

# Dung Beetle Population Limiters

- Macrocyclic lactones (ivermectin, but not moxidectin)
- Pyrethroids
- Harrowing
- Trampling
- Chickens
- Wild birds, rodents, bats
- >30 miles from organic manure source



JP Lumaret

Hump-backed larva of  
*Onthophagus vacca* (L.)



*Aphodius constans* Duft.