

**CALCULATION WORKSHEET FOR POLLINATOR SEED MIXTURES**

**Instructions**

**PRODUCER:** OH Pollinator      **DATE:**  
**PREPARED BY:**      **FIELD:**  
**PURPOSE:** Pollinators are a Purpose - PC met      **TRACT:**  
**RANGE SITE:**  
**ACRES TO BE PLANTED:** 1      **EAST or WEST of Hwy 69?** West  
 Seeding rate based on 30 seeds per sq. ft.

							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	
<b>GRASSES</b> <i>Adapted Varieties</i>											
little bluestem	4.95	15.0%	0.74	1	0.74						
sideoats grama	5.25	10.0%	0.53	1	0.53						
<b>Grass Total</b>	<b>***</b>	<b>25.0%</b>	<b>1.27</b>	<b>1.00</b>	<b>1.27</b>						
<b>EARLY - BLOOMING</b>											
Leadplant - A. canescens	4.80	5.0%	0.24	1	0.24						
Coneflower, Pale Purple - E. pallida	16.00	5.0%	0.80	1	0.80						
Coneflower, Grayhead - R. pinnata	2.70	10.0%	0.27	1	0.27						
Indian Blanket - G. pulchella ^	5.80	5.0%	0.29	1	0.29						
<b>Subtotal:</b>	<b>***</b>	<b>25.0%</b>	<b>1.60</b>	<b>1.00</b>	<b>1.60</b>						
<b>MID - BLOOMING</b>											
Black-eyed Susan - R. hirta	0.75	10.0%	0.08	1	0.08						
Coneflower, Purple - E. purpurea	14.00	2.0%	0.28	1	0.28						
Beebalm, Wild Bergamot - M. fistulosa	1.10	3.0%	0.03	1	0.03						
Coreopsis, Plains - C. palmata	8.20	3.0%	0.25	1	0.25						
Beardtongue, Foxglove - P. digitalis	0.70	4.0%	0.03	1	0.03						
Beebalm, Lemon - M. citriodora ^	1.60	3.0%	0.05	1	0.05						
<b>Subtotal:</b>	<b>***</b>	<b>25.0%</b>	<b>0.71</b>	<b>1.00</b>	<b>0.71</b>						
<b>LATE - BLOOMING</b>											
Sunflower, Maximilian - H. maximiliani	7.20	5.0%	0.36	1	0.36						
Illinois Bundleflower - D. illinoensis	15.00	3.0%	0.45	1	0.45						
Partridge Pea - C. fasciculata ^	21.00	2.0%	0.42	1	0.42						
Clover, White Prairie - D. candida	4.70	9.0%	0.42	1	0.42						
Mexican Hat - R. columnifera	2.20	6.0%	0.13	1	0.13						
<b>Subtotal:</b>	<b>***</b>	<b>25%</b>	<b>1.79</b>	<b>1.00</b>	<b>1.79</b>						
<b>Total Forbs, Legumes and/or Shrubs:</b>	<b>***</b>	<b>75%</b>	<b>4.10</b>	<b>1.00</b>	<b>4.10</b>						
<b>Seed mix subtotal :</b>	<b>***</b>	<b>100%</b>	<b>5.36</b>	<b>1.00</b>	<b>5.36</b>						
<b>Is seed mix based on PLS or bulk?</b>	PLS		---	1.00	---						
<b>Total Seed Mix:</b>			<b>5.36</b>		<b>5.36</b>						

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