pink Yellow White Yellow White White White White White White White Yellow Yellow Yellow Yellow Yellow Purple Cream Purple Blue	A					7,600 4,800 2,700 14,000 14,000 5,500 6,600 7,500 150,000 350,000 95,000 20,000 130,000 32,000 92,000 43,000 93,000 41,000 660 93,000 11,000 24,000 11,000	4,0000 24,0000 16,0000 6,0000 12,0000 12,0000 2,0000 3,0000 4,0000 4,0000 4,0000 2,0000 1,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.25 0.13 0.50 0.25 0.19 0.06 0.13 0.09 0.38 0.25 0.38 0.25 0.38	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 0.10% 0.10% 0.10% 0.62% 0.82% 0.82% 0.82% 0.82% 0.10% 0.	by Seed Coun 0.2: 0.8: 0.3: 0.6: 0.6: 0.6: 0.6: 1.4: 2.9: 0.9: 3.3: 5.6: 1.3: 0.7: 0.0: 1.4: 2.9: 1.3: 4.4: 2.9: 1.3: 4.4: 2.9: 4.4: 2.9: 4.4: 4.4: 4.4: 4.4: 4.4: 4.4: 4.4: 4
RTRP SCAA HPUR SCAA HPUR YYUC PPER TGRA TTMAC LAUT HEUC DONFIS NDIG CVIR DHIR DSUB DTRI LAC LRID LAC LRID LRID LRIG MNOV ADAD RFAS RHAS AUR	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia hirta Rudbeckia subtomentosa Rudbeckia triloba Silphium laciniatum Solidago riddellii Solidago riddel Symphyotrichum novae-angliae Thalictrum dasycarpum Vernonia fasciculata Verbena hastata Zizia aurea	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN COMPASS PLANT RIDDELL'S GOLDENROD STIFF GOLDENROD NEW ENGLAND ASTER PURPLE MEADOW RUE COMMON IRONWEED BLUE VERVAIN	5 5 4 3 9 4 4 4 5 6 4 4 5 5 6 4 4 4 5 5 7 7 7 7 7 8 7 7 7 7 7 7 7 7 7 7 7 7	-5 3 0 3 5 0 -5 -3 -5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	OBL FACU UPL FAC OBL FACW OBL FACW UPL FACW UPL FACU UPL FACU UPL FACU FACU FACU FACU FACU FACU FACU FACU	1-2'(1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-4' (3') 4-7' (5') 2-5' (4') 2-5' (3-5') 1-4' (3') 2-3' (2.5') 4-6' (5') 4-6' (5') 4-6' (5') 4-6' (5') 4-7' (6') 4-7' (5')	Pink Magenta Yellow Yellow Yellow Purple White Yellow Pink Yellow White Yellow White White White White White White White Yellow Yellow Yellow Yellow Yellow Purple Cream Purple Blue	A					7,600 4,800 2,700 14,000 5,500 6,600 7,500 160,000 350,000 95,000 130,000 92,000 43,000 34,000 34,000 41,000 65,000 41,000 65,000 11,000 24,000 93,000 11,000	4,0000 24,0000 16,0000 6,0000 12,0000 12,0000 2,0000 3,0000 4,0000 4,0000 4,0000 2,0000 1,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.25 0.13 0.50 0.13 0.90 0.38 0.25 0.38 0.25 0.38 0.25	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 0.10% 0.41% 0.62% 0.82% 0.82% 0.41% 0.62% 0.82% 0.41% 0.41% 0.52% 0.82% 0.82% 0.41% 0.82%	by Seed Coun 0.2: 0.8: 0.3: 0.6: 0.6: 0.6: 0.6: 1.4: 2.9: 0.9: 3.3: 5.6: 1.3: 0.7: 0.0: 1.4: 2.9: 1.3: 4.4: 2.9: 1.3: 4.4: 2.9: 4.4: 2.9: 4.4: 4.4: 4.4: 4.4: 4.4: 4.4: 4.4: 4
PETERP SCAA HPUR SCAA HPUR SYVUC PPER TTGRA TMAC LAUT HEUC DONFIS NDIG CVIR IDSUB IDTRI LAC LRID LRIG LRIG MNOV ADAD RFAS RHAS RHAS SAUR PPLEMEN SSE SEED N SCAA PPLEMEN SSE SEED N SCAA RES SCAA	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia hirta Rudbeckia sibtomentosa Rudbeckia triloba Silphium laciniatum Solidago riddellii Solidago rigida Symphyotrichum novae-angliae Thalictrum dasycarpum Vernonia fasciculata Verbena hastata Zizia aurea	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN BROWN-EYED SUSAN COMPASS PLANT RIDDELL'S GOLDENROD STIFF GOLDENROD STIFF GOLDENROD NEW ENGLAND ASTER PURPLE MEADOW RUE COMMON IRONWEED BLUE VERVAIN GOLDEN ALEXANDERS	5 5 5 4 3 9 4 4 4 5 6 4 4 5 5 1 9 3 3 5 7 7 4 4 4 7 7 7	-5 3 0 3 5 0 -5 -3 -5 3 0 -3 3 3 3 3 3 3 3 3 3 -5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OBL FACU UPL FAC OBL FACW OBL FACW UPL FACU UPL FACU UPL FACU FACU FACU FACU FACU FACU FACU FACU	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 3-6' (5') 2-5' (4') 2-4' (3') 4-7' (5') 2-5' (3-5') 1-4' (3') 2-3' (2.5') 3-6' (5') 4-6' (5') 4-6' (5') 4-6' (5') 4-6' (5') 4-6' (5') 4-7' (6') 2-4' (3')	Pink Magenta Yellow Yellow Yellow Purple White Yellow Pink Yellow White Yellow White Purple White Yellow		M J	J A	A S		7,600 4,800 2,700 14,000 14,000 5,500 6,600 7,500 150,000 350,000 93,000 220,000 43,000 34,000 660 93,000 41,000 65,000 11,000 Broadleaf Subts	4,0000 24,0000 16,0000 4,0000 12,0000 1,0000 1,0000 2,0000 4,0000 4,0000 4,0000 2,0000 1,0000 4,0000 4,0000 4,0000 4,0000 1,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.25 0.13 0.50 0.25 0.19 0.06 0.13 0.99 0.38 0.25 0.38 0.25 1.00 9.88	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 0.10% 0.10% 0.10% 0.12% 0.41% 0.62% 0.82% 0.82% 0.82% 0.41% 1.65% 0.82% 0.021% 0.41% 0.10% 0.10%	by Seed Coun 0.2: 0.8: 0.3: 0.6: 0.6: 0.6: 0.6: 1.4: 2.9: 0.9: 3.3: 5.6: 1.3: 0.7: 0.0: 1.4: 0.4: 0.4: 1.4: 0.4: 0.4: 0.4: 0.4: 0.4: 0.4: 0.4: 0
ORTRP OSCAA HPUR SCAA HPUR YYUC IPPER ITGRA ITMAC ILLAC IDDIG IDDI	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia hirta Rudbeckia subtomentosa Rudbeckia subtomentosa Silphium laciniatum Solidago riddellii Solidago riddellii Solidago riddellii Solidago riddellii Vernonia fasciculata Verbena hastata Zizia aurea	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN BROWN-EYED SUSAN COMPASS PLANT RIDDELL'S GOLDENROD STIFF GOLDENROD NEW ENGLAND ASTER PURPLE MEADOW RUE COMMON IRONWEED BLUE VERVAIN GOLDEN ALEXANDERS	5 5 4 3 9 4 4 4 5 6 4 4 5 5 7 7	-5 3 0 3 5 0 -5 -3 -5 -3 3 0 -5 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	OBL FACU UPL FAC OBL FACW OBL FACW UPL FACW UPL FACU FACU FACU FACU FACU FACU FACU FACU	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 3-6' (4') 2-4' (3') 4-7' (5') 2-5' (4') 2-5' (4') 2-5' (4') 2-5' (3') 4-7' (5') 3-6' (4') 4-6' (5') 4-6' (5') 4-6' (5') 4-6' (5') 4-7' (5') 2-4' (3')	Pink Magenta Yellow Yellow Purple Purple White Yellow Pink Yellow White Purple White Purple White Purple White Yellow	howe	M J	J A	y be	very	7,600 4,800 2,700 14,000 5,500 6,600 7,500 160,000 350,000 95,000 130,000 92,000 43,000 34,000 34,000 41,000 65,000 41,000 65,000 11,000 24,000 93,000 11,000	4,0000 24,0000 16,0000 6,0000 12,0000 1,0000 2,0000 4,0000 4,0000 4,0000 4,0000 2,0000 3,0000 1,0000 4,0000 4,0000 4,0000 1,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.25 0.13 0.50 0.38 0.09 0.38 0.25 0.38 0.25 1.00 9.88 30.31	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 0.10% 0.21% 0.41% 0.62% 0.82% 0.41% 0.62% 0.82% 0.41% 0.62% 0.82% 0.41% 0.52% 0.82% 0.41% 0.52% 0.82% 0.41% 0.52%	by Seed Coun 0.2: 0.8: 0.3: 0.6: 0.6: 0.6: 0.6: 1.4: 2.9: 0.9: 1.3: 5.6: 1.3: 0.7: 0.0. 1.4: 2.9: 1.3: 1.4: 2.9: 0.9: 0.9: 0.9: 0.9: 0.9: 0.9: 0.9: 0
ORTRP SSCAA LIPUR SIGNOIG SCAA LIPUR SIGNOIG SCAA LIPUR LIPU	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia hirta Rudbeckia subtomentosa Rudbeckia triloba Silphium laciniatum Solidago riddellii Solidago riddellii Solidago rigida Symphyotrichum novae-angliae Thalictrum dasycarpum Vernonia fasciculata Verbena hastata Zizia aurea	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN BROWN-EYED SUSAN COMPASS PLANT RIDDELL'S GOLDENROD STIFF GOLDENROD STIFF GOLDENROD NEW ENGLAND ASTER PURPLE MEADOW RUE COMMON IRONWEED BLUE VERVAIN GOLDEN ALEXANDERS	5 5 4 4 3 9 4 4 4 5 6 6 6 4 4 5 7 7	-5 3 0 3 5 0 -5 -3 -5 -3 -5 3 3 3 3 5 0 -3 -3 -3 -3 -3 -3 -3	OBL FACU UPL FAC OBL FACW UPL FACW UPL FACW UPL FACW UPL FACU UPL FACU FACU FACU FACU FACU FACU FACU FACU	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-4' (3') 4-7' (5') 2-5' (4') 2-5' (3') 4-7' (5') 2-5' (3') 2-5' (3') 2-5' (3') 2-6' (5') 4-6' (5') 4-6' (5') 4-6' (5') 4-6' (5') 4-6' (5') 4-6' (5') 4-6' (5') 4-7' (5') 2-4' (3') 3-6' (4') 4-7' (5') 2-4' (3')	Pink Magenta Yellow Yellow Yellow Purple Purple White Yellow Pink Yellow White Yellow White Whit	howe	M J	/ mar	y be	very	7,600 4,800 2,700 14,000 5,500 6,600 7,500 160,000 350,000 95,000 130,000 70,000 130,000 92,000 92,000 93,000 41,000 660 93,000 41,000 11,000 24,000 93,000 11,000 Broadleaf Subte SEED MIX TOTA	4,0000 24,0000 16,0000 6,0000 1,0000 1,0000 1,0000 2,0000 4,0000 4,0000 4,0000 4,0000 1,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.13 0.50 0.25 0.13 0.50 0.25 0.13 0.50 0.25 0.13 0.50 0.9 88 0.25	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 0.10% 0.41% 0.62% 0.82% 0.41% 0.82% 0.41% 0.82% 0.41% 0.82% 0.41% 0.82% 0.41% 0.82% 0.42% 0.41% 0.82% 0.52% 0.	by Seed Coun 0.2: 0.8: 0.6: 0.6: 0.6: 0.6: 1.44 2.99 0.91 3.99 3.3: 5.66 1.3: 0.77 0.00 1.44 0.4; 2.99 0.33 1.10 0.40 0.40 0.40 0.40 0.40 0.40 0.40
ORTRP ORTRP SCAA HIPUR SYVUC JPPER JTGRA JTMAC SLAUT JHEUC ONFIS NDIG CVIR JDHIR JDSUB JDTRI LLAC DIRID DIRIG DIRIG SIRID SIRIG MNIOV ADAD RFAS SCAUR JPPLEMEN SES Seed N JUMPLE SCAUR JPPLEMEN SES SEED N JUMPLE SES SEED N JUMPLE SES SEED N JUMPLE JPPLEMEN SES SEED N JUMPLE JPPLEMEN SES SEED N JUMPLE JUMPL JUMPLE JU	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnole Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia hirta Rudbeckia subtomentosa Rudbeckia subtomentosa Silphium laciniatum Solidago riddellii Solidago riddellii Solidago riddellii Solidago riddellia Verbena hastata Zizia aurea Verbena hastata Zizia aurea NITED MIX STATISTICS Wix Including Supplemental Plugs Native Species in Mix n C Value n W Value	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PUPPLE CONEFLOWER RATTLESNAKE MASTER COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN BROWN-EYED SUSAN COMPASS PLANT RIDDELL'S GOLDENROD STIFF GOLDENROD NEW ENGLAND ASTER PURPLE MEADOW RUE COMMON IRONWEED BLUE VERVAIN GOLDEN ALEXANDERS	5 5 4 4 3 9 4 4 4 5 6 4 4 4 5 5 7 7	-5 3 0 3 5 0 -5 -3 -5 -3 -5 3 3 3 3 5 0 -3 -3 -3 -3 -3 -3 -3	OBL FACU UPL FAC OBL FACW OBL FACW UPL FACW UPL FACU UPL FACU FACU FACU FACU FACU FACU FACU FACU	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 2-4' (3') 4-7' (5') 2-5' (4') 2-5' (4') 2-5' (4') 2-5' (4') 2-5' (3-5') 1-4' (3') 2-3' (2.5') 3-6' (5') 4-6' (5') 4-6' (5') 4-7' (6') 4-7' (6') 2-4' (3') 3-6' (4')	Pink Magenta Yellow Yellow Purple Purple White Yellow Pink Yellow White Yellow White Yellow Yellow Yellow Yellow Yellow Purple Gream Purple Blue Yellow Yellow Purple Cream Purple Seed mix, peccies listed of germinat	howe d d above e well	M J J J J J J J J J J J J J J J J J J J	/ mai	y be oppria	e very	7,600 4,800 2,700 14,000 14,000 5,500 6,600 7,500 160,000 350,000 95,000 130,000 92,000 220,000 92,000 43,000 660 93,000 11,000 65,000 11,000 11,000 93,000 11,000 93,000 11,000 93,000 11,000 93,000 11,000 93,000 11,000 93,000 11,000 93,000 11,000 93,000 11,000 93,000 11,000 93,000 11,000 93,000 11,000 93,000 11,000 93,000 11,000 93,000 11,000 93,000 11,000 93,000 11,000 93,000	4,0000 24,0000 16,0000 4,0000 12,0000 1,0000 1,0000 4,0000 4,0000 4,0000 1,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.13 0.50 0.06 0.13 0.50 0.25 0.15 0.50 0.25 0.15 0.50 0.15 0.50 0.15 0.50 0.15 0.50 0.15 0.50 0.15 0.50 0.15 0.50 0.50	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 0.10% 0.41% 0.62% 0.82% 0.41% 0.82% 0.41% 0.82% 0.41% 0.82% 0.41% 0.82% 0.41% 0.82% 0.42% 0.41% 0.82% 0.52% 0.	by Seed Coun 0.2: 0.8: 0.3: 0.6: 0.6: 0.6: 0.6: 1.4: 2.9: 0.9: 3.3: 5.6: 1.3: 0.7: 0.00 1.4: 2.9: 0.3: 1.00 0.4: 0.4: 0.4: 0.4: 0.4: 0.4: 0.4: 0
ORTRP ORTRP SSCAA LIPUR	Chamaecrista fasciculata Coreopsis tripteris Desmodium canadense Echinacea purpurea Eryngium yuccifolium Eupatorium perfoliatum Eupatorium perfoliatum Euthamia graminifolia Eutrochium maculatum Helenium autumnale Kuhnia eupatorioides corymbulosa Monarda fistulosa Penstemon digitalis Pycnanthemum virginianum Rudbeckia hirta Rudbeckia hirta Rudbeckia subtomentosa Rudbeckia triloba Silphium laciniatum Solidago riddellii Solidago riddellii Solidago rigida Symphyotrichum novae-angliae Thalictrum dasycarpum Vernonia fasciculata Verbena hastata Zizia aurea NTED MIX STATISTICS VIX Including Supplemental Plugs Native Species in Mix	PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENROD SPOTTED JOE PYE WEED SNEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN COMPASS PLANT RIDDELL'S GOLDENROD STIFF GOLDENROD NEW ENGLAND ASTER PURPLE MEADOW RUE COMMON IRONWEED BLUE VERVAIN GOLDEN ALEXANDERS	5 5 4 3 9 4 4 4 5 6 6 4 4 5 5 1 9 3 3 5 7 7 4 4 7 7	-5 3 0 0 3 5 -5 -3 -5 -3 3 0 -5 -3 3 3 3 3 -5 -5 -3 -3 -5 0 0 -3 -3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OBL FACU UPL FAC OBL FACW OBL FACW UPL FACU UPL FACU FACU FACU FACU FACU FACU FACU FACU	1-2' (1.5') 3-5' (4') 1-3' (2') 5-8' (7') 3-6' (5') 2-5' (4') 3-6' (4') 2-6' (3') 4-7' (5') 2-5' (4') 2-5' (4') 2-5' (4') 2-5' (4') 2-5' (3') 3-6' (4') 2-5' (3') 3-6' (5') 4-6' (5') 4-6' (5') 4-6' (5') 4-7' (6') 4-6' (5') 4-7' (6') 2-4' (3') 3-6' (4') 4-6' (5') 4-7' (6') 4-6' (5') 4-7' (7') 2-4' (3') 3-6' (4') 4-6' (5') 4-7' (6') 4-6' (5') 4-7' (7') 4-7' (7') 4-8'	Pink Magenta Yellow Yellow Yellow Purple White Yellow Pink Yellow White Yellow	howe di about di si noi di	M J J J J J J J J J J J J J J J J J J J	/ mar	y be ppria in the	e very tate foe e fiel	7,600 4,800 2,700 14,000 14,000 5,500 6,600 7,500 150,000 350,000 95,000 20,000 130,000 32,000 34,000 92,000 43,000 41,000 660 93,000 11,000 Broadleaf Subte SEED MIX TOTA	4,0000 24,0000 16,0000 4,0000 12,0000 1,0000 2,0000 4,0000 4,0000 4,0000 4,0000 4,0000 1,0000	0.25 1.50 1.00 0.38 0.25 1.00 0.75 0.03 0.06 0.13 0.19 0.25 0.25 0.13 0.50 0.06 0.13 0.50 0.25 0.15 0.50 0.25 0.15 0.50 0.15 0.50 0.15 0.50 0.15 0.50 0.15 0.50 0.15 0.50 0.15 0.50 0.50	by Weight 0.82% 4.95% 3.30% 1.24% 0.82% 0.10% 0.41% 0.62% 0.82% 0.41% 0.82% 0.41% 0.82% 0.41% 0.82% 0.41% 0.82% 0.41% 0.82% 0.42% 0.41% 0.82% 0.52% 0.	by Seed Coun 0.2: 0.8: 0.6: 0.6: 0.6: 0.6: 1.44 2.99 0.91 3.99 3.3: 5.66 1.3: 0.77 0.00 1.44 0.4; 2.99 0.33 1.10 0.40 0.40 0.40 0.40 0.40 0.40 0.40

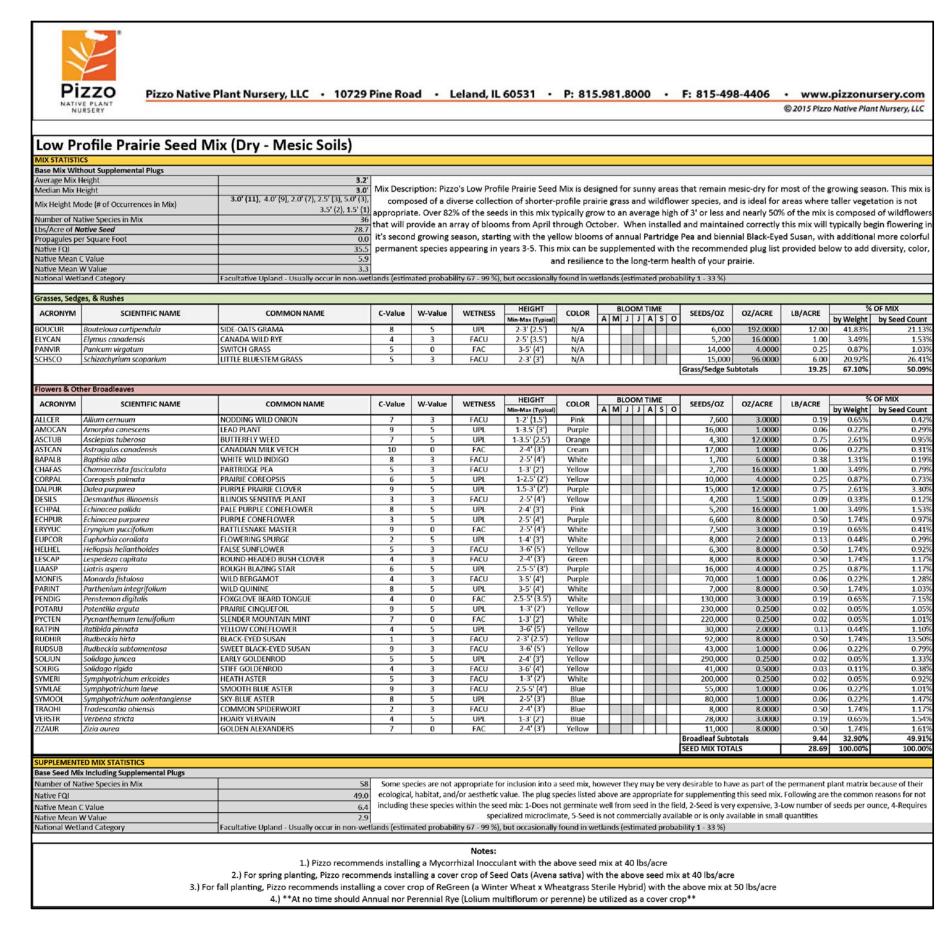
NOTES:

- 1. CONTRACTOR TO PROVIDE AT LEAST 75% OF THE RECOMMENDED SPECIES BASED ON AVAILABILITY AND INSTALL AS NEEDED TO COVER DESIGNATED AREAS.
- SEE SHEET L-1.4 FOR NATIVE PLANTING SPECIFICATIONS AND LANDSCAPE NOTES FOR DETAILS.

NATIVE SEED MIX INFORMATION

ECOLOGY + VISION, LLC ECOLOGYLLC.COM 815-981-8003 P.O. BOX 601 LELAND, IL 60531

CONTRACTOR TO INSTALL NATIVE SEED MIXES AND BLANKET PER SUPPLIERS SPECIFICATIONS, INSTRUCTIONS AND RECOMMENDATIONS INCLUDING SEED BED PREPARATION, SOIL AMENDMENTS, AND PH LEVELS. ALL BLANKETS SHALL BE STAKED AS NECESSARY TO PROPERLY ANCHOR BLANKETS IN PLACE.



NATIVE		re Plant Nursery, LLC • 10729 I	Pine Roa	ad • I	Leland, IL	60531 •	P: 815	.981.	800	0 •	F: 815-49	8-4406	• www	.pizzonu	rsery.co
NOR	EPLANT												© 2015 Pizz	o Native Plai	nt Nursery, L
Wet-M		Mix (Wet-Mesic Soils)													
verage Mix H		4.2'													
Лedian Mix He		4.0' (13), 3.0' (9), 5.0' (9), 7.0' (3), 2.0' (2),													
Aix Height Mo	de (# of Occurrences in Mix)	6.0' (2), 8.0' (2), 0.5' (2), 0.75' (1), 2.5' (1), 3.5' (1)									e species in this of this mix is com				
lumber of Nat bs/Acre of <i>Na</i>	rive Species in Mix	44	1,501				-				about 35% of see				
ropagules per	Square Foot	0.0	1	eds typicall	y averaging 5	-		•			supplemented w			g list provid	ed below t
lative FQI lative Mean C		34.5 5.2	1			diversity,	color, and	resilien	ice to	tne loi	ng-term health o	τ your prairie	s.		
Vative Mean W Vational Wetla		-2.0 Facultative Wetland / Facultative - Usually oc		nds (estimate	d probability 6	7 - 99%), but occa	sionally four	nd in non	-wetla	inds (es	timated probability	34 - 66%)			
Grasses, Sedge	se & Duchae	,		,		,				, , , ,	,				
ACRONYM	SCIENTIFIC NAME	COMMON NAME	C-Value	W-Value	WETNESS	HEIGHT	COLOR		оом		SEEDS/OZ	OZ/ACRE	LB/ACRE		OF MIX
	Andropogon gerardii	BIG BLUESTEM GRASS	5	0	FAC	Min-Max (Typical) 6-8' (7')	N/A	A M	1 1	A S	10,000	24.0000		by Weight 8.19%	by Seed C
ALCAN	Calamagrostis canadensis	BLUE JOINT GRASS	3	-5	OBL	3-5' (4')	N/A	ш			280,000	2.5000	0.16	0.85%	
	Carex brevior Carex scoparia	PLAINS OVAL SEDGE LANCE-FRUITED OVAL SEDGE	7	-3	FAC FACW	6"-18" (12") 1-3' (2')	N/A N/A			\vdash	29,000 84,000	4.0000 2.0000			
	Carex vulpinoidea	BROWN FOX SEDGE	2	-3	FACW	2-4' (3')	N/A			\Box	100,000	6.0000			
	Eleocharis palustris Elymus virginicus	GREAT SPIKE RUSH VIRGINIA WILD RYE	10 4	-5 -3	OBL FACW	6"-18" (12") 3-5' (4')	N/A N/A	Н	+		51,000 4,200	4.0000 48.0000			
SLYSTR (Glyceria striata	FOWL MANNA GRASS	4	-5 -3	OBL	2-4' (3')	N/A N/A				90,000	2.0000 0.1250			
	Juncus dudleyi Panicum virgatum	DUDLEY'S RUSH SWITCH GRASS	5	0	FACW FAC	1-3' (2') 3-5' (4')	N/A N/A	Н	+		14,000	48.0000			
	Scirpus atrovirens	DARK GREEN RUSH WOOL GRASS	4 6	-5	OBL OBL	3-6' (5')	N/A	Ш			460,000 1,700,000	1.0000 0.5000			
	Scirpus cyperinus Sorghastrum nutans	INDIAN GRASS	5	-5 3	FACU	3-5' (4') 3-7' (6')	N/A N/A	Ш			12,000	16.0000			
PAPEC :	Spartina pectinata	PRAIRIE CORD GRASS	4	-3	FACW	5-9' (7')	N/A				6,600 Grass/Sedge Su	16.0000 ubtotals	1.00		4
lowers & Oth	er Broadleaves												<u>'</u>		
ACRONYM	SCIENTIFIC NAME	COMMON NAME	C-Value	W-Value	WETNESS	HEIGHT Min-Max (Typical)	COLOR	A M	NOO.		O SEEDS/OZ	OZ/ACRE	LB/ACRE	by Weight	OF MIX by Seed C
	Asclepias incarnata Bidens cernua	SWAMP MILKWEED NODDING BUR MARIGOLD	5	-5 -5	OBL OBL	3-5' (4') 2-4' (3')	Magenta Yellow	Н			4,800 21,000	16.0000 3.0000			
OLASR	Boltonia asteroides var. recognita	FALSE ASTER	9	-5	OBL	3-5' (4')	White	ш			160,000	1.0000	0.06	0.34%	
	Senna hebecarpa Coreopsis tripteris	WILD SENNA TALL COREOPSIS	9 5	-3 0	FACW FAC	3-6' (5') 5-8' (7')	Yellow Yellow	Н			1,400 14,000	9.0000 2.0000			
	Desmodium canadense Doellingeria umbellata	SHOWY TICK TREFOIL FLAT-TOP ASTER	4 9	-3	FACU FACW	3-6' (5') 3-5' (4')	Purple Cream	Ш			5,500 67,000	2.5000 1.5000			
CHPUR	Echinacea purpurea	PURPLE CONEFLOWER	3	5	UPL	2-5' (4')	Purple				6,600	8.0000	0.50	2.73%	
	Eryngium yuccifolium Eupatorium perfoliatum	RATTLESNAKE MASTER COMMON BONESET	9	-5	FAC OBL	2-5' (4') 3-6' (4')	White White	$\vdash\vdash\vdash$			7,500 160,000	8.0000 1.0000			
UTGRA	Euthamia graminifolia	GRASS-LEAVED GOLDENROD	4	-2	FACW-	2-4' (3')	Yellow	ш			350,000	0.5000	0.03	0.17%	
	Eutrochium maculatum Helenium autumnale	SPOTTED JOE PYE WEED SNEEZEWEED	5	-5 -3	OBL FACW	4-7' (5') 2-5' (4')	Pink Yellow	Н			95,000 130,000	3.0000 1.0000			
RIVIS	Iris virginica shrevei	BLUE FLAG	5	-5	OBL	2-4' (3')	Blue			\Box	1,000		1.00	5.46%	
	Lobelia siphilitica Mimulus ringens	GREAT BLUE LOBELIA MONKEY FLOWER	6	-5 -5	OBL OBL	2-4' (3') 2-4' (2.5')	Blue Purple				500,000 2,300,000	1.0000 0.5000			1
	Monarda fistulosa Penstemon digitalis	WILD BERGAMOT FOXGLOVE BEARD TONGUE	4	3	FACU FAC	3-5' (4') 2.5-5' (3.5')	Purple White				70,000 130,000	3.0000 4.0000			
YCVIR	Pycnanthemum virginianum	COMMON MOUNTAIN MINT	5	-3	FACW	1-4' (3')	White				220,000	2.0000	0.13	0.68%	
	Rudbeckia subtomentosa Rudbeckia triloba	SWEET BLACK-EYED SUSAN BROWN-EYED SUSAN	9	3	FACU FACU	3-6' (5') 4-6' (5')	Yellow Yellow	\Box	+		43,000 34,000	4.0000 2.0000			
ILLAC :	Silphium laciniatum	COMPASS PLANT	5	5	UPL	6-9' (8')	Yellow				660	1.0000	0.06	0.34%	
	Silphium perfoliatum Solidago riddellii	CUP PLANT RIDDELL'S GOLDENROD	7	-3 -5	FACW OBL	5-10' (8') 2-4' (3')	Yellow Yellow	+++			1,400 93,000	0.5000 1.0000			
OLRIG :	Solidago rigida	STIFF GOLDENROD	4	3	FACU	3-6' (4') 4-6' (5')	Yellow	\Box			41,000	2.0000	0.13	0.68%	
'HADAD	Symphyotrichum novae-angliae Thalictrum dasycarpum	NEW ENGLAND ASTER PURPLE MEADOW RUE	5	-3 -3	FACW FACW	4-7' (6')	Purple Cream				65,000 11,000	4.0000 2.0000	0.13	0.68%	
	Vernonia fasciculata Verbena hastata	COMMON IRONWEED BLUE VERVAIN	5 4	-3 -3	FACW FACW	4-6' (5') 4-7' (5')	Purple Blue	H			24,000 93,000	1.5000 2.0000			
	Zizia aurea	GOLDEN ALEXANDERS	7	0	FAC	2-4' (3')	Yellow				11,000	16.0000	1.00	5.46%	
											Broadleaf Subt	otals	7.44	40.60%	5

NATIVE SEED
MIX PLANT LISTS

Prepared By:

L-1.5

Prepared For:

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