# Insects & Weeds Information Ladybug Nursery SUCCESSIVE - CONSIDERT

PLANT QUALITY FACTORS
SUCCESSFUL = CONSSIENT + SOIL
GROWING WATER + NUTRIENTS

Read label before buying, again at home, before spray & after spraying.

Always READ & FOLLOW LABEL directions. Refer to label of product for specific bug and direction for use

Cc	m	m	on	In	se	ct			lems		_			
ngs		(W) Worms(codling moth)	(SB) Soft body insects	S	ing	S	F) Fungus/ Peach curl	Insects	Always READ & FOLLOW LABEL directions. Rotate use of different active ingredient, to prevent plant/bug resistance. This sheet for quick reference only.  Read label before buying, again at home, before spray and after spraying.		(N)Natural/(S)synthetic	r Veggies and fruit	(D) Dust/ (G) Granular	R) Residual or (CO) must Contact bug
Squash Bugs	Thrips	(w) Wor	(SB) Soft	(M) Mites	O (C) Chewing	(G) Grubs	(F) Fungu	(SI) Scale	Active Ingredient	Bottle Name	(N)Natura	(V)Safe for	(L) Liquid/ (I	(R) Residual o
SQ		W						SI	Acetamprid	Fruit Flower and Veg	S	٧	L	R
SQ	Т	W	SB		С				Bifenthrin	Bug B Gone	S	٧	L	R
						G			Bifenthrin	Knockout Ant Flea and Tick Killer	S	٧	G	R
SQ		W			С	_			Zeta Cypermethrin	Sevin	S	٧	D	R
						G			Carbaryl	Sevin Granules	S	V	G	R
							F		Chlorothalonil	Daconil	S	V	L	
							F		Copper Octanoate	Copper Bonide	N	V	L	
	T		SB				F	۵.	Neem Oil	Neem Oil	N	V	L	CO
	Т			M				SI	Malathion	Malathion	S	V	L	CO
SQ		W	CD	M	С				Permethrins	Eight Dust	S	V	D	R
			SB						Potassium salts of fatty acid	Insecticidal soap	N	٧	L	CO
ا		\ A /	SB		_				Pyrethirins / Canola Oil	Whitney Farm Outdoors	N	٧	Ŀ	R
SQ		W	CD	N 4	С				Pyrethrins	Bug Buster	N	V	Ļ	CO
<b>CO</b>	Т	١٨/	SB	IVI	С				Pyrethrins/Sulfur	3 in 1 Insect	N N	V	L	CO
SQ	ı	W			C		-		Spinosad (a mixture of spinosyn A & D) bacterium Bacillus amyloliquefaciens	Spinosad		V	Ļ	CO
 		 	Ch	L		 	F	<u> </u>	, ,	Revitalize	N	η D	L	]  -
Tree and Shrub systemics Liquid gets absorbed into the tree and will kill most Bugs										uв				
									Imidacloprid Dinotefuran N methyl	Bayer Tree & Shrub Ortho Tree and Shrub	S S		L/0	
Liav	CI3 I	iisiu	·							Tortilo free and siliub	J		١/١	J

- **Be Observant:** Spray before bugs take over.
- In Winter: to control bugs and disease apply dormant oil around Thanksgiving, Christmas, & Presidents Day to stop problems before they start!

### Yellow Plant with green veins (Iron Chlorosis) Solution use Ferriplus Iron:

Chelated iron form FEEDHA to green up any plant or tree. Can be applied as powder to soil and washed in, powder will be less effective if left in sunlight for a long peroid. <u>Use as recommended on bottle</u>. Use proper amount.

<u>Curly top virus of tomatos:</u> Signs: leaves are crinkled, rolled inward, and cupped upward. Growth of plant stunted. Caused by a leaf-hopper bug that comes through around May and bites on leaves. To prevent, cover tomato plants with a frost cloth or with a bucket with the bottom cut out.

Recommended treatment: pull plant out.

- (SB) Soft Body insects: Aphids, White Flies
- **(M) Mites:** Spider Mites and Thrips: Due to the life cycle of a spider mite, spray once then again three days later.
- **(C)** Chewing Insects: Caterpillars, tomato hornworm, budworm, codling moth(apple worms), pear slugs (sawfly), must contact borers inside tree), earwigs and grasshopper.
- **(G) Grubs:** (come to surface with soap &water) water in about 10 minutes after to get down where grubs eat then no water for 24 hrs.
- (F)Fungus: Spots on leaves, nomally symetrical & roun, peach leaf curl
- (SI) Scale Insect: Can be found from succulents to pine needles.
- **(W) Apple Worms/Codling Moths:** Spray end of May then every 2 weeks through summer. Killing worms' life cycle before they eat apples.
- (T) Thrips: Hard to control preventative works best. Bug distorts leaf.
- ( SQ) Squash Bugs: Hard to kill squash bugs will work best on young bugs. Preventative: Keep garden clean to control eggs. Watch for eggs on underside of leaves and scrape off.

**Thatch** lawn problems show same signs as grubs. For prevention aerate and do NOT fertilize lawn until after Memorial Day.

## -Free app to identify plants and bugs 🤄 Google Lens

(android or apple).

## Helpful Hints:

- Follow Label Instructions.
- Spray when no wind and bee are not active.
- **Preventative:** A Healty planthas a good defense system. If the plant is stressed then more problems can occur. It is a good habit to fertilize and water consistently to prevent problems in the future.
- When to Find: Most bugs come out at night so take flashlight to see if you can find what is eatting your plants. Take pictures or put into zip lock baggie.
- Use 💽 Google Lens app to identify bug or problem.
- For Ant Mounds: For best result, mist product with water to let ants carry it to the nest. Version 2022

#### AVOID spraying 2-4-D during Hot Weather (NOT when day temps get above 80'F) Selective Weed Killers Selective weed **Broadleaf Weeds in lawns** Dimethylamine Weed B Gone/ 2-4-D L/G killers grows plant Broadleaf Weeds in lawns Pulverize Weed Killer S Iron HEDTA (FeHEDTA) faster than strength S Kills Grass like Flowers or Weeds Fluazifop Grass B Bone so may see growth. Non-Selective Weed Killers These non-selective weed killers will kill any vegetation they come in contact with. L/G Glyphosate S Glyphosate KILL-ZALL or Roundup Kills all vegetation deactivates when Ν Kills all vegetation Citric Acid/Clove Oil Burn Out contacts dirt. For Pulverize Weed and Grass Killer Kills all vegetation Ammoniated Soap of Fatty Acid Best results, wash dirt off plants first. Works best if applied in early spring or after planting garden to control weed seeds. Pre-emergent s v G Stops any seeds from sprouting Trifluralin Preen Weed Peventer N V G Stops any seeds from sprouting | Corn Gluten Meal Preen Organic Weed

READ & FOLLOW LABEL, Spray in the morning or evening when the weather is cooler & wind not blowing, so liquid won't evaporate/blow then spread to other areas in your yard, never spray when bees are active.