ZONE BA																						
COMMON NAME	SCIENTIFIC NAME	FAMILY	BLOOM TIME	DURATION	HARIT	HEIGHT	SPREAD	SPACING	HARDINESS	BLOOM COLOR	NATIVE HABITAT WATER US	E DROUGHT TOLERANT	LIGHT REQUIREMENT	SOIL MOISTURE	SOIL TEXTURE	SOIL PH	ATTRACTS	TARGET PESTS	PROPOGATION	WARNING	PROBLEMS	COMMENTS
	Phacelia Tanacetifolia	Boraginaceae													Barby or made		Notice hear honeficials humble hear hones have	aphide, caterpillers, thrips, spidermites, stink bugs,	Propagated only from seeds, Sove on up of rell at light is seeded for permitted. White on terrification in seeded, agreementation where the contribution is modeled, agreement of the contribution of the contribution of sich the read contains said water ownersight. Propagate by seed: Some seeds induces 120 to 12 weeks before the law. Propagate by seed: Some seeds induces 120 to 12 to 120			it would be nice to have a fair amount of this. I know it's expensive so maybe we share the costs on these-Melissa
Lucy Phacelia			Mar, Apr, May, June, July	Annual	Herb	1-3 ft	12"	12"	zones 3 thru 10	Blue	Open Flats and slopes Medium	yes	Sun	Dry	solls	acidic-alkaline	Hoverflies, Pirate bugs, Paracidic wasps, tachinid flies	beetles	nick the seed coat then soak in water overnight. Propagate by seed - Sew seeds indoors 10 to 12 weeks before the last	skin irritant		
	Lobelia erieus	Gampanulaceur	Mid Summer Late Summer Early Fall Mid Fall Late Fall/Early Winter							pink, rose, mauve,	ditches, rvenes, depressions, secondands Average					61-75	bees, butterflies, birds, prasitic wasps, hoverflies,		spring most. Us not cover the seeds with east, as sight abor germination. Rottom water to prevent damping off Seedlings mature slowly. It's easier to buy pre-started plants. Germination temperature:			
Edging Lobelia				Annual	clump, mound	-65"	3-6"	w	zones 10 thru 11	blue, white	woodlands Average	Yes	Full Sun	well drained	moist, fertile	61-75	tachinid files	Eggs of moths (caterpillors), aphids, mostly bugs, thrip				
																			By dividing the roothall. From seed; direct now outdoors in fall From	All parts of plant are		
Notes Consolell	Patentilla villosa									Bright Yellow	Alpines and Rock						bees, butterflies, birds, lady bird beetles.	anhids mites, whiteflies.	greenhouse. Direct sow as soon as the ground can be worked. From need; sow indoors before last frust. From need; direct now after last	,		Tufted perennial from a branched crown and short, thick rhizones, the stems 5-20 cm. tall, with soft, gray hairs
Japan Casperia	Lobularia maritima	Assaults	july-september	Perenna	Hers		12-24	1-676-9	200et / thru V	Hight tellow	Darsens Average	yes	Passas	ay			Dies, selletties, seles, lasy late becom,	aparas, man, manuas,	Propagate by seed - Direct seed in garden in mid- to late spring, or indoors 4 to 6 weeks before last frust. Do not cover the seeds, as they			anticipana.
Sweet Alyssum	Lobularia maritima	Brassicaceae	Repeatedly	Annual		46"	6-12"	3'-6'/6'-9'		Pink Rose/Mauve White/Near White	Average	Yes	Full oun-Partial Shade	damp, well drained	Prefers sandy, d telerates any	56-75	tachinid flies, bees, butterflies, birds, hoverflies, parasitic waxps	aphids, mealybugs, thrips, caterpillers	By disking the resthall. From used, direct one underest is the From seed, visitor me in vanied continuer, coldificance or underest gravelhouse. Direct one as son as the ground can be verlead. From seed, user indoors below has fire for. From seed, direct one self- ser, and the properties of the form of the first one of direct one self- graphs by seed. Effect used in garden in male to late spring, or by seed and the first hard from the can cover the seed, or the properties of the first hard from the can cover the seed up preed light to germinate. Certainable temperature. Of F to 70 F Days to energyence.		leafkoppers, whiteflies	
	Aurinia sassetilis	Brassicacese																	Propagate by used, division or suparation - Divide in the full. Plants do not like to be disturbed, and required time for recuperation before resuming attractive growth. Sow needs in cold frames in spring or full. Plants may self-need if allowed.			
Easket of Gold Alyssum	AD HE MALES	avantation	Late Spring-Karly Summer	Perennial		6-12"	12-19"	9-12"	zones 3 thru 7	Bright Yellow	Alpines and Rock Gardens Low-Averag	ge Yes	Full Sun	dry	normal, sandy	65-7.5	bees, batterflies, birds, lady bags, hoverflies, tachinid flies bees, batterflies, parasids wasps, hoverflies, tachinid flies	aphids, mites, whiteflies, mealy worms, theips	resuming attractive growth. Sow seeds in cold frames in spring or fall. Plants may self-seed if allowed.		Rhizoctonia rut, stem rut	
Common Yarrow	Achtilea millefolium	Asterocea	July, Aug, Sept	Perennial	Champs, Invasive, aggressive, thiosmatic	1-3 FT	1-3 FT	18"-24"	zones 3 thru 9	pink, red, white	Disturbed Soils Dry-Med	Yes	Full our-Partial Shade		sandy, clay	5145	bees, butterflies, parasitic wasps, hoverflies, tachinid flies	aphids, caterpillers, mealy bugs, thrips		skin irrtant, can cause allergic reaction	Aphids, powdery mildew, rust	
	Achilles (Vaendalins																				Stem rot, powdery mildew and rust. May need staking.	
Fernical Yarrow										Yellow						56-75	attractive to bees, butterfiles and/or birds, Lacewings, Ladybugs, hoverfiles, parasitic seasps, tachinid files	Aphids, Caterpillers, Mites, Whiteflier, thrips	By dividing the roothall. From seed, winter sow in worted containers, coldframe or unheated greenhouse. From seed; sow indoors before		May need staking.	
Person Lation		Attendesse	june, Aug	Perenna		341	2-318	15-18	Zanes J Haru V		Alpines and Rock	Tes	Passas	Lity	Normal, Sandy, Caly	56.75	Bees, Birds, Butterflies, parasitic wasps, hoverflies,	Aprilla, Calif pares, State, Wallands, Sarps	By dividing the roothall. From used, winter new in verted containers, califrame or unbeated greenhouse. From used, soo indoor before but from the From used, direct soon after lant frost. Earthy prepagated from stem cattings or divisions. Cattings should be taken in early summers. Soo useds in spring, but provide cold protection if from in still a thesas. Or mars usedilarge indoors.			May saquire school
Crimson-Thyme	Thymus serpylam coccineus	Lamigorae	Late Spring Karly Summer Late Summer	Perennial	Groundcover, Herbs	-65"	12-18"	12-15"	Zones 4 thru 9	Pink Red	Gardens Average	Yes	Full Sun	Dry	Normal/Sandy	56-7.5	tachnid files	aphids, caterpillers, thrips	protection if frost is still a threat. Or start needlings indoors.		etem rat, gray meld Blight and aster yellenes can cause significant damage. Watch for. Cer cosportifism leaf spat, some fungal leaf and root diseases, aphido and tomasio horrowerne. Seen and root rot may occur, especially in peorly-deriande soils. Watch for aphido and slags. Larvae (caterpillars) of vealionatin butterfiles may chee on	
pil	Anethum graveolens						2-38	13.15*								57-62	Butterflier, Lacowings, Ladybugs, Paracidic wasps,	Aphide, Caterpillers, Misse, Whiteflies, Insect eggs, thrise	Sew seed in situ in succession to produce a longer show of foliage and		Cercosporidium leaf spot, some fungal leaf and root diseases, aphids and	
bill		Apiaceae	August - Sept	Annual	Clumps, fast grower	2-4 ft	2-3 ft	12-15"	Zones 2-11	Yellow	Medium	yes	Full Sun	Dry-Med	loamy	57-62	bowdier, tachinid files	theips	Sew seed in situ in succession to produce a longer those of failings and fasters. Self-SeedelTropagate by seed, distinction or separation - Propagation by seed is easy, Plants self-sees roadily. Sow seeds where you want them in the garden is springer of ET for our about start seed soids. Scale seed for 4 to 5 days to increase germination. Division is difficult to the second of the property of t		Stem and root rot may occur, especially	
	Fornicalam vulgare														Well-drained and		hear consider season beautified betterflied lade hind	solide cateralliers mine thring small inserts (e.g. le-	in the garden in spring or full. You can also start seed inside. Soak seed for 4 to 5 days to increase germination. Division is difficult to because of loss two most Full division is the	Investigation don't place page to	aphids and slags. Larvae (caterpillars) of swallowtail butterflies may chew on	
Fennel		Apiaceae	June-July	Perennial	Herbaceous	3-5 ft	2-3 ft	18"-24"	Zones 4 thru 9	Yellow	Waste places;	yes	Full Sun	rich, moist soil	awold clay	48-82	beetler, tachinid files	happers, spider mites), insect eggs		lavasise, don't plant next to dill, they cross politicate Jerusalem artichoke is aggressive and excapes from garden settings.	of swallowtail butterflies may cheer on the foliage	May Require Staking
Jerusalem Artichoke	Helianthus tuberanus	Asteroceae	Aug, Sept, Oct	Perennial	Bulbs, berb	362	38	24-36"	Zones 4 thru 9	red, pink, yellow	thickets; woodland borders Low-Averag Ornamental,	ge yes	Full cus	Dry, Moist, well drained	any	66-75	bees, butterflies, birds, lady bird beetles, lacewings	aphids, caterpillers, mites, whiteflies	By dividing rhizomes, tabers, corms or bulbs (including offsets)	aggressive and escapes from garden settings.		
																						Fast grower, Thrive on Neglect. While there are several species of nastarthons, most popular suristies are one of two cameno species. Troposcolum majus is a trailing type that can be trailed to cloud. Troposcolum minus is a bush
		Troparolaceae									nometimes as escape from cultivation on garden refuse heaps, damps, wasteland. overwates								Sow needs 10 to 12 inches apart in the garden about a week before the last frost date for your area. Seedlings can also be			
Garden Nasturtium	Tropanolum majus		June, July, August, Sept	Annual		8-16"	16-18"	w	zones 10 thru 11	orange, yellow, res	heaps, dumps, Average; do n wasteland. overwater	7 80	Full sun-Partial Shade	Moist, well draine	ed sandy, loany	61-78	Butterflies		started indoors, but their taproots make them difficult to transplant	can become invasive	Caterpillars, flea beetles, black aphids, dugs, whiteflies, viruses	Caraway, like many umbellifers, is a useful companion
																						plant. It can hide the scent of neighbouring crops from pest insects, as well as attracting beneficial insects like
																						Expecially good planted with strawberries. Do not plant near dill or fermel.
																						Carasay, like many unrelieffers, is a useful composition joint. It can like the score of neighbouring crops from per latenct, as well as sufficiently described insects like the control of the control of the control of the control of the Depactually good planted with stranderies. On our plant Depactually good planted with stranderies. On our plant Composition of the Carasays; plant is also good for With deep roces the Carasays; plant is also good for With deep roces the Carasays; plant is also good for With deep roces the Carasays; plant is also good for plant even though the roots are propertiegly or plant even though the roots are propertiegly or good and the control of the control of death your spect carding is you don't accordinally did (like) the first your and up to Ghorn (2-like) in the second.
																						plant even though the roots are preparing for spring. Mark your spot carefully so you don't accidentally die
Caraway	Garave carrel	Apiaceae	nideamner	biennial		9-12"/16-24"	er.	w	zones 3 thru 7	pink, white	Average; do s overwates	100	Sheltered, runny	Well drained	Light, Fertile, sandy, not clay	61-78	hoverflies, parasitic wasps, big eyed bugs, lacewings	aphids, caterpillers, mitos, thrips, mealy bugs, leaf hoppers, spidermitos	From seed; direct sow outdoors in fall, From seed; direct sow after last frost	can become invasive	Particular discourse made la construir	them up in the spring, Caraseay will grow about 20cm (Bin) the first year and up to 60cm (24in) in the second.
																					damping off, rot, wilt and bacterial blight, blossom blight and aster yellows.	
																	Advantage to the second			Self-cows freely; deadhead if you do not want	Pretential diseases problems include despring off, rot, with and bacterial highly theseons highes and aster preference. Potential insect posts include grandoppers, includepers and cabbage leopers. Tanks are noted for behing in both sameser woulder.	Cortander is in general a good companion plant in the garden, helping to repol aghis and carrolt most by it genes well with asite, imprening the generatation and welves the tree openies are come tagether, but it grows hadly with femal, where it asits in reduce the savely ried of the femal.
Corriander	Contandrave sathwee	Apiaceae	Seasonal Hoomer	Annual	basal clumps, bechs	1.5-2 ft	1-1.5 ≘	1-1.5 fr	Zones 2 thru 11	white pink lawende	r Medium	80	Full sun-Partial Shade	Warm, dry	light (distiles constant moisture)	49-83	Pollisators, butterflies, lacewings, ladybugs, paraekic wasps	aphids, caterpillers, mites, thrips, whitefiles	From seed; direct sow after last frost	volunteer needlings neut neason Self-sows freely; deadhead	hot summer weather.	hally with fensel, where it aris to reduce the seed yield of the fensel. Cortander also gross particularly well with dill and shore!
Marigold - Lemon gern	Topeter Signate tensifolio	Asteraceae	Midsummer-early winter	Annual		6-12"	67-38	er		bright vellow	anycase	VMS	Political	Moist, well drained	nd loose	61-78	Butterflies, lady bird beedes, hoverfliests parasitic waste, big eved bugs	aphids, caterpillers, thrips, whiteflies, mites, mealy bug leafhoppers	s, From seed, sow indoors before last frost. From seed; direct sow after last frost	if you do not want volunteer seedlings next season		
																	Butterflee, lady bird beefee, hoverfleese parastic waspe, big eyed bugs attractive to bees, butterflees and/or birds, Pareley is a larval food plant for the black swallowtail butterfly, hoverflees, parastic waspe,	aphids, thrips caterpillers, spidermites, stink bugs,			Septoria leaf spot and stem ret. Carrot weevil, fina beetles, leafhoppers and tamished plant bugs.	
Parsley	Petroselleum crispum	Apiaceae	Blooms repeatedly in late winter-early spring	Biannual	herb, could be groundcover	.75-1 R	.75-1 ft	8"-12"	Zones 2 thru 11	greenish yellow, White/Near White	Medium	no no	Full oun-Partial Shade			5.6-60	tachinid files	bugs and beetles, mealy bugs	From seed; direct one outdoors in fall From seed; sow indoors before last first Sow the seed in dry, light soll, on a warm, surmy border, From seed; direct sow after last frost		tarnished plant bugs.	
Antine	Pimpinella antrum	Apiaceae	July-Midsummer	Annual	herb	19-24"		9-12"		white	des y ceerwa	tter no	full run	Moist, well drained	d sandy, fectile	56-7.5	attractive to bees, butteflies, birds		seed; direct sow after last frust	Plants will spread by		
																	attractive to beer, butterflier, birds, hoverflier,	aphids, caterpillers, thrips, stink bugs, squash bug nymphs, beetle & fly larvae, some true bugs and		self-seeding, but are generally not considered to be too	Powdery mildew, leaf spot, leaf blight and gray mold may occur.	
Bee blam	Meltou officinalis	Lamisceae	June, July, August	Perennial	Herbaceous	1.5-2 ft	1.5-3 ft	12-15"	zones 3 thru 7	white, yellow	Dry-Med	yes	Full oun-Partial Shade	270289	consistently moist Medium to fine	61-78	parasitic wasps, tacheid flies	beetles, mealy bugs,	herbaceous stem cuttings	aggressive.	and gray mold may occur.	
											Average Water Need	bc.			sandy, clayey, or rocky calcureous				dividing rhizomes, tubers, corms or bulbs (including offsets).	Self-sows freely; deadhead if you do not want volunteer seedlings next season		
Millowed	Ascirates periace	Ascleniadacese	tun. Isl. Aug	Personial	legume	3-58		20-30	zones 4 thru 9	white purple	Old fields, Water readsides, and regularly; d waste places, not overwal	to ter ves	full ran	Maier	Medium to fine sandy, claysy, or rocky calcarrous soils. Also found in well-drained learny soils.	56-75	Butterflier, Larval Host, Monarch, bees, lady bird beetle	s aphids mines whitefiles.	From seed; direct sow outdoors in fall. From seed; winter sow in wested containers, caldframe or unheated greenhouse. From seed; stratify if sowing indoors	seedings next season		Not shade tolerant. Needs lots of sunliabt.
											waste places. not overwat Average Water Need Water regularly; d	bc.										
Golden manuscrite	Anthonis tinctoria	Asteraceae	samer.	Personial	dumes	1-3.0	1-38	15-24"	zones 3 thru 7	white vellow	regularly; d	to ter ves	full ran	dre-med	permal-randy	56-75	butterflies, lacewings, ladybird beetles, hoverflies, parasitic warms tachinid flies	aphide, caterpillere, thripe, mitze, whiteflier, stick bugs equath bug symphe, beetle and file larvae, some true bugs and beefler, mosty bugs.	By dividing the roothall. From herbaceous etem cuttings. From need; now indoors before last frost	Aggressive, deadhead if you don't want volunteers next season	Mildew rarely occurs, but plants are slug and aphid prone	Sow seed in containers in early spring; divide plants in spring; root cuttings in spring or late suppose.
											Average Water Need	bc.							From need; direct new outdoors in fall. From need; winter new in wented containers, coldfirms or unbeated greenhouse. From need; stratify if newing indoors. From need; now indoors before last frost	Handling plant may		
Appellica	Anantica alass	Aniscene	Late Summer/Early Fall	Biomist, Perennial	dumes	362	3-68	18-24"	zones 4 thru 9	purple, lavender	Water regularly; d redox not overwal		Full our-Partial Shade	Moist, well drained	ed rich leases	56-75	attractive to been, butterflies, birds, lacrosines	aphids, caterpillers, mites, small insect ones	stratify if sowing indoors. From seed; sow indoors before last frost	cause skin irritation or allergic reaction	Powdery mildew, leaf spot. Aphids, smalls slags, leaf miners	
			Late Summer/Early Fall, mid fall								Average Water Need	bc.								Handling plant may		
Pennyropal	Mentha pulegium	Lamisceae	Late Summer/Lany Fail, mid fail	Perennial	groundcover	6-12 in	18	18-24"	zones 6 thru 9	Violet/Lavender	moiet meadows, regularly; d sandy streambeds not overwal	to ter yes	Pull Sun	moist	day or silt	5.6 to 7.5	bees, butterflies, parasitic wasps, hoverflies, tachinid flies	aphids, caterpillers, thrips, stink bugs, squash bug nymphs, beetle & fly larvae, some true bugs and beetles, mealy bugs	From berhaceous stem cuttings, From seed; direct sow after last frost	Handling plant may cause skin irritation or allergic reaction, ingestion is lethal	Self-sows freely; deadhead if you do not want volunteer seedlings next season	A good companion plant for cabbages and tomatoes, helping to repel cabbage root fly and other burrowing insects
			Late Spring/Early Summer, Mid Summer, Late Summer/Early Fall, Blooms repeatedly								Average Water Need	bc .										
Masterwort	Astrontia major	Apiaceae	Sammer/Larry Fau, moons repeatedly	Personial		23-27"	18-23"	12-15"	zones 5 thru R	Red	mountain meadows, graestands, clearings by streams not overwal	ter no	full tup, partial shade	moist	Sandy or Clay	56-75	bees hoverflies paraskic wasts	aphids, caterpillers, thrips,	By dividing the rootball		Sowers are sterile	
											Average Water Need	bc	Pull Sun						By dividing rhinomes, tubers, corms or bulbs (including offsets). From			
Lavender globe lily	Alliam tanguticum	Allums	Summer	Perennial	Bulbs	12-18 in	18	12-15 in	zones 3 thru 9	Violet/Lavender	Alpines and Rock regularly; d Gardens not overwat	to ter yes	7411.3411	moist	loam, rand	5.6 to 7.8	bees, butterflies, birds, hoverflies, parasitic wasps	aphids, caterpillers, thrips	need; direct new outdoors in fall. From need; winter now in wonted containers, coldframe or unheated greenhouse. From need; stratify if nowing indoors	Parts of plant are poisonous if ingested		
											Average Water Need	bc.							Self-sows freely; deadhead if you do not want volunteer			
Purple poppy mallow	Callirhoe Involucrata	Malvector	Late spring to early fall	Perennial		6-12"	24-39"	15-10"	zones 4 thru 9	red, white	Water regularly; d not overwal	to ter yes	full run	dry-moint	Sandy Soil, Clay Soil, Average Soil	61-65	bees, butterflies, lacowing, bosorflies, parasitic moths	aphids, caterpillers, mites, thrips, mealy bugs, small insect eggs	seedlings next season			Extended Bloom Time (more than 4 weeks), High Impact - Low Maintenance
											Asserage Wat Needs Wats	er er			Prefers sandy, well-				To decide the control from our to control to the last		Rust, Leaf and flower spots, Gray mold, Crown and root rots	Provide space between plants for adequate air
Statice	Limonium letifolium	Plumbagineceae	July, Aug, Sept	Perennial		18-30"	12-10"	2-3ft	zones 3 thru 9	blue violet pink	regularly; d not everwat	Ser yes	full run		tun	61-78	beer, parasitic wasps, hoverfiles	thrips, aphids, caterpillers, mealy bugs	By dividing the roothall. From seed; sow indexers before last frust. From seed; direct sow after last frust. Proposite by used - Start pools outstook where desired in			CONTRACTOR OF CO
Timete	Zinnin character	Arter	lange on from	Agreement		144	.75-1 ft	97-127	zones 3 thru 10	Red, yellow, orange pink, rose, lavender	desert plant Medium		p.41	evenly moint, well	l humory	61-78	butterflier, birds, bowerflier, parasitic wasps	ashids cateraillers thrips mealyburs	Propagate by seed - Start seeds outdoors where desired in spring after frost danger has passed, or indoors 4 weeks before the last spring frost.		Susceptible to posedery mildew, leaf spots, root rots, blight and Borrytis. Watch for Japanese beetles, spider miles, parasitic nemackodes	tolerates black walnut
2010	Access of Spirit	ONE COCKER	panel 59 07981	AIRES		4-915	.cell	4-12		present white	Dry, open, semi-	yes	All run	urained	Sandy, well-		, наличин, чем, нечетие, распекс макре	apreno, cano posetti, titripii, titribijtingii				VARIANI MAN WARK
Anise hypsop	Agastache foericulum	Lamiscene	summer to full	Perennial	champs	3-6 ft	1-38	12-15"	zones 4 thru B	Purple/Lawender	Asserage Wat	yes ser	full run	Moist, well draine	ed drained soils	61-78	beer, butterflies and humminghirds		Clump Division , Seeds		downy mildow	
Spike speedwell	Veronica spicata	Planaginaceae	blooms repeatedly from late spring through summe	er Perennial		24-36"	1-1.5h	12-15"	zones 2 thru 9	pink, blue violet, purple, white	Apines and Rock Alpines and Rock Gardens Anthropogenic (man-made or	io lor yes	full oun to partial shade	Well drained	normal, sandy, day	c107	bees, butterfiles, birds, lady bird beetles, bewerfiles	aphids, mites, thrips, whiteflies, mealy bugs	By dividing rhizomes, tabers, corms or bulbs (including offsets)			Deadbeading old spikes is necessary to continuously grow new ones
											Anthropogenic (man-made or disturbed habitats),											
											meadows and fields, woodlands.								Self-covex freely; deadhead if you do not want volunteer needlines			
Black eyed Susan	Rudheckia kirta	Asteroceae	Mid summer-Mid full	Perennial	Hardy Succulent,	12-16"	10-12"	12-15"	zones 5 thru 9	gold velices red	terrestrial asserage Alpines and Rock Gardens Dry-Med	yes	full our to partial shade	dry or moist dry-med, well	Normal, Sandy, Clay moist soils, good	7.9-8.5	bees, butterflier, birds, howerflier	aphids, thrips, mealy bugs ashids, caternillers, thrips, mealybugs	next season Take stem cuttings or root leaves in early summer. Start seed in full Disch in control		Mealybugs, scale insects, slugs, and smalls	does not self seed is shade tolerant
vv weigh Stottlecrop	Jensen Associotadicare	L. MANAGEREE	mdy, jude	resessor	govadacover			10-10-			unione sty-Med	Tes	mer nami, partial strade	urained	wanage	(197	онил нес, него бие, раззолс магре	apreno, cano posetti, titripii, titribijtingii	Self-count treely, datafhead if you do not wast valuations used ingo- ment sensor. Take stem cuttings or root leaves in early numers. Start used in fall. Didde in griding. From seed, direct new andstors in fall. From seed, winter soo in varied considers, codefines or a takended prevaleous. From seed, entirely if rawing indexes. From seed, more indexes before but frost.		and III	ware our sea seaso, in chadle blacking
Golden Nee Plant	Geome platycarpa	Geomoceae	Late Spring to early fall	Annual		6-36*	1-2ft	18-24"		Gold (Yellow- Orange)	Shrub-Steppe med-high	Med	Full can	Fine-Med, well drained	Sandy-Normal	65-89	bees		stratily if sowing indoors. From seed; now indoors before last frost. From seed; direct now after last frost	can become invasive		
											Anthropogenic (man-made or disturbed habitate), meadows and fields not overware	er io			any, avoid rich.				From seed; direct saw outdoors in fall From seed; saw indoors before	Self-nows freely; deadhead if you do not want volunteer needlings next neason Agricultural: Yellow toaddax contains a		
German Chamomile	Matricaria chamomille	Asteroceae		Annual	herb	6-12"	10-12"	ur		white-yellow	meadows and fields not everyor	ter med	full fun partial shade	avoid flooding	damp soils	56-7.5	howerflier, predatory wasps	aphids, caterpillers, thrips, mealybugs	last frust From seed, direct sow after last frust	Agricultural: Yellow		irrigate during bloom period for optimum flowering
																				poisonous glucoside that is reported to be	once established, yellow toadflax suppresses other vegetation mainly by	Books Tannada may be un to 3 ft horse books and and
										Volla 1										mildly poisonous to cattle. However, the	makense competition for limited soil moisture. Mature plants are particularly competitive with winter annuals and	Roots: Taprocets may be up to 3 ft long, hortmostal roots may gross to be several yards long, and can develop adventitious badd that may form independent plants.
										orange snapdragon-like	ruderal spots, along roads, in dunes, and on distracted and cultivated land moderate								From softwood cuttings. From seed; direct one outdoors in fall. From seed; winter sow in vented containers, coldframe or unheated	petronous glucoside that is reported to be mildly petronous to cattle. Hossever, the plant is considered unpaintable and reports of livestock poisceings are rare.	shallow-rooted perennials -> Very invasive	
Butter and Eggs	Linaria sulgaris For the area near the community g	Scrophalariaceue parden and outside the fence near th	May, June, July, Aug heir potting shed.	peressial	farb	1-3h		12-15"	zones 3 thru 9	flowers	cultivated land moderate	yes	full run, partial shade	well drained	sand, learn, clay	61-78	howerflier, predatory wasps	aphids, caterpillers, thrips, mealybugs	greenhouse	are rare.		
											It grows in the upper strata of the											
											primary forest, or in mature											
Bitterwood											secondary forests, and occurs in both dry and moist											resistant to termites and fungus
											climates. It is found does not require any	,										
	Simarouba glauca	Sinerouhaceer	mid spring-early summer	Personial	Tree	402+	taller than browl	9-12h	zones 9 thru 11	yellow	It grows in the upper rists of the new formatis of the new formati	al o d vex	full run	well drained, will proper with minor amounts of OM	sandy or limestone r soils, with humany top layer		Birds		dissocious; needs multiple plants			
											Swamps & Requires consistently	2										
Spotted jo-pye weed	Eutrochium meculatum	Asteroceae	Jul., Aug., Sep	Perennial	Herb	3-6 ft	3-58:	4 ***	zones 3 thru B	Red , Purple	moiet woodlands; not let dry or stream banks between	ut .	full sun, portial shade	Wat	Moist or wet,	56-65	beer, birds, beneficials		Sow seeds in the fall and plant thickly as germination is usually lose. Prepagation is also possible by softwood cuttings taken in late spring or by division. Divide the plants in fall as they go dormant, or in the spring just as shoots first appear.		Very high moieture needs; suitable for hogs and water gardens	An important source of honey, attracting pollinators by the score
	Astrocoum meculahan	Atternoone	jui, Aug, Sep	rerential	nerb	3-6 R	a-Sit	4-68	water a thru B	rea, Purple	waterings	no no	ruu sun, partial shade	Wet	cascareous soils Moist, sandy, well- drained soils.	36-65	nees, naras, beneficials				and water gardens	the score
Spicebush											ewamps and wet				Moist or wet, calcareous soils Moist, candy, well- drained soils. Caliche type, Linestson-based, Sandy Loam, Medium Loam				By dividing rhizomes, tubers, corms or bubs (including offsets) From seed; direct sow outdoors in fall From seed; stratify if sowing indoors By simple layering, By tip layering			
	Lindera benzoin	Louraceae	midspring	Perennial	berbs, shrubs	6-15 ft		8-12 ft	zones 4 thru 9	bright yellow	ewaraps and wet places Medium		partial-full shade	dry, moist, wet	Medium Learn	45-78	bees, butterflies and/or birds		stratify if sowing indoors By simple layering, By tip layering			

Elderberry											streambanks, moist woodlands, thickets,											Elderberries grow best when fertilized annually with compost. They have shallow roots, so mulch around the
Libertonity	Sambacur	Carrifoliacou			large bash or shrub	10-12 8		3.0	popes 2 thru B	white	fence rows and roadsides Medium-wet	ma.	full to partial sun	med-wet, consistently moint	well-designed learner	61.79	Nink		From softwood cuttings From hardwood cuttings		cane beners	plants with hay, straw, or bark chips to control weeds that compete for water and nutrients.
	Janearas	Cop games			ange tour or sursu	19-12 11		311	ACCRECATION IN	0.111	TOURS PROGRAMME		nan ar pan tan san	Continuely incom	Wes Grande Falles	9.1-7.8	004 US			The needs of all Prunus	Lawrences	
																				species, found inside the fruits, contain poisonous		
																				substances and should never be eaten.		
																				Sensitivity to a toxin varies with a person's		
											Moist soils of									condition, and individual susceptibility.		
						148+					canyons and on dry Medium (1-									Children are most	Susceptible to Root Rot, Rust, Verticillium	Pinch or prune lightly, usually takes 2 – 3 years to get going.
Holly leafed cherry	Prunus ilicifolia	Associat	march, april, may	perennial	evergrees shoult to tree	14 ft+	3-18h	10-20m	zones 6 thru 10	white	ridges; in chaparral 2x/m) lose-	yes	Full our-Partial Shade	good drainage	day, leam, sand	58-78	birds, bees			vulnerable be	and Virus	Remove lower branches to train as tree
Lavender											unnecessary								From hardwood heel cuttings From seed; stratily if sowing indoors			
	Lavendula stoechas	Lamigorae				1.5-3ft	1.5-3ft	15-18in	zones 6 thru 9	violet, purple, blac	k established	yes	full-partial sus	well-drained	sand, chalk, loam	6.6-7.5	hoverflies bees, butterflies and/or birds, lacrotines.	aphids, thrips, mealy bugs anhids, caternillers, mites, thrips, whitefiles, other	From seed; sow indoors before last frost By simple layering			Planting in groups of three is very effective
Cosmos	Cosmor bipinnatus	Asteraceue	June till frost	Annual		24-36"	2-3 ft	19-24"	zones 2 thru 11	pink, red, white	Med		full eur-partial shade	well drained, even moisture	avoid rich, fertile soils	66-85	hoverflies, ladybugs, parasitic wasps, big eyed bugs	small insect eggs, mealybugs, leafhoppers, spidermites, insect eggs, and mites	Self-sows freely; deadhead if you do not want volunteer seedlings next season	Parts of plant are poisonous if ingested		
		AGEST SECTION	pase tai a oni	Anna		24.00	2-316	10-24	20000 2 0000 11	prose, rest, woman	neu .	yes	nai tao-partar tao	1200111	5000	4043	trags.	spontane, marriage, and mars	servings and souther	passassas a ingeniera		Sulfur cinquelsil is a competitive early successional weed that
																						pensists until a weedy court is present. It can deminate a site after within 2-3 years of first appearance (FES 1998). Saffer cinquested has a long illeopan, and tweety year of plants are not uncommon (FES 1998). Saffer cinquested has been known
Sulfur cinquefoil						1-1.5h							Full our to part shade					aphids caterpillers mites thrips whitefiles other				net uncommon (FES 1998). Sulfur cinqueful has been known
															Challey, Learny,		bees, butterflies, birds, ladybups, hoverflies, parasisic	small insect eggs, mealsburg, leafborours.				(FEES 1990). In Montana, it is actually out-competing spotted
	Potentilla recta	Associate	May June July August	Peressial	herbaceous		1-1.5h	3-6"	Zone: 3 to 7	Yellow	Dry-Med	Yes		Moist, well drained	Sandy	acidic-alkaline	wasps	spidermites, insect eggs, and mites	freely self needs	Self-nows freely; deadbead		knapweed on some sites (FEIS 1998).
	Melianthus maximiliani																			if you do not want volunteer needlings next reason		
Sunflower		asteroceae	aug, sept, oct, nov	Peressial		4-10 ft	2-4ft	36-48"	zones 4 thru 10	bright yellow	rich prairies, ditches average	yes	full run	dry-moist	clay, learn, cand	66-78	beer, butterflier, birds, ladybird beetler, lacewings	aphids, caterpillers, mites, whiteflies	seeds, softwood cuttings			nectar source
common fame:	Tanaceture vulgare	asterpoepe	July, August	Perennial	Harbacooss	1-3.6	75-150 ft	24-36"	sones 3 thru 8	yellow	Dry-Med	yes	full sun to partial shade	well drained	humany soil, can tolerate dry soil	61-78	beer, butterflier, birds, ladybird beetler, lacewings	aphids, caterpillers, mites, whiteflies	self seeds, can become invasive	all plant parts are poisionous if ingested	spidermites	decomes
Common Com/	Annaces regions	MARIENALANE	july, August	PERENDA	PRO SALESAN		Jaramil	24.00		years.	av j-8600	yes		wes us assed	_marmy (iii	947.0	and the second s	-p-max, cases passers, cases, wasserficed	DOLLOWS, CALLSONS HARRY	all parts of plant is	special and a	inguines.
													eus to part shade							all parts of plant is politionous if ingested. The plant is said to be a nacrtic halkerinogen that is known to have caused fatalities		
Bugleweed	Ajuga reptans	Lamieceae	Nidepring late sprng, early summer	Perennial	groundcover	46"		64	zones 3 thru 9	blue	average, do not overwater	yes		moist	normal, sand, clay	45-60	bees, butterfiles, birds, lady bird beetles, beserfiles	aphmids, mites, thrips, whiteflies, mealybugs	dividing rootballs	hallucinogen that is known to have caused fatalities		
	buddleis devidii										1300 - 2600 metres in China . Waste places.		full sun									
butterfly bush		Buddlejacea	summer full	Pervanial	drub	70-94"	35-47"		zones 5 thru 10	red pink yellow purple white	riverside habitates 1200 - 2600 metres in China. Waste places, often on brick walls in Britain Lose-Average	yes		well drained, day	fertile soil	17	bees, butterflies, birds				capsid bugs, weevles, caterpillers, mallein meths, spider mites	
Autumn olive	Eloeogrus umbelista		spring	Donostid		15-20 ft	15-20 ft		zones 2 shru B			yes	full run		suedy	48-7			fortunal description	standard days		alaman dan dalah basar dan sarah
Augusta onve		Elerogeus		Perenna	earub	15-20 E	13-20 E		annels 2 Statu 6	yellow	Woodland Garden	yes		poor, well drained	succy	43-7	beer, butterflier, birds		Scarify seed before sowing	vines have sharp thorns	boney fungus	nitrogen fixer. Edible berries. A very good perimeter plant
Goumi	Elonageus multiflora	Eleeageur	april-may-june	Peressial	shrub	6.5-10t	6.5-10tt	6-88t	zones 4 thru 9	white yellow	Sunny Edge; Duppled Shade; Hedge zeerage	yes	full sun-portial shade	dry-med, well drained	loarny, rand	51-85	bees, butterflies, birds		From softwood cuttings. Scarily seed before sawing			actinorhizal bacteria nitrogen fixing
	rusa ruposa		blooms repeately, late spring early summer								uspecessory		Full our-Partial Shade						From softward cattings From seed, direct sew outdoors in fall From seed, winter now in worded containers, colditame or unheated greenhouse From seed;			
rugosa rosa	resa rugosa	Associae	biolosis repeatiny, into spring early summer	Percential	shrub	440	4-68		zones 3 thru 9	pink red lavender white	unnecessary once emblished	yes	PER SUN-PARTIE STAGE	dry-med, well drained	prefere rich, well drained soil	56-65	bees		vented containers, coldframe or unheated greenhouse From seed; stratify if sowing indoors Scarify seed before sowing		black spot, stem canker, japanese beetles, aphids, borers	very forgiving plant
											streambanky				cool, average soils, will talerate dry,					seed is poisionous if		
Lunines	Ispirus polgphyllus	Fabacepe	mid spring through early summer	biannual, pervanial	Herbaceous	19-40"		15-24"	zones 4 thru 7	any	meadows, other moist places regular watering	yes	full sun to partial shade	well drained	sandy soils. The will not grow in clay	56-75	beer, butterflier, birds		needs, cuttings, divisions	ingested, can become a noxious weed	ashids	have long taproots, nitrogen fluer, can thrive in cool moist
Lapanes		Passa. Fair		perennus	mi uacross	10-40		15-24	acces was a		Average Water	yes		WEL GLASSES	prefers sandy,	3873	100, 0000 100, 1010				apana.	Constraint
	Digitalis	Scrophulaniaceae	spring summer							pink red purple	Needs; Water regularly; do not overwater		full sun to partial shade		humusy, rich, well draining soils, but will do in any				From seed; direct sow outdoors in fall From seed; winter sow in vented containers, coldframe or unheated greenhouse From seed; sow indoors.			
fooglove	Eriogonum fusciculatum	n		Perennial		24-46"	12-19"	12-24"	zones 4 thru B	white yellow	overwater	no	full sun	Moist, well drained light-med well	will do in any sandy learns, learns,	6.1-7.8	bees, butterflies, birds bees, butterflies, hoverflies, tachinid		before last frost From seed, direct sow after last frost	poisionous if ingested		
buckwheat		Polygonacea	summer-full	Annual	grain	2"-3"	40.	34"		white	moderate	no		drained	sit loams	5.4-6.5	fies	aphids, mites, thrips, whiteflies, mealy bugs	From seed; direct sow after last frost From seed; direct sow outdoors in fall From seed; winter sow in vented		leaf spet	Exer phospherus
Calendula	culendala officinalis	asteraceae	late spring through mid fall	annual	Sower	1-2 ft	1-1.5 m	1-1.5ft		orange yellow whi	average, do not a overwater	no	Full sun-Partial Shade	and desired	sandy, loamy, days	6.1-7.5	butterflies		containers, coldframe or unheated greenhouse From seed; sow indoors before last frost From seed; direct sow after last frost		aphids, szails, slugs, cabbage looper, powdery mildew	
Carrious	Duacus carota			20000	22000					trange jernen una	regular watering, don't		Full sun-Partial Shade		same, many, may	4.27.3	WARRIES.	aphids, caterpillers, mites, thrips, whitefiles, other small	Detail to the state of the stat	polsionous if ingested,	pomony masor	
queen anne's lace						24-36"	14-16"	9-12"	zones 3 shru 9	white	dry soil disches ever water	yes				66-85	bees, hoverflies, lacewings, ladybugs, parasitic wasps	insect eggs, mealybugs, leathoppers, spidermites, insect eggs, and mites	self seeds easily	causes skin imitation on		VERY INVASIVE.
		Apiaceae	midsummer through early fall	biennial	Herbaceous									well drained						contact		
	Sarago officinals	Aplacese	midsummer through early fall spring through summer		Herhaceous			-11	2000 7 100 7			je.	Full sun-Partial Shade		prefers rich, takes					contact		
Borage	Aorago officinalis	Boroginaceae		Annual	Herhaceous	19-36"	9-24"	12"		purple, blue	regular watering don't overwater			well drained	any		bees		From seed; direct sow outdoors in fall	contact		good companion plant to tornatoes, squash, strawberries
Borage Onysanthemums	Borago officinalis Dendraráhena grandiflorum		spring through summer	Annual	Herbaceous		9-24"	12"	zones Sithru 8		regular watering don't overwater	med	full sun	well drained well drained	prefers rich, takes any fertile, sandy soils	5.848	bees hovefiles	aphids, thrips, mealy bugs	From seed, direct sow autdoors in fall	contact		
Onysanthemums Pansy	Borago officinalis Dendronthema grandiflorum Viala	Boroginaceae	spring through summer Weter, Spr. Sum, Fall	Annual Perennial annual; self seeds	Herbaceous	18-36° 18-36°		12" 18-26"	zones Sthru R zones 4thru 10	purple, blue varies varies	regular watering, don't overwater		full sun sun/part shade	well drained	any	5.848	bees howeffes		From seed, direct sow auddoors in fall	contact		does not handle disturbances to roots
Chrysanthemums Pansy Snowdrops Resoulated Ins	Barago officinalis Dendranthema grandiflorum Viala Galanthus relevali Jini reliculata	Annaginacese Asterisces	spring through summer	Annual Perennial annual; self	Herbacrous flower bub bub	19-36"	9-24° 2-3° 4-6°	12" 18-26"	zones 5 thru 8	purple, blue varies	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun	well drained well drained well drained, even	any fertile, sandy soils	5.84.8	bees howefiles	aphids, thrips, mealy bugs	From seed, direct sow audocors in fall	contact		
Chrysanthemums Pansy Snowdrops	Borego officinalis Dendronthema grandiflorum Violo Golonthus elwesii	Boroginaceae	opeing through numerer Weter, Sar, Sum, Fall Winner Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5.84.8	bees hovefiles	aphids, thrips, mealy bugs	From seed, direct saw autócors in fall	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Ins Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil Ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	epring through numerer Wenter, Spr., Sum, Fall Winter	Annual Perennial annual self seeds Perennial	bulb	18-36" 18-36" 1'	2-3"	12" 18-26"	zones Sthru 8 zones 4thru 10 zones 3-8	purple, blue varies varies white	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5.84.8	bees howeflee	aphids, thrips, mealy bugs	From seed, direct saw auditions in fail	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Onysanthemums Pansy Snowdrops Rediculated Ins Conellower	Barago officinalis Dendranthema grandiflorum Viala Galanthus relevali Jini reliculata	Annaginacese Asterisces	opeing through numerer Weter, Sar, Sum, Fall Winner Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5.848	bers howeffee	aphids, thrips, mealy bugs	From west, direct saw authors in fed	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil Ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5948	bee Novellas	aphids, thrips, mealy bugs	From send, direct saw authors in field	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil Ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opeing through numerer Weter, Sar, Sum, Fall Winner Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5948	bore haveflee	aphids, thrips, mealy bugs	from wed, direct see authors in fel.	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil Ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5848	bees haarfier	aphids, thrips, mealy bugs	from weld, direct see soldiers in full	COMPACT		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil Ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5,848	bore halantian	aphids, thrips, mealy bugs	from send direct see authors in the	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil Ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5.848	box hauffes	aphids, thrips, mealy bugs	Four work direction scholars in Mal	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil Ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5.948	been houseful	aphids, thrips, mealy bugs	Rum well, direct new extreme in Med	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil Ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5.948	box haseffee	aphids, thrips, mealy bugs	Four work direction scholars in Med	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil Ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5.848	ben hastini	aphids, thrips, mealy bugs	four and dent see colours in fed	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5.848	hen.	aphids, thrips, mealy bugs	Four wed direction should be decided in Med.	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5.848	ben hastini	aphids, thrips, mealy bugs	Num and, direct see coolsen in Med	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5.948	hen. Nasrini	aphids, thrips, mealy bugs	Rum well directive sketchen in Med	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5.848	lon.	aphids, thrips, mealy bugs	Num and, direct see coolsen in Med	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5848	lan.	aphids, thrips, mealy bugs	Four well direct see election in Med	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5.848	lon.	aphids, thrips, mealy bugs	Four and directors election in Ma	GOTGE		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5.848	Men. Naurini	aphids, thrips, mealy bugs	Run well direct see election in Mel	GOTGE		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5848	lan.	aphids, thrips, mealy bugs	Four and directors decision in Ma	cotted		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5868	Men. Nastin	aphids, thrips, mealy bugs	Rum well direct see elections in Mel	ortel		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Into Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5.848	lan.	aphids, thrips, mealy bugs	Four and directors decision in Ma	acted		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Ins Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Wheel, Spr., Sum, Fall William John, Mar Dec, Jan, Feb, Mar	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	Saca	Men. Nastin	aphids, thrips, mealy bugs	Rum well direct see election in Mel	orted		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Ins Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Worker, Spr., Sum, Fall Worker Int., Rey, Marr Dec, Lee, Feb, Marr	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5868	hen.	aphids, thrips, mealy bugs	Four and directors deciden in Med	contact		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas
Chrysorthersums Pansy Snowdrops Resoulated Ins Conellower Stock	dia rego officinalis Dendrantheme Wale Glosthus elemil ini reticulata Echinocea pallida Matthiolia innana	Annaginacese Asterisces	opring through natural Worker, Spr., Sum, Fall Worker Int., Rey, Marr Dec, Lee, Feb, Marr	Annual Perennial annual; self seeds Perennial Perennial	bulb bulb	18-36" 19-36"	2-3"	12" 18-26" 6" 6-6/92	zones 5 thru 8 zones 4 thru 10 zones 3-8 zones 3-9	purple, blue varies varies white purple, blue	regular watering, don't overvater regular watering, don't overwater regular watering,		full sun sun/part shade shaded	well drained well drained well drained, even	any fertile, sandy soils	5,848	Marsini	aphids, thrips, mealy bugs	Rum well direct new elections in Med	cortext		does not handle disturbances to roots perform best under shrubbery in wooded, shady areas

Latin Name	Common Name	Flowers During:	Aphids	Caterpillars	Mites	
achillea fillipendulina	fern leaf yarrow	sum- early fall	Lacewings, Ladybugs	Lacewings	Lacewings, Ladybugs	
anethum graveolens	dill	summer	Lacewings, Ladybugs, Paracidic wasps	Lacewings, Para. Wasps	Lacewings, Ladybugs	
Cosmos bipinnatus	cosmos white sensation	sum- fall	Lacewings, Hoverflies	Lacewings	Lacewings	
foeniculum vulgarw	fennel	summer	Lacewings, Ladybugs	Lacewings, Para. Wasps	Lacewings, Ladybugs	
hellanthus annuus	Sunflowers	sum- early fall	Aphidius, Lady, Pirate, Big-Eyed bugs	Pirate bugs	Ladybugs	
iberis umbellata	candy tuft	spring- fall	Hoverflies			
Limonium latifolium	statice	sum- fall	Hoverflies			
Lupinus sp.	lupin	summer	Aphidius, Hoverflies, Aphidolees			
Petroselinum crispum	parsley	early- late summer	Hoverflies			
Phacelia tanacetifolia	Phacelia		Hoverflies, Pirate bugs, Paracidic wasps	Pirate bugs, Para. wasps		
Trifolium spp.	Clover	late spring- summer	Big-Eyed Bugs		Big-Eyed Bugs	
Matricaria recutita?	Chamomile	all summer	Hoverflies	Predatory wasps		
Fagopyrum esculentum	Buckwheat	summer	Pirate bugs	Pirate bugs		
	Common Name		Thrips	Whiteflies	Spidermite	
	fern leaf yarrow			Ladybugs		
	dill			Ladybugs		
	cosmos white sensation		Hoverflies			
	fennel			Ladybugs		
	Sunflowers		Pirate bugs	Ladybugs, Big-Eyed Bugs	Pirate bugs	
	candy tuft		Hoverflies			
	statice		Hoverflies			
	lupin		Hoverflies			
	parsley		Hoverflies		D: 1 1	
	Phacelia		Pirate bugs, Hoverflies	Die Fred Dese	Pirate bugs	
	Clover		I I eli	Big-Eyed Bugs		
	Chamomile Buckwheat		Hoverflies		Dianta harra	
	вискипеат		Pirate bugs		Pirate bugs	
	Tachinid flies	Ladybugs	LACEWINGS	BIG EYED BUGS	Trichogramma wasps	Hoverflies
	Parasites of caterpillars (corn earworm, imported cabbage worm, cabbage loopers, cutworms, army worms), stink bugs, squash bug nymphs, beetle and fly larvae, some true bugs, and beetles. Adults are 1/3 to 1/2 inch long. White eggs are deposited on foliage or on the body of the host. Larvae are internal parasites, feeding within the body of the host, sucking its body fluids to the point that the pest dies.	Easily recognized when they are adults by most gardeners. However, the young larvae, black with orange markings, eat more pests than the adults, and they can't fly. Yellowish eggs are laid in clusters usually on the undersides of leaves.	Lacewings (Chrysopa spp.) Individual white eggs are found laid on the ends of inch-long stiff threads. Beautiful, little (3/4") green or brown insects with large lacy wings. It is the larvae (which look like little alligators) that destroy most of the pests. They are sometimes called aphid lions for their habit of dining on aphids. They also feed on mites, other small insects and insect eggs. On spring and summer evenings, lacewings can sometimes be seen clinging to porch lights and screens or windows.	Big eyed bugs (Geocoris spp.) Small (1/4 inch long), grayish-beige, oval shaped) bugs with large eyes that feed on many small insects (e.g., leaf hoppers, spider mites), insect eggs, and mites, as both nymphs and adults. Eggs are football shaped, whitish-gray with red spots.	These lay their eggs in the eggs of moths (hungry caterpillarsto-be), killing them and turning them black.	Also known as syrphid fly, predatory aphid fly or flower fly. Adults look like little bees that hover and dart quickly away. They don't sting! They lay eggs (white, oval, laid singly or in groups on leaves) which hatch into green, yellow, brown, orange, or white half-inch maggots that look like caterpillars.
						They raise up on their hind legs to catch and feed on aphids, mealybugs and others.

SECTION	MARKET CROP	PEST OF MARKET CROP	ACTIVE TIME OF DAMAGE	PREDATOR OF PEST	PREDATOR ACTIVITY SEASON	NOTES BLOOM	PEST PREDATOR	NOTES	PEST LIFE CYCLE
1	Aster	Aphids, Cottony Cushion Scale, Beet Armyworm, Cabbage Looper, Carnation Leafroller, Corn Earworm, Cutworms, Omnivorous Leafitter, Aster Leafhopper, Leafminers, Black Scales, Spider Mittes, Thrips	ALTIVE TIME OF DAMAGE	(Aphids) Ladybird Larvae, hoverfly, lacewing larvae, predatory gall midge larvae, parasitic wasps. (Cottany Cushion Scale) vedalia beetles, parasitic fly, (Beet Armyworm) parasitic wasps (adult and larvae), big eyed bugs/tachind flies, minute pirate bugs, polyhedrosis virus, (Cabbage Looper) eggs and small larvae are attacked by bigeyed bugs, minute pirate bugs, tincher bugs, tincher bugs, tincher bugs, tincher bugs, tincher bugs, tinsectivorus birds, parasitic insects. (Corn Earworms) Trichogramma spp. Generalist predators; Lacewings, minute pirate bugs, damsel bugs. (Cutworms) Tachind files, ritchogramma wasps, braconid wasps, and insect-killing nematodes parasitize cutworms, Toads, moles, shrews, blackbirds, meadowlarks, and firefly larvae are all natural predators. (Omnivorous Leaftier) birds, parasitic wasps (Anagrus spp.) lady beetles, minute pirate bugs, green lacewings, predaceous mites, spiders. (Leafminpers) Parasitic wasps (Anagrus spp.) lady beetles, minute pirate bugs, green lacewings, predaceous mites, spiders in the production of the productio	(Aphids) June-Sept	PERIOD			Aphids have many generations a year. Most aphids in California's mild climate reproduce asexually throughout most or all of the year with adult females giving birth to live offspring—often as many as 12 per day—without mating. Young aphids are called nymphs. They molt, shedding their skin about four times before becoming adults. There is no pupal stage, some species produce sexual forms that mate and produce gegs in fall or winter, providing a more hardy stage to survive harsh weather and the absence of foliage on deciduous plants. In some cases, aphids lay these eggs on an alternative host, usually a perennial plant, for winter survival. When the veather is warm, many species of aphids can develop from newborn nymph to reproducing adult in seven to eight days. Because each adult aphid can produce up to 80 offspring in a matter of a week, aphid populations can increase with great speed. [3]
1	Bells of Ireland	Relatively free of pests and diseases.	N/A			July-Frost	Cottony Cushion Scale Vedalia Beetle, Parasitic Fly, [4]	For the most effective and economical control, treat in early spring when ant populations are active but before they become heavy. Unless otherwise disrupted, vedaila beetle populations can completely controlCottany Cushion Scales [5]	The body of the female cottony cushion scale is orangish brown, but its most distinguishing feature is the elongated, fluted white cottony egs asc that is attached to its body. The egg sac contains 600 to 800 red eggs and may become two to three times as long as the body of the female; the resulting length of the female; but see egg sac can be almost 1/2 inch (Figure 2). Eggs hatch into crawlers if Figure 3) in a few days during warm weather but take up to but months to hatch in winter. The reawlers are red with black legs and antennae. They settle along leaf veins and begin to produce the white cottony secretion they are known for. In order to increase in size, scales shed their outer skin (molt) and grow a new, larger covering. Each time the scale molts, it leaves behind its white, cottony moltings kin (Figure 4). Immature scales look reddish for a short period of time before they begin producing more cottony secretions. Second-instar nymphs settle on twigs and leaves, usually along leaf veins (Figure 5). Third-instar nymphs move to branches (Figure 6). Adults may be found on branches or on the trunk of trees. The minute red winged male is rarely seen, and females don't need to mate to reproduce young. Cottony cushion scale has two to three generations a year. Unlike most other scales, it retains its legs and its mobility throughout its life. Cottony cushion scale completes its life cycle in three months during warm weather conditions. For additional photographs of each life stage of tootny cushion scale, onsult Stages of the Cottony Cushion Scale (Icerya purchasi) and its Natural Fnemy, the Vedalla Beetle (Rodolia cardinalis), [6]
1	Dianthus	Aphids, Spidermites, Thrips, Cyclamen Mite, Beet Armyworm, Cabbage Looper, Leafrollers, Leafries, Tabacco Budworm, Cutworm, Bud Mite, Root Knot Nematodes, Soft Scales, Weevils		(Aphids) Ladybird Larvae, hoverfly, lacewing larvae, protatory gall midge larvae, parasitic wasps, Spidermites) Predatory mites, six spotted thrips, spider mie destroyed lady beetle, minute pirate bugs, big eyed bugs, lacewing larvae, western flower thrips. (Thrips) Predatory thrips, green lacewings, minute pirate bugs, miles, parasitic wasps. [Beet Armyworm) parasitic wasps (dout and larvae), big eyed bugs/tachindf files, minute pirate bugs, polyhedrosis virus. (Cabbage Looper) bigeyed bugs, minute pirate bugs, trichogramma parasities, polyhedrosis virus. (Learfollers) Central predators, lacewings, assassin bugs, and minute pirate bugs. Interestivations brids, small mamsis. (Learfiers) birds, parasitic wasps and files, and predacious beetles. (Cutworms) Tachindf files, trichogramma wasps, bracondi wasps, and insect-fulling nematodes parasitize cutworms, Toads, moles, shrews, budshirds, meadowlarks, and firefly larvae. (Cydamen Mites) Predatory Mites, Six Spotted Thrips. (Tobacco Budworm) Prolistes spp. wasps (Hymenoptera: Vespidae); bigeye bug, damsel bugs, minute pirate bugs, and spiders. (Soft Scales) Parasitic Egg Laying Wasps and File. (Weevils) Parasitic Wasps, lady beetles, lacewings and damsel bugs			parasitic wasps (adult and larvoe) big eyed bugs/tachinid files, minu pirate bugs, polyhedrosis virus (7		Adult moths live 4 to 7 days and are about 3/4 inch long, dusky, mottled grey with distinct lighter markings on the forewings, including a rounded and crescent-shaped spot. They are nocturnal, but may be picked up in sweep net samples. The female moth lays small masses of pale greenish or pinkish, striated leggs on the underdised of leaves, covering them with dirty white halfiles casles. Early instar larvae hatch within 2 to 5 days and usually feed in groups, skeletonizing leaves and spinning silk over the feedings site. Rate of development depends on temperature with larvae living 18 to 24 days and pupation lasting 5 to 8 days. A complete generation is completed within 21 to 35 days, often with or more generations per year. They donot overwinter in Arizona desert production regions, but continue to feed on various plant hosts through the winter. The beet armyworm is a pest of many crops including alfalfa, cotton, and vegetables. Pigweeds (Amaranthus sp.), and netttleleaf goosefoot are also favored hosts. [8]
1	Grass						Cabbage Looper eggs and small larvae are attacked by bigeyed bug minute pirate bugs, trichogramma parasites, polyhedrosis virus [9]	5,	Pupae spend winter attached to host plants or in nearby garden debris. Moths emerge in the spring and become widely dispersed including north into areas too cold for winter survival. The moths deposit pale green, domed eggs on the plants. The eggs hatch in 3 or 4 days. The destructive larval stage reaches full development in 24 weeks. They pupae in thin slic occons attached to the stems or undersides of leaves, and adults emerge within 10 days. Loopers as far north as Canada will go through two to three generations in a year and several generations per year are possible in warmer areas. [10]
1	Rudbeckia	Aphids, Thrips, Whiteflies				July-Oct	General predators; lacewings, asassin bugs, and minut plate bugs. Insectivorous birds, small manals and different groups of arthropods (including almost all orders of predatory insect). Parasitoids include species attackit to all different life stages: -Egg parasitoids for learfollers are confined to the chalcidoid family TrichogrammatidaeEgg-larval parasitoids include species of the genus Ascogaster sppLarval parasitoids include species of the genus Ascogaster sppLarval parasitoids include species, policy in the genus Ascogaster sppLarval parasitoids include species, policy in the genus Ascogaster sppLarval parasitoids include species, policy in the genus Ascogaster sppLarval parasitoids include bracially, including a parasitoids include bracially including a policy in the genus Ascogaster sppLarval parasitoids include bracially including a parasitoid and chalcidid species. Puppl parasitoid including a parasitoid and chalcidid species.		In the Maritime Provinces leafrollers overwinter as eggs on twigs and branches. They hatch in the spring starting at full pink through to full bloom but some might be found as early as green tip. Redbanded leafrollers are a week or more later hatching than obliquebanded and fruittree leafrollers. An average of 111.9 degree-days (thermal units) above 10.0° tis required from egg laying to hatching. The total laval development stage requires 435.6 degree-days. By petal fall the first OBIR lavaee that hatched will be full grown and they will roll themselves in leaves and pupale. This continues for the others well into June and by the time the fruit are 6mm to 8mm in diameter, most of the OBIR will have pupated. In late July the adult moths emerge and females begin laying eggs within 24 hours. There is just one generation per year in the Maritimes. [12]

		_						
1	Scabiosa				Corn Earworm	In areas where this insect survives the winter, pupe hibernate in the soil. Adult moths emerge anywhere from February through June, depending upon temperatures, and deposit their eggs singly on corn silks and other plant parts. Each female can lay up to 3,000 eggs, which hatch in two to ten days. When lavae emerge, they burrow directly down through the silks into the ear tip, becoming fully grown in 3-4 weeks. Corn earworm are extremely cannibalistic, which tends to limit the number of larvae to one per ear. When full grown, they drop to the ground to enter the soil for pupation. Usually two generations develop in the north, with as many as six in the extreme south, [13]		Trichogramma spp. Generalist predators; Lacewings, minute pirate bugs, damsel bugs [14]
1	Snapdragon				Cutworms	Tachinid flies, trichogramma wasps, braconid wasps, and insect-killing nematodes parasitize cutworms, Toads, moles, shrews, blackbirds, meadowlarks, and firefly larvae are all natural predators. [15]	Put a collar around plants to keep cutworm from choking out and felling the stems.	may spend the winter as eggs on weeds and lettover dead plants, or as larvae or pupae in the soil. Species that have spent the winter underground may come out during the first warm days of early spring. [16]
1	Statice				Omnivorous Leaftier	birds, parasitic wasps and flies, and predacious beetles [17]		he insect overwinters in silken cases as a young larva on the bark of trees and other rough surfaces, but not on strawberry plants. In spring, the larvae spin silken threads, and are carried by wind to host plants which, besides strawberries, include butch risk, hops, filberts, pears, clover, and plantain. On strawberries, the larvae web the leaves and flowers together beginning in late April, then feed on the developing fruit. The moths appear in June and July and lay eggs. There is one generation per year. See more at: http://insect.pnwhandbooks.org/small-fruit/strawberry/strawberry-omnivorous-leathers/stashs.jnnip/#22.dpuf 18]
1	Sunflower				Leafhoppers	Parasitic wasps (Anagrus spp.) lady beetles, minute pirate bugs, green lacewings, predaceous mites, spiders [19]		Adults overwinter in crop debris or non-cultivated areas adjacent to gardens. In late spring females deposit 1-6 eggs daily within the stems and larger veins of the leaves. Hatching occurs in 6-9 days, and the young nymphs molt 5 times before they become fully grown adults. White cast skins shed by the molting nymphs can often be found attached to the underside of damaged leaves. The period from egg to adult is about three weeks. Several overlapping generations may be completed during the growing season, [20]
1	Zinnia				Leafminers	parasitic wasp Diglyphus isaea [21]		Mature larvae overwinter in the soil under host plants. As temperatures warm in the spring larvae pass to the pupal stage and appear as young adults in late April. Mated females use their needle-like ovipositor to lay up to 250 eggs just under the surface of the leaf epidermis. Deposited eggs may appear as small raised spots on the leaf. Within 10 days hatching larvae tunnel through the mid-leaf tissue, feeding as they go and leaving tell-tale wavy lines that are visible on the surface. Larvae mature in 2-3 weeks, and when ready to pupate, leave the leaf and drop to the soil. Once on the ground, they dig 1-2 inches into the soil and pupate. Adults emerge within 15 days as adult files. There are several generations per year. [22]
1	Cucumber Pickle				Black Scales	parasitic wasps, beetles, bugs, lacewings, mites, predatory lady beetle [23]		Scales hatch from an egg and typically develop through two nymphal instars (growth stages) before maturing into an adult. Each instar can change greatly as it ages, so many scales appear to have more than two growth stages. At maturity, adult females produce eggs that are usually hidden under their bodies, although some species scerette their eggs externally under prominent cottony or waxy covers. Eggs hatch into tiny crawlers (mobile first instar nymphs), which are yellow to orangish in most species. Crawlers walk over the plant surface, are moved to other plants by wind, or are inadvertently transported by people or birds. Crawlers settle down and begin feeding within a day or two after emergence. Settled nymphs may spend their entire life in the same spot without moving as they mature into adults. Nymphs of some species can move slowly, such as soft scales that feed on deciduous hosts and move from foliage to bark in the fall before leaves drop. For species with multiple generations, all scale life stages may be present throughout the year in areas with mild winters. [24]
1	Squash				Spidermites	Predatory mites, six spotted thrips, spider mie destroyed lady beetle, minute pirate bugs, big eyed bugs, lacewing larvae, western flower thrips [25]		In some parts of California, spider mites may feed and reproduce all year on plants that retain their green leaves throughout the winter. In colder areas and on deciduous trees that drop their leaves, webspinning mites overwinter asred or orange mated females under rough bark scales and in ground litter and trash. They begin feeding and laying eggs when warm weather returns in spring. Spider mites reproduce rapidly in hot weather and commonly become numerous in June through September. If the temperature and food supplies are favorable, a generation can be completed in less than a week (Figure 5). Spider mites prefer hot, dusty conditions and usually are first found on trees or plants adjacent to dusty roadways or at margins of gardens. Plants under water stress also are highly susceptible. As foliage quality declines on heavily infested plants, female mites catch wind currents and disperse to other plants. High mite populations may undergo a rapid decline in late summer when predators overtake them, host plant conditions become unfavorable, and the weather turns cooler as well as following rain. [26]
1	Winter Squash				Thrips	Predatory thrips, green lacewings, minute pirate bugs, mites, parasitic wasps [27]	Wind Travellers	Thrips hatch from an ega and develop through two actively feeding larval stages and two nonfeeding stages, the prepupa and pupa, before becoming an adult. Late-instar larvae change greatly in appearance and behavior and are called prepupae and pupae, even though thrips do not have a true pupal stage. Females of most plant-feeding species lay their elongate, cylindrical to kidney-shaped eggs on or into leaves, buds, or other locations where larvae feed. The pale prepupae and pupae of most species for to the soil or leaf littler or lodge within plant crevices or galls. Greenhouse thrips pupate penely on lower leaf surfaces; while pupae (and eggs) of some gall-making species, such as Cuban laurel thrips and myoporum thrips, occur on leaf surfaces but are enclosed within distorted plant tissue. Thrips have several generations (up to about eight) a year. When the weather is warm, the life cycle from egg to adult may be completed in as short at lime as 2 weeks, [28]
					Cyclamen Mites	Predatory Mites, Six Spotted Thrips [29]		Cyclamen and broad mites develop through four life stages: egg, nymph, pseduopupa, and adult. Cyclamen mite eggs are smooth pale ovals, about one- half the length of adults. Broad mite eggs are equally tiny, but are studded with rows of tiny pegs protruding from the eggs upper surface. One generation is completed in about 5 to 21 days, depending on temperature. Cyclamen and broad mites do best under cool, moist conditions. [30]

			Root Knot Nematodes	Preventative Sanitation Strategies [31]	Plant-feeding nematodes go through 6 stages—an egg stage, 4 immature stages, and an adult stage. Many species can develop from egg to egg-laying adult in as little as 21 to 28 days during warm summer months. Immature stages and adult males are long, slender worms. Mature adult females of some species such as root knot nematode enhange to a swollen, pearlike shape, whereas females of other species such as lesion nematode remain slender worms. Nematodes are too small to be seen without a microscope. It is believed the root knot nematode survives from season to season primarily as eggs in the soul. After the gegi hatch, the second-stage juveniles invade roots, usually at root tips, causing some of the root cells to enlarge where the nematodes feed and develop. The male nematodes eventually leave the roots, but the females remain embedded, laying their eggs into a jellylike mass that extends through the root surface and into the soil. [32]
			Tobacco Budworm	Polistes spp. wasps (Hymenoptera: Vespidae); bigeye bug, damsel bugs, minute pirate bugs, and spiders. [33]	Corn carworm eggs are white when first laid, but soon develop a dark red or brown ring around the top. Before hatching they darken as the larvae develop inside. Deeper ridges and a more hemispherical shape distinguish corn earworm eggs from looper eggs. Larvae have discrete rows of tubercles with one or two protruding hairs along their backs. As larvae mature they develop distinct stripes, but the overall color is variable. Earworms often migrate into lettuce from surrounding crops. The tobacco budworm is similar in appearance and life history to the corn earworm but can be distinguished by the presence of this yspines on the tubercle at the base of hairs on the 8th abdominal segment (tobacco budworm when viewed under a microscope. Tobacco budworm occurs in lettuce in the southern desert areas of California. [34]
			Soft Scales	Parasitic Egg Laying Wasps and Flies [35]	Soft scales at maturity are 0.08 to 0.2 inch (2–5 mm) in diameter. The soft scale's surface is the actual body wall of the insect and, unlike ammored scales, cannot be removed. Adults are black, brown, or orangish with a hemispherical, humped, or round shape. The exception is pyriform scale, which is flattened and somewhat deltoid (pointed at one end and rounded at the other). White was projects from beneath the margin of female pyriform scales. Mobile first instars (crawlers) emerge from eggs laid under the female's body. First instars settle to feed within a day or two of emergence. These rymphs are oval and yellow, pale orange, or reddish. Soft scales retain barely visible legs and are able to move slowly, as they molt through three instars. On evergreen hosts such as avocado, after the crawler stage scales usually spend the rest of their life in one sport.
			Weevils	Parasitic Wasps, lady beetles, lacewings and damsel bugs [36]	Alfalfa weevil adults emerge in the spring after average temperatures reach 60 degrees. F. They start chewing holes in young alfalfa leaves as soon as crop growth begins but do not lay eggs for several weeks. In early April, the female weevils begin to chew holes in alfalfa stems with their beaks. They deposit one to 40 eggs in each cavity. The eggs are small and bright yellow, although they darken as they near maturity, Egg hatch occurs in one to two weeks. The newly-hatched, yellowish-green larvae (immature weevil or "worm") feed within the stem for a few days before moving to the opening leaf bud at the tips of the stems. Later, they feed on the leaves, producing a characteristic ragged or selectionized appearance. Severe damage gives the field a graysh or whitsh cast, as if it had been frosted. At maturity, the larvae are dark green, 3/8-inch long, with a black head and a white stripe down the back. Larvae usually can be found in the field for one to two months, mostly during May and June. Mature larvae move down the plant or drop to the ground and spila fragile, facelite occoon
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
2 Rasii					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
2 Basil Bean					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
2 Bean 2 Bean Pole					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
 Bean Bean Pole Celeriac 					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
2 Bean 2 Bean Pole 2 Celeriac 2 Cilantro					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
 Bean Bean Pole Celeriac 					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
2 Bean 2 Bean Pole 2 Celeriac 2 Cilantro 2 Dill 2 Lettuce 2 Parsley					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
2 Bean 2 Bean Pole 2 Celeriac 2 Cilantro 2 Dill 2 Lettuce 2 Parsley 2 Pea					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
2 Bean 2 Bean Pole 2 Celeriac 2 Cilantro Dill 2 Lettuce 2 Parsley 2 Pea					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
2 Bean 2 Bean Pole 2 Celeriac 2 Cilantro 2 Dill 2 Lettuce 2 Parsley 2 Pea					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
Bean Bean Pole					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
2					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering
Bean Bean Pole					attached to debris or the plant. A new adult emerges after 10 to 12 days. Adults can be found in the field until early fall, when they move to their overwintering

4	Roots				
4	Beet				
4	Carrot				
4	Leek				
4	Onion				
4	Parsnip				
5	Brassica				
5	Broccoli				
5	Cabbage				
5	Kale				
5	Kohlrabi				
5					
	Swiss Chard				
	BLT				
	Basil				
	Bean Dry				
	Cucumber				
	Greens				
	Lettuce				
	Pea				
	Potato				
	Radish				
	Salad Greens				

DS = Direct Seed	NC - Need Cuttings	T = Transplant			
Plant Name	Have it	Need it	Where from?	Planting info	Still need to start seed
Autumn Olive		x	Burnt Ridge Nursery	Т	
Goumi		X	Burnt Ridge Nursery	Т	
Elderberry		X	Pat Ras., BRN, Tesc Farm cuttings	Т	
Rosa Rugosa	X		TESC Farm - cuttings	Т	
Lupine	5 starts - can we use?	X	Daisy chain CSA, seed-Johnny's	T, DS in fall	
Foxglove		X	wcs	DS	
Lavender		X	Cuttings from farm or demeter's	NC (T)	
Cr. Thyme		X	cuttings from ?	NC (T)	
Sunflowers	some - garden?		seeds in office in workroom	Т	Yes
Fennel		X	?	T, DS	
Dill	Extra?	X	wcs	T, DS	Yes
Parsley	some - garden?	X	Johnny	Т	Yes
Buckwheat		X	Johnny	DS	
Calendula	some - garden?	X	Johnny	DS	
Queen Anne's Lace		X	?	DS	
Bee Balm	some - garden?			Т	
Borage	some - garden?			Т	
Mums	some - garden?			T	
Marigolds	some - garden?			T	
Chamomile	some - garden?			Т	
plant	source	price	amount	item numbe	organic
foxglove	wcs	\$15	15g	FL2604C	no
lupine	johnny	\$11	1/4 lbs	1820	no
buckwheat	johnny	\$38.50	25lbs	966g	yes
yarrow	wcs	\$23.95	10g	FL2035C	no

dill	wcs	\$7.95	25g	HR1082C	yes
sunflower	wcs	\$9.95	10g	FL3255C	yes
parsley	johnny	\$38	1 lb	2390G	yes
Autumn Olive	Burnt Ridge Nursery	\$3.00	2 to 4	NSAOAUT	yes
Goumi	Burnt Ridge Nursery	\$3.50	2	NSGMGOU	yes
Elderberry	Burnt Ridge Nursery	\$3.50-8.50	0 to 4	? A couple	yes

Achillea millefolium Agastache foeniculum Agastache nepetoides	Perrenial Perrenial	Johnny's		Yarrow Colorado Mix	3878G			120-130 Days	yes		28-30"			http://www
	Perrenial													
Agastache nepetoides	i ci i cinai	Horizon Herbs		Anise Hyssop	PMINTL	June, July, Aug, Sept			yes					https://www
	Perrenial	Prairie Moon Nursery		Yellow Giant Hyssop	AGA04F	July Aug Sept Oct								
Ajuga reptans	Perrenial	Horizon Herbs		Bugleweed	PBUGLE	Mar, Apr, May, June			Yes				Beautiful in mass plant	in https://ww
			Has been switched from canadense var. lavendulare to											
Allium tuberosum	Perrenial	Grow Organic.com	tuberosum due to lack of available seeds	Chives/Garlic	SNV8033	April, May, June		90-100 days	yes				Good insectary Plant	http://www
Anethum graveolens	Annual		available seeds	Dill Dill	SNV8033							Hurry, will be back-order		
Anethum graveolens	Allitual		switched from Angelica atropurpurea to Angelica archangelica due to lack of available	Dill	920			40-55 days	Yes			Hurry, Will be back-order	ed soon	http://www
Angelica archangelica	Biennial, Perrenial		stock	Angelica	901	Mar. Apr		365	Yes					http://www
Anthemis tinctoria	Perrenial	Horizon Herbs		Dyer's Chamomile	PCHAMD				Yes					https://www
Asclepias syriaca	Perrenial	Horizon Herbs		Common Milkweed	PMII KC				Yes					https://www
Astragulus canadensis	Perrenial	Everwild.com		Canadian Milk Vetch	FASTCAN-01	Summer			no			Checked Terrirtoial, Hori	Chosen for winter folia	
Aurinia saxatilis	1 CITCHIAI	StokeSeeds		Basket of Gold		May, June			No			Checked Swallowtail Gar		
Borago officinalis	annual	Johnny's	officinalis	Borage	912G	i may, sanc		50-60 days	Yes			Circuica Swallowial Gal	acii (oat oi stock), ilaii	http://www
buddleia davidii	Perrenial	SwallowTail Garden	Ojjicinans	Butterfly Bush	PR02427			30-00 days	No			Checked Terrirtoial, Horiz	sonHorbe Ctokes Hors	
Calendula arvensis	Perrenial	Horizon Herbs		Wild Calendula	PCALEW	Nov, Dec, Jan, Feb, Mar			Yes				Chosen for winter bloo	
calendula officinalis	annual	Johnny's	officinalis	Calendula, Triangle Flashback	1810G	July, Aug, Sept, Octo, Frost		50-55 days	yes				Chosen for whiter bloc	http://www
Callirhoe involucrata	Perrenial	Prairie Moon Nursery	Officinalis	Purple Poppy Mallow	CAL53F	June, July, Aug	B, C (30)	50-55 days	yes			Checked Terrirtoial, Horiz	sonHorbe Ctoboe Horsi	
Carum carvi	biennial	Horizon Herbs		Caraway	PCARA	Julie, July, Aug	B, C (30)					Checked Territolal, non	zuimerus, stokes, narri	https://www
Carum carvi Cleome serrulata	Annual	Sustainable Seed Co		Rocky Mountain Bee Plant	SKU17407	May, June			yes			Checked Terrirtoial, Horiz	souttorbe Chakes !!	
Cieome serruiata Coriandrum sativum			anti-um			iviay, June		E0 EE d				Checked Terrirtolal, Horiz	zonneros, Stokes, Harri	
	Annual	Johnny's	sativum	Coriander/cilantro	3858G			50-55 days	yes			December 1 " "		http://www
Cosmos bipinnatus Daucus carota	Annual Annual		Daucus carota var.	Sea Shells Cosmos Mixture	1327A				Yes			Responds to deadheadin	g	http://www
			sativus	Yaya Carrot	2681G			56 days	yes					
Digitalis purpurea	biennial	SeedSavers	purpurea	Giant Spotted Foxglove	0128A				yes					http://www
Echinacea pallida	Perrenial	Horizon Herbs		Coneflower	PECHIPAL	Winter			yes					https://www
Elaeagnus multiflora	Perrenial-Shrub/Tree	Burnt Ridge Nursery		Goumi	NSGMRED LARGE	E2			no			Checked BotanicalSpirit,		
Elaeagnus umbellata	Perrenial-Shrub/Tree	Burnt Ridge Nursery		Autumn Olive	NSAOAUT				no			Checked BotanicalSpirit,	Rain Tree Nursery, Hide	
Eriogonum fasciculatum	Annual	Johnny's		Common Buckwheat	966G	July, Aug, Sept		35-42 days	yes					http://www
Eutrochium maculatum	Perrenial	Horizon Herbs		Joe Pye Weed	PGRAV	Aug, Sept			yes				Awesome Bee and but	
Foeniculum vulgare	Annual	Johnny's		Bronze & Green Leaf Fennel	2136	5		50-60 days	yes					http://www
Galanthus elwesii	Perrenial	Burpees		Snowdrop	78036	Jan, Feb, Mar			no			checked territorial, Swal	Chosen for winter bloo	n http://www
Helianthus maximiliani	Perrenial	Johnny's		Maximilian's Sunflower	1321	Aug, Sept, Oct -Frost		125-140	No			Checked WildFlowerFarn	ns (Not Organic), Swallo	w http://www
Helianthus tuberosus	annual	Johnny's	tuberosus	Jerusalem Artichoke	511			90 days	yes			Shipped in october for fa	II planting	http://www
Iris reticulata	Perrenial	Burpees		reticulated iris	78043	Jan, Feb, Mar			no			checked territorial, Swall		
Lavandula stoechas	Perrenial	Horizon Herbs		French Lavender	PLAVEF			100-110 days	Yes					https://www
Limonium sinuatum	annual	johnny's	Has been switched from latifolium to sinuatum	seeker mix, statice	1923				no			checked territorial, Swall		
Antirrhinum majus	annual;self seeds	johnny's		Chantilly Formula Mix Snapdragon		Sept, Oct, Nov, Dec, Jan, Feb, Mar, April, May,	, June		no			checked territorial, Swal		
Antirrhinum majus	annual;self seeds	Johnny's		Animation Mix Snapdragon		Dec, Jan, Feb, Mar, Apr, May, June		100-110 days	no			checked territorial, Swal		
Lindera benzoin	Perrenial	Horizon Herbs		SpiceBush (seeds)	PSPIC				no			checked territorial, Swall		
Lindera benzoin	Perrenial	Horizon Herbs		Spicebush (Organic potted plant)					yes			checked territorial, Swall		
Lobelia siphilitica	annual	Prairie Moon Nursery		Great Blue Lobelia	LOB06F	July, Aug, Sept, Oct	c(60),D		no			checked territorial, Swall	owtail gardens, seedsa	v∈ Prairie Moo
Lobelia spicata	annual	Prairie Moon Nursery		Pale Spiked Lobelia	LOB10F	May, June, July, Aug	c(60),D		no			checked territorial, Swall	owtail gardens, seedsa	v∈ Prairie Moo
Lobularia maritima	Annual	Territorial		sweet alyssum	FL2039		Direct sow in	50-60 days	no			checked territorial, Swall	owtail gardens, seedsa	v∈ http://www
lupinus polyphyllus	biennial, Perrenial	SwallowTail Garden		Lupine, minarette dwarf mix	PR00942	May, June, July			no			checked territorial, Swal	Chosen for it's dwarf g	o http://www
Matthiola incana	Perrenial	SwallowTail Garden		Stock	AN05125	Winter, Spri			no			checked territorial, Swal	Chosen for winter bloo	n http://www
Matricaria chamomilla	Annual	Johnny's		Common Chamomile	914G			60-65 days	yes					http://www
Melissa officinalis	Perrenial	Johnny's		Lemon Balm	766G			70	yes					http://www
Mentha pulegium	perrenial	Horizon Herbs		PennyRoyal	PPENN				no			checked territorial, Swall	owtail gardens, seedsa	ve https://ww
Monarda didyma	Perrenial	Horizon Herbs		Bergamot Bee Balm	PBERGR				yes					https://www
Petroselinum	biennial	Johnny's	crispum	Moss Curled II Parsley	3512G			75	yes					http://www
Phacelia Tanacetifolia	Annual	Seedsaver's	tanacetifolia	Phacelia, Purple Tansy, Bee's Frien		5			no			checked territorial, Swal	excellent results when	
Pimpinella anisum	Annual	Horizon Herbs		Anise	PANISO				yes					https://www
Potentilla recta	perrenial		arquta	Prairie Cinquefoil	POT02F	June, July, Aug, Sept	C(6), D, G					checked territorial, Swall	owtail gardens, seeds a	
Prunus ilicifolia	Perrenial-Shrub/Tree	MoosaCreekNursery	spp. Lyonii	Catalina Cherry		Mar, Apr, May, June	Transplant		No			checked Burnt Ridge Nur		
rosa	Perrenial	TESC Nursery	rugosa	Rugosa Rose		, 4.,,,	Transplant		yes					,
Rudbeckia hirta	perrenial	Johnny's		Black Eyed Susan	1769	June, July, Aug, Sept, Oct	Transplant		no			checked territorial, Swall	owtail gardens, seeds a	ve http://www
Sambucus	Perrenial	TESC Nursery		elderberry	2700		Transplant		yes			, 5401		.,,,
Sedum kamtschaticum	Perrenial	SwallowTail Garden		Selsie Russian Stonecrop	PR05053	May, June, July, August			no			checked territorial, Swall	owtail gardens, seeds a	ve http://www
Tagetes Signata tenuifolia	Annual	High Mowing		Marigold	7074A	,,,,,			yes					http://www
Thymus serpylum coccineus	Perrenial	Johnny's		German winter Thyme	940G			90-95 days	yes					http://www
Tropaeolum majus	Annual	Johnny's		Kaleidoscope Mix Nasturtium	1882G			55-65 days	yes					http://www
Veronica spicata	perrenial		hybrida	Speedwell	PR06268	July, Aug, Sept, Oct	C(30)	and on days	no			checked territorial, Swall	owtail gardens seeds	
Viola tricolor	annual;self seeds		,	Pansy, Helen Mount, Johnny Jump		all year	2(30)		no			checked territorial, Swall		
Zinnia elegans	Annual	SeedSavers	elegans	Red Cap Zinnia	0303A	blooms extensively until frost			yes			serritoriai, JWdi	year roullu	http://www
Zinnia elegans Zinnia elegans	Annual	SeedSavers	elegans	Gift Zinnia	0080A	responds to deadheading			yes					http://www
Ziima elegaris	Aimud	SeedSavers	Eleguns	Ont Zimila	OUGUA	responds to deadneading			yes					nttp.//www
Sustainable Seed Co	http://sustainableseedco.com/search.php? mode=search&page=1													
Horizon Herbs	https://www.horizonherbs.com/product.asp? specific=419													
1101120111120	http://www.seedsavers.													
SeedSaversExchange	org/onlinestore/Flower-Seeds/Flower-Sea- Shells-Cosmos-Mixture-OG.html http://www.seedsofchange.													
Const. (C)	com/searchproducts.aspx?													
Seeds of Change	search=Coriandrum%20sativum http://www.johnnyseeds.com/p-8969-marino.													

SwallowTail Gardens	http://www.swallowtailgardenseeds. com/herbs/cilantro.html#gsc.tab=0							
GrowOrganic.com	http://www.groworganic. com/search#&q=Coriandrum%20sativum% 20&p=1							
EverwildFarms	http://www.everwilde.com/store/Cleome- serrulata-WildFlower-Seed.html							
StokesSeeds	http://www.stokeseeds.com/search_results. aspx?search=Coriandrum%20sativum							
WildFlowerFarm	http://www.wildflowerfarm.com/index.php? route=product/search&search=Coriandrum% 20sativum%20							
Territorial	http://www.territorialseed.com/category/s? keyword=Coriandrum+sativum							
HarrisSeeds	https://www.harrisseeds. com/storefront/search.aspx? searchterm=Coriandrum+sativum+							
High mowing Co	http://www.highmowingseeds.com/_search. php?page=1&q=Coriandrum+sativum+							

SCIENTIFIC NAME	COMMON NAME	SEED SOURCE	CATALOGUE #	DURATION	LINK	UNIT	SEEDS/UNIT	# OF UNITS	Aprox. # of SEED: PR	ICE PER UNIT	TOTAL PRICE
Achillea millefolium	Yarrow Colorado Mix	Johnny's	3878G	Perrenial	http://www.johnnyseeds.com/p-9073-0	packet	500		500	\$ 3.95	\$ 3.95
Agastache foeniculum	Anise Hyssop	Horizon Herbs	PMINTL	Perrenial	https://www.horizonherbs.com/produc	packet	100		200	\$ 2.95	\$ 5.90
Agastache nepetoides	Yellow Giant Hyssop	Prairie Moon Nursery	AGA04F	Perrenial		packet			0		\$ -
Ajuga reptans	Bugleweed	Horizon Herbs	PBUGLE	Perrenial	https://www.horizonherbs.com/produc	packet	20		2 40	\$ 2.95	\$ 5.90
Allium tuberosum	Chives/Garlic	Grow Organic.com	SNV8033	Perrenial	http://www.groworganic.com/pvfs-chiv	packet	100		2 200	\$ 2.99	\$ 5.98
Anethum graveolens	Dill	Johnny's	920	Annual	http://www.johnnyseeds.com/p-8210-b	packet	200		2 400	\$ 3.95	\$ 7.90
Angelica archangelica	Angelica	Johnny's	901	Biennial, Perrenial	http://www.johnnyseeds.com/p-7977-a	packet	200		2 400	\$ 3.95	\$ 7.90
Anthemis tinctoria	Dyer's Chamomile	Horizon Herbs	PCHAMD	Perrenial	https://www.horizonherbs.com/produc		100	3	300	\$ 2.95	\$ 8.85
Asclepias syriaca	Common Milkweed	Horizon Herbs	PMILKC	Perrenial	https://www.horizonherbs.com/produc		50	3	150	\$ 2.95	\$ 8.85
Astragalus canadensis	Canadian Milk Vetch	everwilde.com	FASTCAN-01	Perrenial	http://www.everwilde.com/store/Astra		1250			\$ 1.99	\$ 1.99 Chosen for
Aurinia saxatilis	Basket of Gold	StokeSeeds	511	?	http://www.stokeseeds.com/product.a		1000		1000	\$ 6.04	\$ 6.04
Borago officinalis	Borage	Johnny's	912G	annual	http://www.johnnyseeds.com/p-9065-b		1400		1400	\$ 8.75	\$ 8.75
buddleia davidii	Butterfly Bush	SwallowTail Garden	PR02427	Perrenial	http://www.swallowtailgardenseeds.co		50			\$ 1.99	\$ 3.98
calendula officinalis	Calendula, Triangle Flashback	Johnny's	1810G	annual	http://www.johnnyseeds.com/p-6772-t		900			\$ 10.65	\$ 10.65
calendula arvensis	Wild Calendula	Horizon Herbs	PCALEW	Perrenial	https://www.horizonherbs.com/produc		20			\$ 2.95	\$ 5.90
Callirhoe involucrata	Purple Poppy Mallow	Prairie Moon Nursery	CAL53F	Perrenial	Prairie Moon Nursery Catalogue	packet			0	Ų 2.33	\$ -
Carum carvi	Caraway	Horizon Herbs	PCARA	biennial	https://www.horizonherbs.com/produc	nacket	200			\$ 2.95	\$ 5.90
Cleome serrulata	Rocky Mountain Bee Plant	Sustainable Seed Co	SKU17407	Annual	http://sustainableseedco.com/flower-se		30			\$ 1.99	\$ 7.96
Coriandrum sativum	Coriander/cilantro	Johnny's	3858G	Annual	http://www.johnnyseeds.com/p-8969-r		3100			\$ 4.85	\$ 4.85
Cosmos bipinnatus	Sea Shells Cosmos Mixture	SeedSavers	1327A	Annual	http://www.seedsavers.org/onlinestore		100			\$ 2.99	\$ 8.97
Daucus carota	Yaya Carrot		2681G	Annual	http://www.johnnyseeds.com/p-7155-y		750			\$ 4.10	\$ 4.10
Digitalis purpurea	Giant Spotted Foxglove	Johnny's	0128A	biennial	http://www.seedsavers.org/onlinestore		1000			\$ 4.10	\$ 4.25
Echinacea pallida	Coneflower	SeedSavers	PECHIPAL	Perrenial							
Есничей раниа	Conenower	Horizon Herbs	FECHIFAL		https://www.horizonherbs.com/produc	раскет	100	3	300	\$ 2.95	\$ 8.85
Elaeagnus multiflora	Goumi	Burnt Ridge Nursery	NSGMRED LARGE	Perrenial- Shrub/Tree	http://www.burntridgenursery.com/ba	Ex L Gal	1	:	1	\$ 25.00	\$ 25.00
Elaeagnus umbellata	Autumn Olive	Burnt Ridge Nursery	NSAOAUT	Perrenial- Shrub/Tree	http://www.burntridgenursery.com/AU	2-3' Seedling	1	-	2 2	\$ 4.00	\$ 8.00
Eriogonum fasciculatum	Common Buckwheat	Johnny's	966G	Annual	http://www.johnnyseeds.com/p-6263-b		14,200			\$ 5.45	\$ 5.45
Eutrochium maculatum	Joe Pye Weed	Horizon Herbs	PGRAV	Perrenial	https://www.horizonherbs.com/produc	packet	100	1	2 200	\$ 2.95	\$ 5.90
Foeniculum vulgare	Bronze & Green Leaf Fennel	Johnny's	2136	Annual	http://www.johnnyseeds.com/p-8201-b	packet	200			\$ 3.95	\$ 7.90
Galanthus elwesii	Snowdrops	Burpee	78036	Perrenial	http://www.burpee.com/vegetables/se	25 bulbs	25			\$ 16.95	\$ 33.90 (currently o
Iris reticulata	Reticulated Iris	Burpee	78043	Perrenial	http://www.burpee.com/vegetables/se	15 bulbs	15			\$ 7.95	\$ 15.90 (currently o
Helianthus maximiliani	Maximilian's Sunflower	Johnny's	1321	Perrenial	http://www.johnnyseeds.com/p-8096-r	1/16oz	650	1	650	\$ 9.00	\$ 9.00
Helianthus tuberosus	Jerusalem Artichoke	Johnny's	511	annual	http://www.johnnyseeds.com/p-6187-s		-	1		\$ 23.00	\$ 23.00
Lavandula stoechas	French Lavender	Horizon Herbs	PLAVEF	Perrenial	https://www.horizonherbs.com/produc	packet	50	1	100	\$ 3.95	\$ 7.90
Limonium sinuatum	seeker mix, statice	johnny's	1923	annual	http://www.johnnyseeds.com/p-9359-s	1/16oz	600	1	1 600	\$ 6.90	\$ 6.90
Antirrhinum majus	Chantilly Formula Mix Snapdrago	johnny's	1929	annual;self seeds	http://www.johnnyseeds.com/p-9364-0	500 seeds	500	1	500	\$ 5.30	\$ 5.30
Antirrhinum majus	Animation Mix Snapdragon	Johnny's	1842	annual;self seeds	http://www.johnnyseeds.com/p-7289-a	250 seeds	250	1	1 250	\$ 7.85	\$ 7.85
Lindera benzoin	SpiceBush (seeds)	Horizon Herbs	PSPIC	Perrenial	https://www.horizonherbs.com/produc	packet	20	1	1 20	\$ 7.95	\$ 7.95
Lindera benzoin	Spicebush (Organic potted plant)	Horizon Herbs	NSPICt	Perrenial	https://www.horizonherbs.com/produc	Potted Shrub	1	:	1	\$ 10.00	\$ 10.00
Lobelia siphilitica	Great Blue Lobelia	Prairie Moon Nursery	LOB06F	annual	Prairie Moon Nursery Catalogue			1	0		\$ -
Lobelia spicata	Pale Spiked Lobelia	Prairie Moon Nursery	LOB10F	annual	Prairie Moon Nursery Catalogue			1	. 0		\$ -
Lobularia maritima	sweet alyssum	Territorial	FL2039	Annual	http://www.territorialseed.com/produc	gram	2300	1	2300	\$ 5.95	\$ 5.95
lupinus polyphyllus	Lupine, minarette dwarf mix	SwallowTail Garden	PR00942	biennial, Perrenial	http://www.swallowtailgardenseeds.co	50 seeds	50		2 100	\$ 2.49	\$ 4.98
Matthiola incana	Vintage Mix Stock	SwallowTail Garden	AN05125	Perrenial	http://www.swallowtailgardenseeds.co	50 seeds	50		2 100	\$ 1.99	\$ 3.98
Matricaria chamomilla	Common Chamomile	Johnny's	914G	Annual	http://www.johnnyseeds.com/p-9063-0		76,000		76000	\$ 8.20	\$ 8.20
Melissa officinalis	Lemon Balm	Johnny's	766G	Perrenial	http://www.johnnyseeds.com/p-9080-l		200			\$ 3.95	\$ 3.95
Mentha pulegium	PennyRoyal	Horizon Herbs	PPENN	perrenial	https://www.horizonherbs.com/produc		100			\$ 2.95	\$ 5.90
Monarda didyma	Bergamot Bee Balm	Horizon Herbs	PBERGR	Perrenial	https://www.horizonherbs.com/produc		50		2 100	\$ 3.95	\$ 7.90
Petroselinum	Moss Curled II Parsley	Johnny's	3512G	biennial	http://www.johnnyseeds.com/p-9106-r		23,400			\$ 6.95	\$ 6.95
Phacelia Tanacetifolia	Phacelia, Purple Tansy, Bee's Frie		786	Annual	http://www.seedsavers.org/onlinestore		1000			\$ 2.99	\$ 2.99
Pimpinella anisum	Anise	Horizon Herbs	PANISO	Annual	https://www.horizonherbs.com/produc		100		2 200	\$ 2.99	\$ 5.98
Potentilla recta	Prairie Cinquefoil	Prairie Moon Nursery	POT02F	perrenial	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		100			\$ 10.00	\$ 10.00
Prunus ilicifolia	Catalina Cherry			Perrenial-	http://www.moosgorooks.urcoru/h	1 02	1				
roca	Rugosa Rose	MoosaCreekNursery		Shrub/Tree Perrenial	http://www.moosacreeknursery.com/N	T RqI	1			\$ 7.99	\$ 15.98
rosa Pudhadia hirta		TESC Nursery	1760		http://www.isham.co.de.co.de.co.de	250 1	2=2	1		\$ 10.00	\$ 10.00
Rudbeckia hirta	Black Eyed Susan	Johnny's	1768	perrenial	http://www.johnnyseeds.com/p-9034-0	250 seeds	250			\$ 6.15	\$ 6.15
Sambucus	elderberry	TESC Nursery		Perrenial				1	0	\$ 10.00	\$ 10.00

Sedum kamtschaticum	Selsie Russian Stonecrop	SwallowTail Garden	PR05053	Perrenial	http://www.swallowtailgardenseeds.co	500 seeds	500	1	500	\$ 2.99	\$ 2.99
Tagetes Signata tenuifolia	Marigold	High Mowing	7074A	Annual	http://www.highmowingseeds.com/org	1/8oz	750	1	750	\$ 9.35	\$ 9.35
Thymus serpylum coccineus	German winter Thyme	Johnny's	940G	Perrenial	http://www.johnnyseeds.com/p-6262-g	1/4oz	26250	1	26250	\$ 9.40	\$ 9.40
Tropaeolum majus	Kaleidoscope Mix Nasturtium	Johnny's	1882G	Annual	http://www.johnnyseeds.com/p-7817-k	OZ	200	1	200	\$ 8.90	\$ 8.90
Veronica spicata	Speedwell	SwallowTail Garden	PR06268	perrenial	http://www.swallowtailgardenseeds.co	25 pelleted seed	25	2	50	\$ 2.99	\$ 5.98
Viola tricolor	Pansy, Johnny Jump Up	Johnny's	1442	annual;self seeds	http://www.johnnyseeds.com/p-8104-h	1/8oz	6400	1	6400	\$ 8.95	\$ 8.95
Zinnia elegans	Red Cap Zinnia	SeedSavers	0303A	Annual	http://www.seedsavers.org/onlinestore	packet	100	2	200	\$ 2.99	\$ 5.98
Zinnia elegans	Gift Zinnia	SeedSavers	0080A	Annual	http://www.seedsavers.org/onlinestore	packet	100	2	200	\$ 2.99	\$ 5.98
										TOTAL	\$ 483.81
Sustainable Seed Co											
Horizon Herbs											
SeedSaversExchange											
Seeds of Change											
Johnny's											
SwallowTail Gardens											
GrowOrganic.com											
EverwildFarms											
StokesSeeds											
WildFlowerFarm											
Territorial											
HarrisSeeds											
High mowing Co											

SCIENTIFIC NAME	COMMON NAME	FORM	MATURE HIEGHT	MATURE WIDTH	SPACING	BLOOM TIME	BLOOM COLOR	BEARING AGE	SUNLIGHT	H2O	SOIL	PH	Nature	NICHE	INTEREST TO	EDIBILITY/MARKETABILITY	POLUNATION	PESTS or DISEASE	NOTES	COMP. LOCATION	SEED SOURCE	PRODUCT ID #	UNIT	PRICE PER UNIT	Seed/Starts/Saps/Uni t	# OF UNIT	Total Number of Seeds/Starts/Saps	PRICE	ORGANIC	LINK NOT
											Rich, Well Drained, High Moisture						Hermaphroditic	Aphids, Scales,	Mildew Resistant.								area (alan (ala)			Checked Burnt Ridge
Albes setivum	Cherry Red Currant	Tall shrub, small tree	3-4"	7	3-5"			2-3 Years - Summer	Partial Shade	moist	Holding Capacity. Avoid lightly textured, sandy soil.	Around 6.5, Avoid Acidic Soils	Heavy N Feeders		Insects - Flowers, Birds - Berries	Berries	Flowers, Pollinators, Self Sterile	Borers, Girdler, Fruitworm, Anthractnose, Powdery Mildew	Trellis for Circulation, Avoid Sulfate of Potash	Onalaska, Wa	Burnt Ridge Nursery	NSCUCIE	1 Med	\$10.00			0.00	\$0.00	No	Perennials, Rolling Riv Berry USA, One Gn And/Or Not
																														Checked Burnt Ridge I Perennials, Rolling Riv
eg Goultheria shallon	Salai	Shrub	5			Spring	pink-white	2-3 Years - September	partial	molst	Well Drained	acidic			binds, bears - berries, insects - flower	s berries, leaves	Self Fertile	Not Bothered	Likes shade	Williams, OR	Horizon Herbs		1 Seed Packet	\$2.95	100	1.00	100.00	\$2.95	No	pherbs com/product Herbs, High Mowing, Johnsy's, Tentitoria, And/Or Not
April circlinatum	Vine Maple	Tall shrub, small tree	447																		Rolling River		1 Seedling	\$7.00	1	2.00	2.00	\$14.00	Yes	Anayor has
Chamerian	Connect	Deve																					110000				0.00	50.00		
angustifolium	remes	Piowei																									0.00	,0.00		
Philadelphus lewisii	V Mock Grange	9nub				Late June	White													Onalaska, Wa	Burnt Ridge Nursery	NSNSMOC	1 year old	\$2.50	1	20.00	20.00	\$50.00	No	Checked Burst Ridge I Perensials, Rolling Rid Berry USA, One Gree Herbs, High Mowing, Johnny's, Temitorial, I And/Or Not
Cornus kouso	Red Twig Dogwood	Tree	20'				Pink												disease resistance of C.	Onalaska, Wa	Burnt Ridge Nursery	NSDOSAT	Grafted 4-5'	\$35.00	1	1.00	1.00	\$35.00	No	Checked Burst Ridge Perensials, Rolling Ri DMI-RED-DOSWOOD Herbs, High Mowing Johnny's, Temborial, And/Or No
	Tiger Lily																										0.00	\$0.00		
																														It was between Bu
Oemiario cerasoformi	nis Indian Plum	Tall shrub, small tree	8-12'			March	White	2-3 Years - Late Summe	r partial-full							Berries	Sexual-Pollinators	s Not Bothered		Onalaska, Wa	Burnt Ridge Nursery	NSN SIND	18-24"	\$3.50	1	4.00	4.00	\$14.00	No	Green World - Checked Stargazen DIAN PLUM-Demiss Sive Nursery USA, Horizon Her Seeds of Change, Sa Seed Sa
	e Yarrow Colorado M	t Flower - Perennial																			Johnny's		Packet	\$3.95	500	1.00	500.00	\$3.95		http://www.johnnyseeds.com/p-9073-c
Agastache foeniculu		Flower - Perennial																			Horizon Herbs	PRUGLE SNVR033	Packet	\$2.95	20	2.00	40.00 200.00	\$5.90		https://www.horizonherbs.com/product
Ajaga reptans Wism tuberosum		Flower - Perennial																			Grow Organic.com Johnny's	SNV8033 901	Packet Parket	\$2.99 \$1.95	100	2.00 1.00	200.00	\$5.98 \$3.95		http://www.groworganic.com/pvfs-chiv http://www.johnnyseeds.com/p-7977-u
Angelica																									200					http://www.jonnnyseeds.com/p-7977-
archangelica		Flower-Biennial, Perrenk	al																		Horizon Herbs	PCHAMD	packet	2.95	100	1.00	100.00	\$2.95		https://www.horizonherbs.com/produ
	a Dyer's Chamomile																				Horizon Herbs	PMIXE	packet	2.95	50	1.00	50.00	\$2.95		https://www.horizonherbs.com/produ
Asclepias syriaca Aurinia saxotilis	Common Milkweed Basket of Gold																				StokeSeeds SwallowTail Garden	511		56.04	1000	1.00	1,000.00	\$0.00 \$6.04		http://www.stokeseeds.com/oroduct.a
buddleia davidii		Perrenial																			Horizon Herbs	PR02427	packet	\$1.99	50	1.00	50.00	\$1.99		http://www.stokeseeds.com/product.or/ http://www.swallowtailgardenseeds.co
	Wild Calendula	Perrenial																			Prairie Moon Nurses		packet	\$ 2.95	20	2.00	40.00	\$5.90		https://www.horizonherbs.com/produ
	ta Purple Poppy Mallo	Perrenial																			Horizon Herbs	CALSEF					0.00	\$0.00		Prairie Moon Nursery Catalogue
larum carvi Disitolis nurresres	Caraway Giant Spotted Foxgl																				SeedSavers Horizon Herbs	PCARA 0128A	packet	\$ 2.95 \$ 4.25	200	1.00	200.00 1,000.00	\$2.95 \$4.25		https://www.horizonherbs.com/produ http://www.seedsavers.org/onlineston
Echinacea pallida	Coneflower	Perrenial																			Burnt Ridge Nursery		packet	\$ 2.95	100	1.00	100.00	\$2.95		https://www.horizonherbs.com/produ
Eloeagnus multiflori	ro Goumi	Perrenial- Shrub/Tree																			Burnt Ridge Nursery	NSGMRED LARGE2	ExtGal	\$ 25.00	1	1.00	1.00	\$25.00		http://www.burntridgenursery.com/bi
loeagnus umbellati		Perrenial- Shrub/Tree																			Horizon Herbs	NSADAUT	2-3' Seedling	\$4.00	1	1.00	1.00	\$4.00		http://www.burntridgenursery.com/AL
atrockium seculatum	Joe Pye Weed	Perrenial																			Burpee	PGRAV	packet	\$ 2.95	100	2.00	200.00	\$5.90		https://www.horizonherbs.com/produ
ris reticulata	Reticulated Iris	Perrenial																			Johnny's	78043	15 bulbs	\$ 7.95	15	1.00	15.00	\$7.95		http://www.burpee. Currentil
Telianthus	Maximilian's Sunfig	Perrenial																			iohany's	1321	1/16oz	\$9.00	650	1.00	650.00	\$9.00		
movireiliseri Antimbleum majus	Chantilly Formula N	t annual california																			Johnny's	1929	500 seeds	\$ 5.30	rm	1.00	500.00	\$5.30		http://www.johnnyseeds.com/p-8096 http://www.johnnyseeds.com/p-9364
letimbleum majus	Animation Mix Snap																				Horizon Herbs	1842	250 seeds	\$ 7.85	250	1.00	250.00	\$7.85		http://www.johnnyseeds.com/p-7289
Lindera benzoin	SpiceBush (seeds)	Perrenial																			Horizon Herbs	PSPIC	packet	\$ 7.95	20	1.00	20.00	\$7.95		https://www.horizonherbs.com/produ
Lindera benzoin	Spicebush (Organic us: Lupine, minarette d																				SwallowTail Garden SwallowTail Garden	NSPICE PROTOSE?	Potted Shrub 50 seeds	\$ 10.00	1 00	1.00	1.00	\$10.00		https://www.horizonherbs.com/produ http://www.swallowtailgardenseeds.co
Matthiola incana																					Johnny's	AN05125	50 seeds	\$1.99	50	2.00	100.00	53.98		http://www.swallowtailgardenseeds.co
Melissa officinalis	Lemon Balm	Perrenial																			Horizon Herbs	766G	packet	\$ 1.95	200	1.00	200.00	\$3.95		http://www.johnnyseeds.com/p-9080
Mentha pulegium	PennyRoyal	perrenial																			Horizon Herbs	PPENN	packet	\$ 2.95	100	2.00	200.00	\$5.90		https://www.horizonherbs.com/produ
Monardo didyma Petroselinum	Bergamot Bee Balm Moss Curled II Parsi																				Prairie Moon Nurses Johnny's	PRERGR 3512G	paceet	\$ 3.95	50 23,400	2.00 1.00	100.00 23,400.00	\$7.90		https://www.horizonherbs.com/produ http://www.johnmyseeds.com/p-9106-
Potentilla recta		perrenial																			Prairie Moon Nurses			\$ 10.00	2.,400	1.00	0.00	\$10.00		
Prunus dicifolia	Catalina Cherry	Perrenial-																			MoosaCreekNursery		1 gal	\$7.99	1	2.00	2.00	\$15.98		
		Shrub/Tree Perrenial																			TESC Nursery			\$ 10.00			0.00	50.00		http://www.moosacreeknursery.com/No
Rudbeckia hirta	Black Eyed Susan																				Johnny's	1768	250 seeds	\$ 6.15	250	1.00	250.00	\$6.15		http://www.johnnyseeds.com/p-9034-c
Sambucus		Perrenial																			TESC Nursery			\$ 10.00			0.00	\$0.00		
Sedum komtschaticum	Selsie Russian Stone	Perrenial																			SwallowTail Garden	PR05053	500 seeds	\$ 2.99	500	1.00	500.00	\$2.99		http://www.swallowtallgardenseeds.co
Thymus serpylum	German winter Thy	Perrenial																			Johnny's	940G	1/4or	\$ 9.40	26250	1.00	26,250.00	\$9.40		http://www.johnnyseeds.com/p-6262-
Veronica spicata	Speedwell	perrenial																			SwallowTail Garden	PR06268	25 pelleted seeds	\$2.99	25	1.00	25.00	52.99		http://www.johnnyseeds.com/p-6262-g http://www.swallowtallgardenseeds.com
Viole tricolor		annual; self seeds																			Johnny's	1442	1/Box	58.95	6400	1.00	6,400.00	58.95		http://www.swarowtargardenseeds.com http://www.iohnnyseeds.com/o-8104-bs
																												\$339.78		

[1] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn7404.html

[2] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn7404.html

[3] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn7404.html

[4] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn7410.html

[5] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn7410.html

[6] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn7410.html

[7] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/C783/m783bparmywormne.html

[8] Academic Compting:

http://ag.arizona.edu/pubs/insects/az1047/

[9] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/r114300711.html

[10] Academic Compting:

http://www.planetnatural.com/pest-problem-solver/garden-pests/cabbage-looper-control/

[11] Academic Compting:

http://www.ipmnet.org/CodlingMoth/biocontrol/natural/

http://www.ipm.ucdavis.edu/PMG/r5300211.html

[12] Academic Compting:

http://www.appleman.ca/korchard/leafrolr.htm

[13] Academic Compting:

http://www.planetnatural.com/pest-problem-solver/garden-pests/corn-earworm-control/

[14] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/r113300911.html

[15] Academic Compting:

http://www.motherearthnews.com/homesteading-and-livestock/natural-pest-control-zmaz87mazgoe.aspx

[16] Academic Compting:

http://www.toxicfreenc.org/organicgardening/cutworms.html#.VNv-tmTF-xE

[17] Academic Compting:

http://pep.wsu.edu/hortsense/scripts/query/displayProblem.asp?tableName=plant&problemID=72&categoryID=3bi

[18] Academic Compting:

http://insect.pnwhandbooks.org/small-fruit/strawberry/strawberry-omnivorous-leaftier

[19] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/C302/m302splfhprenemy.html

[20] Academic Compting:

http://www.planetnatural.com/pest-problem-solver/garden-pests/leafhopper-control/

[21] Academic Compting:

http://www.planetnatural.com/pest-problem-solver/houseplant-pests/leafminer-control/

[22] Academic Compting:

http://www.planetnatural.com/pest-problem-solver/houseplant-pests/leafminer-control/

[23] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn7408.html

[24] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn7408.html

[25] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn7405.html

[26] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn7405.html

[27] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn7429.html

[28] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn7429.html

[29] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/GARDEN/FLOWERS/INVERT/cycbrdmt.html

[30] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/GARDEN/FLOWERS/INVERT/lccycbrdmt.html

[31] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn7489.html

[32] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn7489.html

[33] Academic Compting:

http://entnemdept.ufl.edu/creatures/field/tobacco budworm.htm

[34] Academic Compting:

http://www.ipm.ucdavis.edu/PMG/r441301011.html

[35] Academic Compting:

http://www.extento.hawaii.edu/kbase/crop/type/c_hesper.htm

[36] Academic Compting:

http://www.ext.colostate.edu/pubs/insect/05500.html

[37] Academic Compting:

http://www.ext.colostate.edu/pubs/insect/05500.html