

**SEEDING SCHEDULE**

SEED PLANTING ZONE	SPECIES GROUP 1,2	SPECIES 1	INDICATOR STATUS	WILDLIFE VALUE		PLANT PART	SEASON	SEEDING RATE (LBS/AC)	AREA PER PLANT (AC)	QUANTITY (LBS)	SEEDING QUANTITIES																				
				FUNCTIONS	PRIMARY SPECIES						A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T		
RRAPMAN BUFFER SEED MIX	7	COLIMA MULTIFLORUM (ANNUAL BREGGRASS)	NI	Enrichment, food	Spurnose finches, small mammals	Seeds	Summer-fall	45.00	1.61	72.45	2.25	2.25	2.70	2.70	1.35	1.35	0.90	0.90	0.90	4.05	6.30	2.70	6.75	14.40	12.60	5.85	0.90	1.35	0.45	2.70	
		SETARIA PALMATA (FOXTAIL MILLET) (OK FERNHOOD) CRUSGAL VAVR FRUMENTACEA)	UP/L	Food	Spurnose finches, small mammals	Seeds	Fall, winter	45.00	1.61	72.45	2.25	2.25	2.70	2.70	1.35	1.35	0.90	0.90	0.90	4.05	6.30	2.70	6.75	14.40	12.60	5.85	0.90	1.35	0.45	2.70	
		CAREX SCOPARIA (BLUNT BROOM SEDGE)	FACV	Food cover	Song birds (esp. sparrows), small mammals	Seeds, plant	Summer-fall	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01
		CAREX SQUARROSA (SQUARE SEDGE)	NI	Food	Song birds, waterfowl	Seeds	Summer-fall	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01
		CAREX VILPANOVA (FOX SEDGE)	OB/L	Food	Song birds, waterfowl	Seeds	Summer-fall	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01
		CYPERUS ESCULENTUS (CHufa)	FACV	Food	Song birds, waterfowl	Seeds	Summer-fall	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01
		JUNCUS EFFUSUS (SOFT RUSH)	FACV+	Food cover, reproductive mass	Waterfowl, songbirds (esp. sparrows), blingit and other fish	Seeds, stems	Summer-fall, winter	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01
		JUNCUS TENNIS (PAH RUSH)	FAC-	Food	Songbirds, small mammals	Seeds	Summer-fall	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01
		ELIMUS SPARBUS (PINEBANK WILD REE)	FACV	Food	Song birds, small mammals	Seeds, leaves	All	10.00	1.61	16.10	0.50	0.50	0.60	0.60	0.30	0.30	0.30	0.20	0.20	0.20	0.90	1.40	0.60	1.50	3.20	2.80	1.30	0.20	0.30	0.10	0.60
		ELIMUS VIRGENSIS (VERGONIA WILD REE)	FACV-	Food	Over sparrows, small mammals	Seeds, leaves	All	10.00	1.61	16.10	0.50	0.50	0.60	0.60	0.30	0.30	0.30	0.20	0.20	0.20	0.90	1.40	0.60	1.50	3.20	2.80	1.30	0.20	0.30	0.10	0.60
		PANICUM CLANDESTINUM (DEER TONGUE GRASS)	FACV+	Food	Song birds, waterfowl, small mammals	Seeds	Summer-fall	10.00	1.61	16.10	0.50	0.50	0.60	0.60	0.30	0.30	0.30	0.20	0.20	0.20	0.90	1.40	0.60	1.50	3.20	2.80	1.30	0.20	0.30	0.10	0.60
		PANICUM DICHOTOMIFOLIUM (SMOOTH PANIC GRASS)	FACV-	Food	Song birds, waterfowl, small mammals	Seeds	Summer-fall	10.00	1.61	16.10	0.50	0.50	0.60	0.60	0.30	0.30	0.30	0.20	0.20	0.20	0.90	1.40	0.60	1.50	3.20	2.80	1.30	0.20	0.30	0.10	0.60
		ANEMONE VIRGINIANA (THIMBLEWEED)	NI	Food	Pollinators, butterflies, beneficial insects	Fowers	Spring, summer	0.10	1.61	0.17	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.01	0.00	0.00	0.01
		ASTER NOVAE-ANGLAE (NEW ENGLAND ASTER)	FACV-	Food	Pollinators, butterflies, beneficial insects	Fowers	Summer-fall	0.10	1.61	0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.01	0.00	0.00	0.01
		ASTER PLOSIUS (HEATH ASTER)	UP/L	Food	Pollinators, butterflies, beneficial insects	Fowers	Summer-fall	0.10	1.61	0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.01	0.00	0.00	0.01
ASTER PRENANTHODES (DEZANG ASTER)	FACV	Food	Pollinators, butterflies, beneficial insects	Fowers	Summer-fall	0.10	1.61	0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.01	0.00	0.00	0.01		
LELUM SUPERBUM (PURSCAP FL.)	FACV+	Food	Pollinators, butterflies, beneficial insects	Fowers	Fall, winter	0.10	1.61	0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.01	0.00	0.00	0.01		
SOLIDAGO LANCEA (EARLY GOLDENROD)	UP/L	Food	Pollinators, butterflies, beneficial insects	Fowers, seeds	Fall, winter	0.10	1.61	0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.01	0.00	0.00	0.01		
EUPATORIUM FISTULOSUS (JOE PEE WEEB)	FACV	Food	Pollinators, butterflies, beneficial insects	Fowers, seeds	Summer-fall	0.10	1.61	0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.01	0.00	0.00	0.01		
EUPATORIUM PERFLUTUUM (BOONSET)	FACV+	Food	Pollinators, butterflies, beneficial insects	Fowers	Summer	0.10	1.61	0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.01	0.00	0.00	0.01		
EUPATORIUM GAMBRIOLA (GRASS LEAVED GOLDENROD)	FACV	Food	Pollinators, butterflies, beneficial insects	Fowers	Summer-fall	0.10	1.61	0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.01	0.00	0.00	0.01		
SOLIDAGO CANADENSIS (CANADIAN GOLDENROD)	FACV	Food	Pollinators, butterflies, beneficial insects	Fowers	Summer-fall	0.10	1.61	0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.01	0.00	0.00	0.01		
SOLIDAGO SPECIOSA (SHOWY GOLDENROD)	UP/L	Food	Pollinators, butterflies, beneficial insects	Fowers	Summer-fall	0.10	1.61	0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.01	0.00	0.00	0.01		
VERBENA NOVBORACENSIS (NEW YORK BOWMEED)	FACV+	Food	Pollinators, butterflies, beneficial insects	Fowers	Fall	0.10	1.61	0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.01	0.00	0.00	0.01		
ZEA AUREA (GOLDEN ALEXANDERS)	FACV	Food	Birds, insects	Fowers	Spring, summer	0.10	1.61	0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.01	0.00	0.00	0.01		
ASCIPTIS STRATA (COMMON MILWEED)	UP/L	Food	Pollinators, butterflies, beneficial insects	Fowers	Spring, summer	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01		
BIENIA PRODIGOSA (BIGGAR TONS)	FACV	Food	Pollinators, butterflies, beneficial insects	Seeds	Summer-fall, winter	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01		
HELENIUM AUTUMNALE (COMMON SNEEZEWEED)	FACV+	Food	Pollinators, butterflies, beneficial insects	Fowers	Summer-fall	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01		
HELIANTHUS ANGISTIFOLIUS (NARROW-LEAF SUNFLOWER)	FACV	Food	Pollinators, butterflies, beneficial insects	Fowers, seeds	Summer-fall	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01		
KNOCIOLA SENBILI (SENSITIVE FERN)	FACV	Food	Songbirds, small mammals	Fruits	Spring, summer-fall	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01		
PENSTEMON DEBILIS (PENSTEMON)	FACV	Food	Pollinators, butterflies, beneficial insects	Leaves, seeds	All	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01		
VERBENA HASTATA (BLUE VERVAIN)	FACV+	Food	Pollinators, butterflies, beneficial insects	Fowers, seeds	Spring, summer-fall	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01		
VERBENA ALTERNIFOLIA (WINGSTEM)	FACV	Food	Pollinators, butterflies, beneficial insects	Fowers	Summer-fall	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01		
COREOPSIS LANCEOLATA (LANCE LEAVED COREOPSIS)	FACV	Food	Song birds, butterflies	Fowers, seeds	Spring, summer-fall	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01		
HELIOPSIS HELIANTHODES (OXEYE SUNFLOWER)	UP/L	Food	Pollinators, butterflies, beneficial insects	Fowers, seeds	Spring, summer-fall	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01		
POLYGONUM PENSTALANCIUM (PA SMARTWEED)	FACV	Food	Spurnose finches, birds, small mammals	Seeds	Fall, winter	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01		
RUPECOCA PERLA (BLACK EYED SUSAN)	FACV-	Food	Butterflies and other pollinators	Fowers, seeds	Summer-fall, winter	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01		
SENNA HEBCAPRA (WILD SENNA)	FACV	Food	Song birds, upland game birds	Seeds	Summer	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01		
AMELANCHER CANADENSIS (CANADIAN SERVICEBERRY)	FACV	Food cover	Song birds, small mammals	Fruit, plant	All	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01		
ARONIA MELANOCARPA (BLACK CHOKEBERRY)	UP/L	Food	Songbirds, upland game birds, small mammals	Fruit	Fall, winter	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00	0.01		
HAMMELIS VIRGINIANA (WITCH HAZEL)	FAC-	Food	Ruffed grouse, wild turkey, deer, beaver	Fowers, fruit	Spring-fall, winter	0.20	1.61	0.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.01	0.03	0.06	0.06	0.03	0.00	0.01	0.00			