

CALCULATION WORKSHEET FOR POLLINATOR SEED MIXTURES

Instructions

PRODUCER: PF Northeastern Pollinator Mix A (40see)
 PREPARED BY: Pheasants Forever
 PURPOSE: Pollinators are a Purpose - PC met
 RANGE SITE:
 ACRES TO BE PLANTED: 1

DATE:
 FIELD:
 TRACT:

EAST or WEST of Hwy 69?
 Seeding rate based on 40 seeds per sq. ft.

SPECIES (select species and variety)							Seed Tag Certification Section				
SPECIES (select species and variety)		Full PLS Rate	% of Mix	PLS per Acre	Acres to Plant	Total PLS Lbs.	Purity	Germin.	Lbs. PLS per 100 lbs	No. PLS per 100 lbs	% PLS
GRASSES											
<i>Adapted Varieties</i>											
little bluestem		6.60	10.0%	0.66	1	0.66					
sideoats grama		7	15.0%	1.05	1	1.05					
Grass Total		***	25.0%	1.71	1.00	1.71					
EARLY - BLOOMING											
Leadplant - A. canescens		6.40	1.0%	0.06	1	0.06	P,NSW,S		#VALUE!		
Coneflower, Pale Purple - E. pallida		21.00	1.0%	0.21	1	0.21	NE,SW,SE		#VALUE!		
Coneflower, Grayhead - R. pinnata		3.60	3.0%	0.11	1	0.11	NE/SE		#VALUE!		
Beebalm, Lemon - M. citriodora ^		2.20	10.0%	0.22	1	0.22	Statewide		#VALUE!		
Indian Blanket - G. pulchella ^		7.70	10.0%	0.77	1	0.77	Statewide		#VALUE!		
Subtotal:		***	25.0%	1.37	1.00	1.37					
MID - BLOOMING											
Black-eyed Susan - R. hirta		1.00	1.0%	0.01	1	0.01	NE,SW,SE		#VALUE!		
Clover, Purple Prairie - D. purpurea		5.50	9.0%	0.50	1	0.50	Statewide		#VALUE!		
Coneflower, Purple - E. purpurea		18.00	5.0%	0.90	1	0.90	NE,SW,S		#VALUE!		
Coreopsis, Lanceleaf - C. lanceolata		5.50	10.0%	0.55	1	0.55	NE,SW,S		#VALUE!		
Subtotal:		***	25.0%	1.96	1.00	1.96					
LATE - BLOOMING											
Sunflower, Maximilian - H. maximiliani		9.60	10.0%	0.96	1	0.96	Statewide		#VALUE!		
Illinois Bundleflower - D. illinoensis		21.00	10.0%	2.10	1	2.10	Statewide		#VALUE!		
Partridge Pea - C. fasciculata ^		28.00	2.0%	0.56	1	0.56	Statewide		#VALUE!		
Clover, White Prairie - D. candida		6.30	3.0%	0.19	1	0.19	Statewide		#VALUE!		
Subtotal:		***	25%	3.81	1.00	3.81					
Total Forbs, Legumes and/or Shrubs:		***	75%	7.14	1.00	7.14			#VALUE!		
Seed mix subtotal :		***	100%	8.85	1.00	8.85					
Is seed mix based on PLS or bulk?		PLS		---	1.00	---					
Total Seed Mix:				8.85		8.85					
Mix seeding rate (lbs./ac) =											
Mix meets specifications for pollinators*											
Total seed mix equals 100%											
The forb component is sufficient - PASS											
The proportion of Annuals/Biennials is acceptable - PASS											
Amounts of Alfalfa and/or Sweet Clover are acceptable - PASS											
There are at least 3 species for each bloom period - PASS											
The amount of seed for each bloom period is appropriate - PASS											
Individual species are only counted once - PASS											
The amount of grass seed in the mix is within the limits - PASS											

^ Plant is either an annual or biennial species
 # Alfalfa and sweet clover can comprise no more than 5% of a mix collectively for pollinators
 * Planting specifications per Oklahoma NRCS Biology Technical Note 33