

GARDEN ECOSYSTEM CARD: BENEFICIAL INSECT

BEES

About one-third of the human diet comes from insect-pollinated plants, and the honeybee is responsible for 80 percent of that pollination!

- ✓ You are attracted to flowers. In order to be activated you must first find 1: Sunflowers or Cosmos
- ✓ Once activated, you may pollinate SQUASH and PUMPKIN plants, allowing them to produce vegetables.

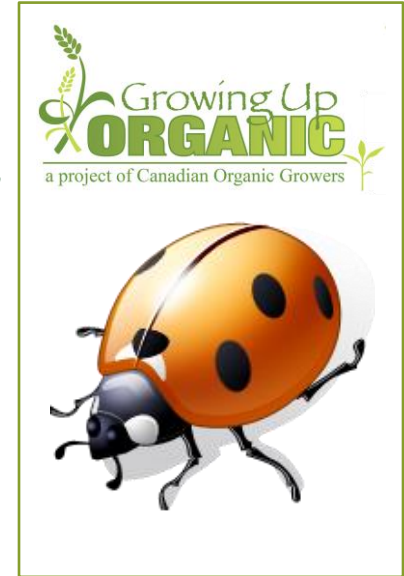


GARDEN ECOSYSTEM CARD

LADYBUG

Ladybugs are a gardener's best friend. They prey on aphids and on many other soft-bodied insects and insect eggs. An adult ladybug can eat 300-400 aphids in one month!

- ✓ You are attracted to flowers. In order to be activated you must first find 1: DILL or SUNFLOWER
- ✓ Once activated, you may consume APHIDS.



GARDEN ECOSYSTEM CARD

APHID

Aphids, a gardener's worst enemy! These tiny creatures can wreak havoc on the garden by eating away at roots, leaves and shoots!

- ✓ Predators: LADYBUGS and SPIDERS! Once a ladybug or spider finds you, they will gobble you up and that will end your play.
- ✓ While in play, you may consume any CARROTS, SPINACH or PEAS.

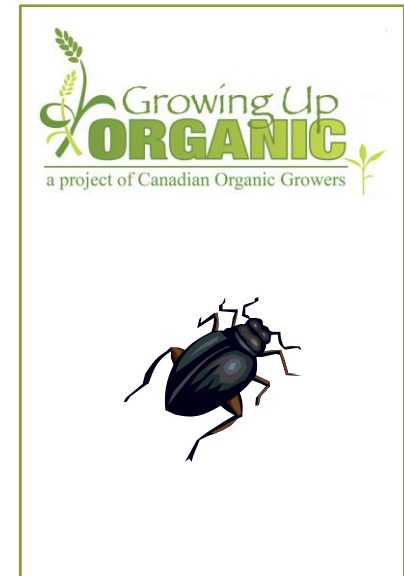


GARDEN ECOSYSTEM CARD

FLEA BEETLE

Though they are tiny, flea beetles have a huge appetite for garden plants!

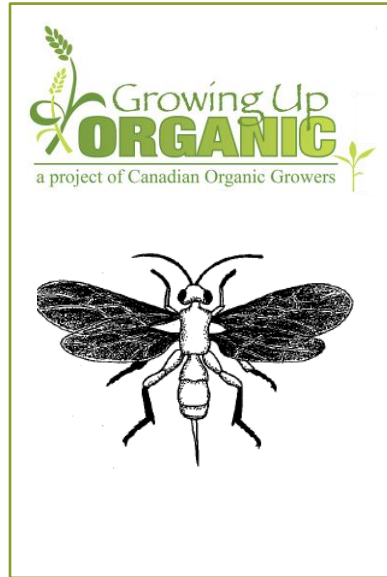
- ✓ Predators: BRACONID WASPS! Once a wasp finds you, they'll gobble you up and that will end your play.
- ✓ Trap: Watch out for RADISHES! They may look tasty to you but they act as a trap and will stop your play.
- ✓ While in play, you may consume LETTUCE, PUMPKIN or SQUASH.



GARDEN ECOSYSTEM CARD

BRACONID WASP

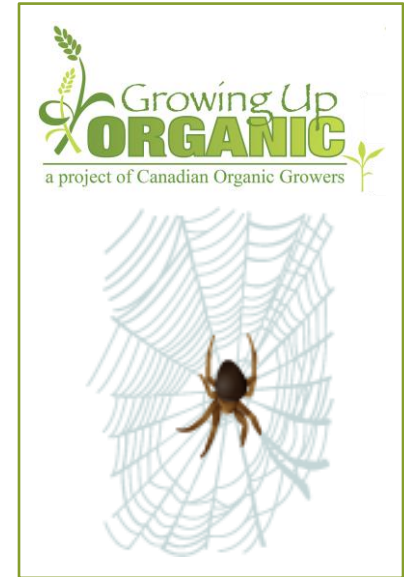
- ✓ You are attracted to tiny flowers. In order to be activated you must first find 1: CARROT or DILL
- ✓ Once activated, you may consume CABBAGE LOOPERS and FLEA BEETLES.



GARDEN ECOSYSTEM CARD

SPIDER

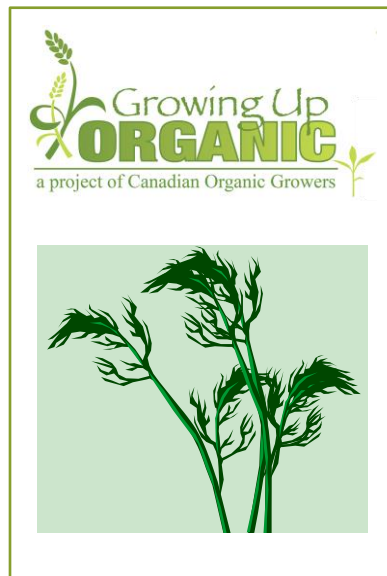
- Spiders are among the most essential terrestrial predators, eating even more insects than birds and bats!*
- ✓ You are attracted to shady humid places, like under the leaves of large plants. In order to be activated you must first find 1 PUMPKIN or SQUASH.
 - ✓ Once activated, you may consume CABBAGE LOOPERS or APHIDS.



GARDEN ECOSYSTEM CARD

DILL

- ✓ DILL provide us with a tasty fresh herb, and it's tiny yellow flowers also attract beneficial braconid wasps to the garden.
- ✓ Find a BRACONID WASP and you will activate them and their good work.



GARDEN ECOSYSTEM CARD

CABBAGE LOOPER

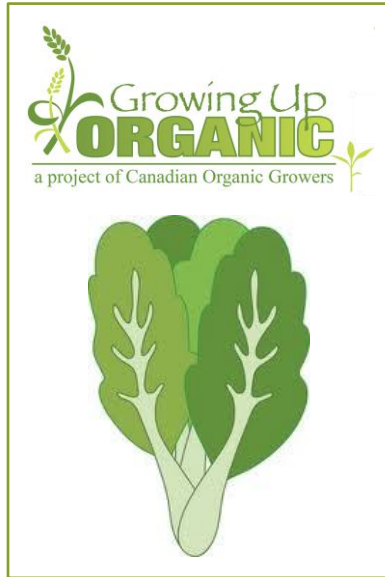
- ✓ You feast on many garden plants! But watch out for SPIDERS and BRACONID WASPS! Once they find you, they'll gobble you up and that will end your play.
- ✓ Once in play, you may consume KALE, TURNIP or RADISH.



GARDEN PLANNING CARD

KALE

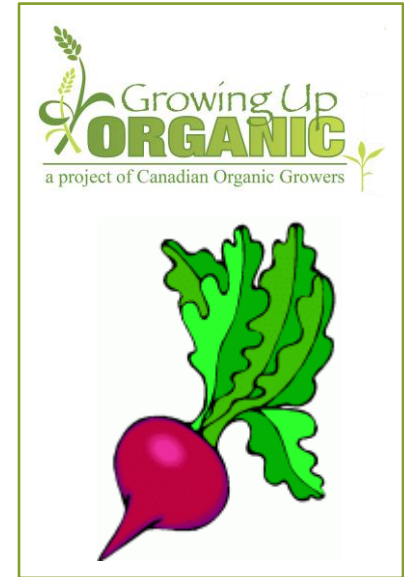
- ✓ Stay away from CABBAGE LOOPERS! If you get found by a cabbage looper you get eaten.
- ✓ Cabbage Loopers are eaten by SPIDERS and BRACONID WASPS, so find one of these active predators to protect yourself.
- ✓ If you survive, we'll be making kale chips as early as June!
(10 points)



GARDEN ECOSYSTEM CARD

RADISH

- ✓ Radishes act as a trap crop for Flea Beetles. Find a FLEA BEETLE and you will stop it from eating other plants in the garden.
- ✓ Watch out for CABBAGE LOOPERS. If you are found by a looper, you get eaten.
- ✓ If you survive, we'll be digging up spicy radishes as early as May!
(10 points)



GARDEN ECOSYSTEM CARD

PUMPKIN

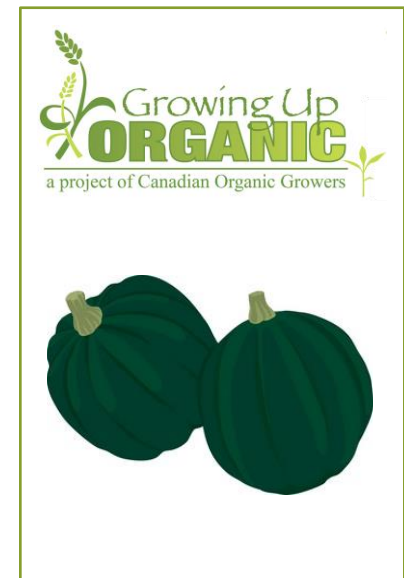
- ✓ Pumpkins are pollinated by bees: in order to be harvested in September (10 points), you must first find a BEE.
- ✓ Your large leaves provide a shaded home for SPIDERS. So find a SPIDER to activate it and let it start hunting pests!
- ✓ Watch out for FLEA BEETLES. If you are found by a flea beetles, you get eaten



GARDEN ECOSYSTEM CARD

WINTER SQUASH

- ✓ Squashes are pollinated by bees: in order to be harvested in September (10 points), you must first find a BEE.
- ✓ Your large leaves provide a shaded home for SPIDERS. So find a SPIDER to activate it and let it start hunting pests
- ✓ Watch out for FLEA BEETLES. If you are found by a flea beetles, you get eaten

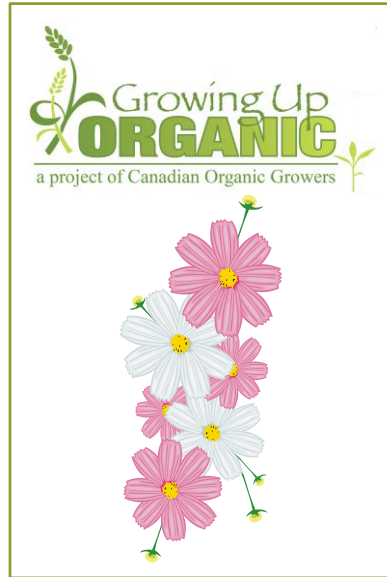


GARDEN ECOSYSTEM CARD

COSMOS

COSMOS are fluttery daisy-like, pink and white flowers that attract many beneficial insects.

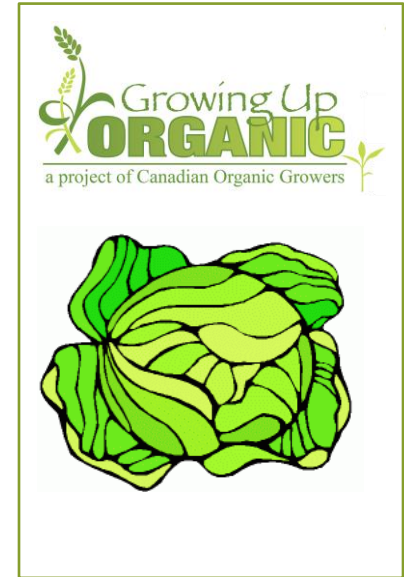
- ✓ Find a LADYBUG or BEE and you will activate them and their good work.



GARDEN ECOSYSTEM CARD

LETTUCE

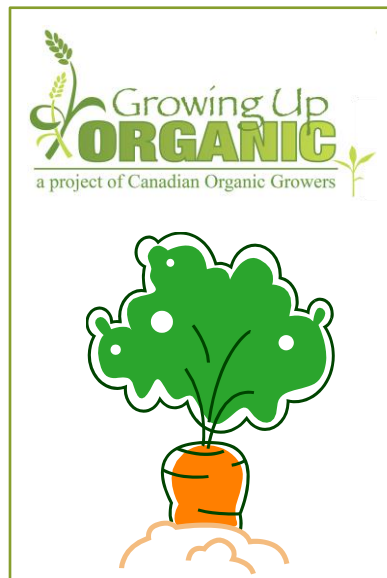
- ✓ Stay away from FLEA BEETLES! If you get found by a flea beetle you get eaten.
- ✓ Flea beetles are eaten by BRACONID WASPS, so find an active wasp to protect yourself. Or, stick close to radishes: they act as a trap for flea beetles and will protect you too!
- ✓ If you survive, we'll harvest lettuce as early as the month of May! (10 points)



GARDEN ECOSYSTEM CARD

CARROT

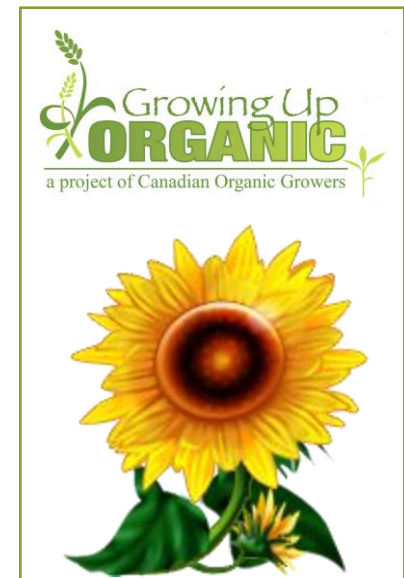
- ✓ Your feathery leaves attract tiny BRACONID WASPS. So find a WASP to activate it and let it start hunting pests!
- ✓ Watch out for APHIDS! If an aphid finds you, you get eaten.
- ✓ If you survive, we'll have a carrot harvest waiting to be dug up when school resumes in September (10 points)



GARDEN ECOSYSTEM CARD

SUNFLOWER

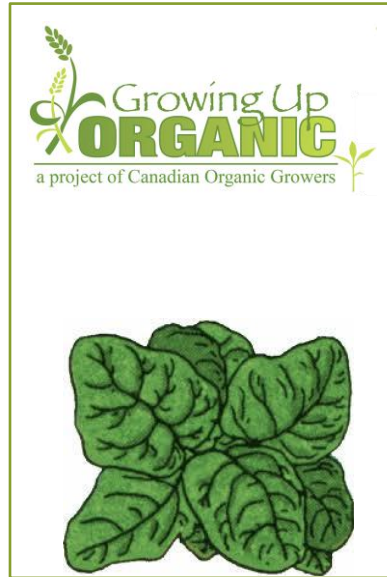
- ✓ SUNFLOWERS provide us with tasty seeds but they also attract many beneficial insects.
- ✓ Find a LADYBUG or BEE and you will activate them and their good work.
- ✓ If you survive, we'll have a sunflower seeds ready to be harvested when school resumes in September (10 points)



GARDEN ECOSYSTEM CARD

SPINACH

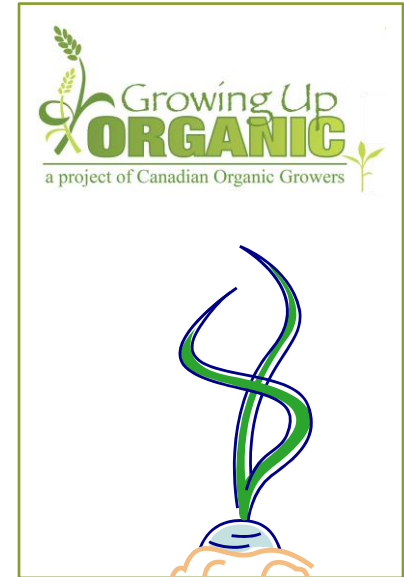
- ✓ Watch out for **APHIDS**. Once an aphid finds you, you are eaten.
- ✓ Aphids are eaten by **LADYBUGS** and **SPIDERS**, so find one of these active predators to protect yourself.
- ✓ If you survive, we'll harvest spinach as early as the month of June!
(10 points)



GARDEN ECOSYSTEM CARD

TURNIP

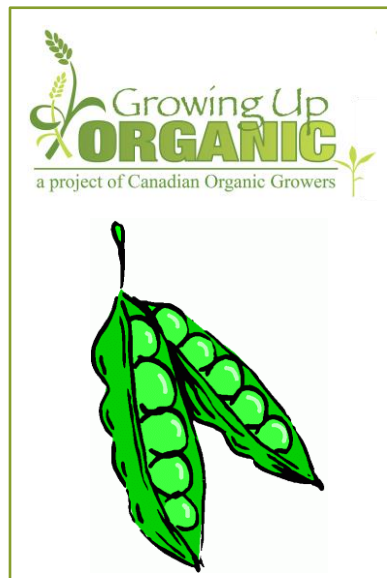
- ✓ Watch out for **CABBAGE LOOPERS**. Once a Looper finds you, you are eaten.
- ✓ Cabbage Loopers are eaten by **SPIDERS** and **BRACONID WASPS**, so find one of these active predators to protect yourself.
- ✓ If you survive, we'll harvest turnips as early as the month of June!



GARDEN ECOSYSTEM CARD

PEAS

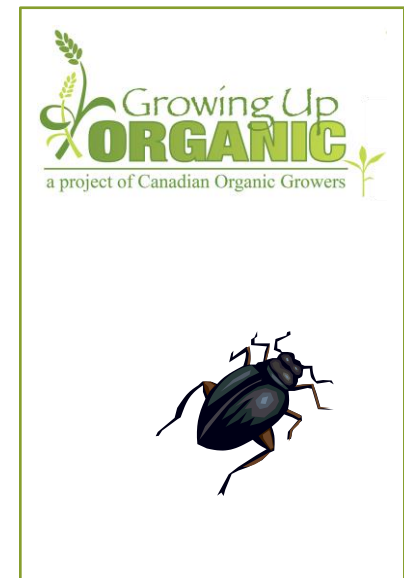
- ✓ Watch out for **APHIDS**. Once an aphid finds you, you are eaten.
- ✓ Aphids are eaten by **LADYBUGS** and **SPIDERS**, so find one of these active predators to protect yourself.
- ✓ If you survive, we'll harvest fresh snap peas as early as the month of May!
(10 points)



GARDEN ECOSYSTEM CARD

FLEA BEETLE

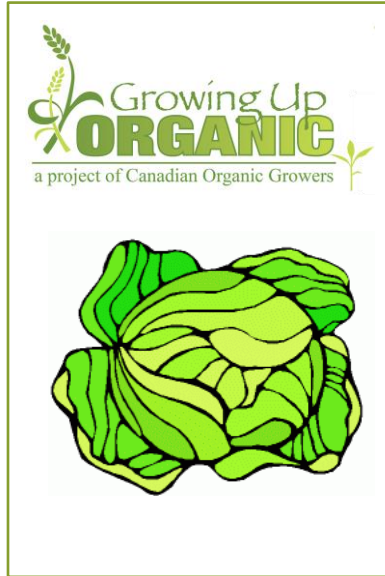
- Though they are tiny, flea beetles have a huge appetite for garden plants!*
- ✓ Predators: **BRACONID WASPS!**
Once a wasp finds you, they'll gobble you up and that will end your play.
 - ✓ Trap: Watch out for **RADISHES!** They may look tasty to you but they act as a trap and will stop your play.
 - ✓ While in play, you may consume **LETTUCE**, **PUMPKIN** or **SQUASH**.



GARDEN ECOSYSTEM CARD

LETTUCE

- ✓ Stay away from FLEA BEETLES! If you get found by a flea beetle you get eaten.
- ✓ Flea beetles are eaten by BRACONID WASPS, so find an active wasp to protect yourself. Or, stick close to RADISHES: they act as a trap for flea beetles and will protect you too!
- ✓ If you survive, we'll harvest lettuce as early as the month of May!



GARDEN ECOSYSTEM CARD

LETTUCE

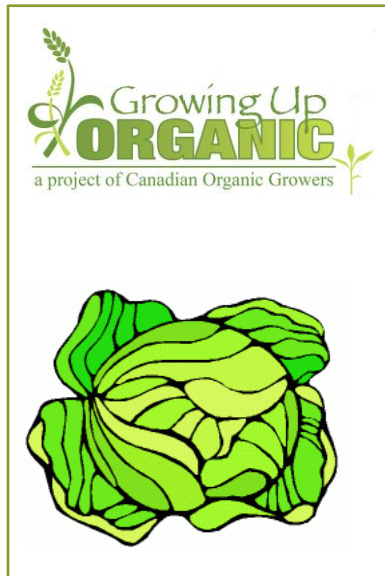
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