

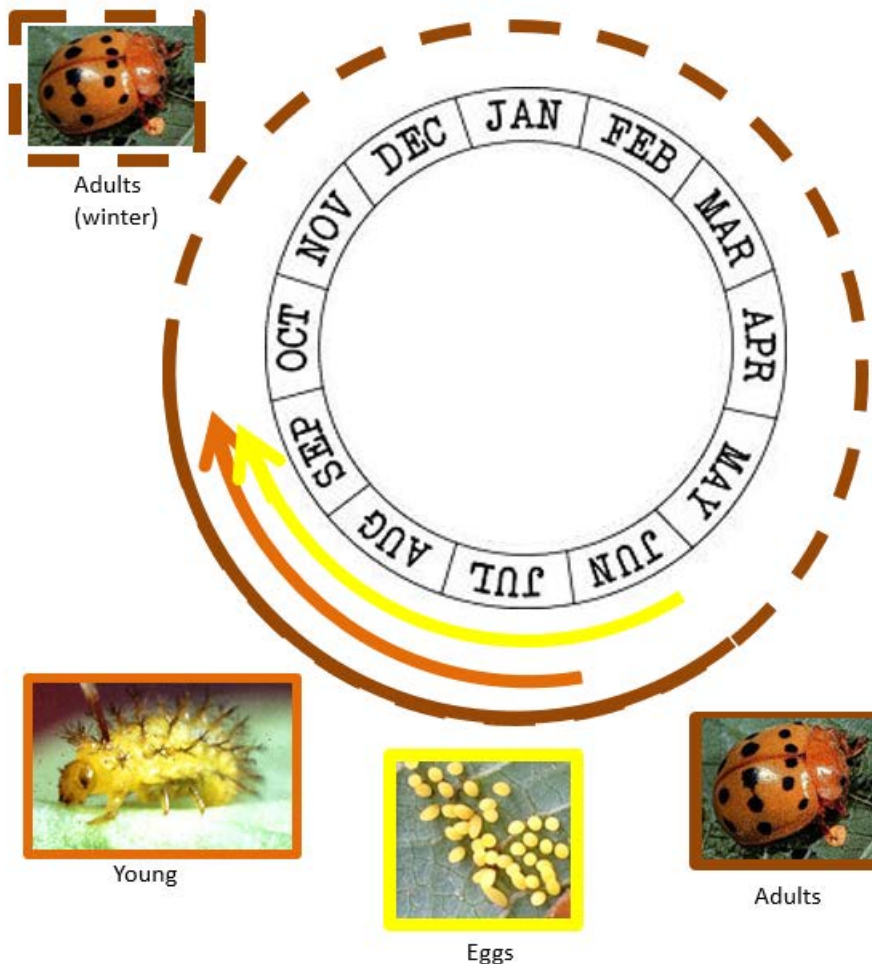


Mexican Bean Beetle On Maharagwe (shell beans)



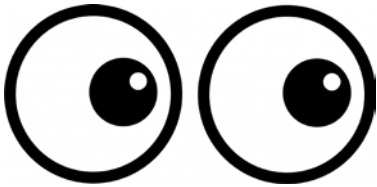
PREVENT

1. **Grow healthy plants.** Use compost and test your soil. Add amendments in the fall.
2. These beetles are slow and fat. They live in the soil over winter. **Move your beans** each year (¼ mile is best).
3. **Plant after May 20th.** Adults that live through the winter won't be able to lay their eggs.





Mexican Bean Beetle On Maharagwe (shell beans)



1. Look for beetles every day you farm



Mexican bean beetle life cycle
[Picture by L. Bledsoe]

These are the beetles as eggs,
young, and adults

**As soon as you find the beetle or
eggs, it is time to ACT**



ACT

1. **Order and release wasps as soon as you see eggs.**

The wasps lay eggs in young beetles, and when the wasp eggs hatch the beetle dies.

Call Tom Dorsey to order 609-530-4192. Ask for **Pediobius wasps.**

Release wasps three weeks in a row. If you're not sure, release wasps on:

- June 24th
- July 1st
- July 8th





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ACT

2. **Surround** is an organic pesticide you can use.
Spray when you first see beetles or eggs.
Spray top and bottom of leaves.
Spray again after it rains.
Wear a mask.

Please only use Surround if you have been trained.



3. **Pyganic** is an organic pesticide you can use.

Pyganic can make you sick, and it is expensive. Please only use Pyganic if you have been trained.

Use Pyganic once per week during July:

- July 5
- July 12
- July 19

