



*Safe Continuous Pest Control That Works!*

## BugPellent Features & Benefits

- A natural, solid insect repellent that passively emits vapors which are safe for humans and animals
- Very effective at repelling flying and other insects which are very annoying to animals and humans
- Contains only natural essential oils and certified organic waxes, safe for humans and animals
- Works continuously for up to 2 months
- Eliminates toxic chemical exposure
- Does not require batteries or AC Power



Refillable &  
Non-Toxic

# What problems does BugPellent solve for the customer?

- **Effective at repelling most flies, mosquitoes, ticks, black flies, gnats. Reduces spiders in barns, run-in sheds, and other semi-enclosed spaces**
- **Reduces risk of infection and makes the environment more comfortable for humans and horses**
- **Horses are not bothered by pesky flying insects which congregate around aisles and stalls**

[www.bugpellent.com](http://www.bugpellent.com)





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## BugPellent Placement

Hang BugPellents in the barn or shed to greatly reduce presence of flies and other insects

Refillable tubes, refill pellets sold separately

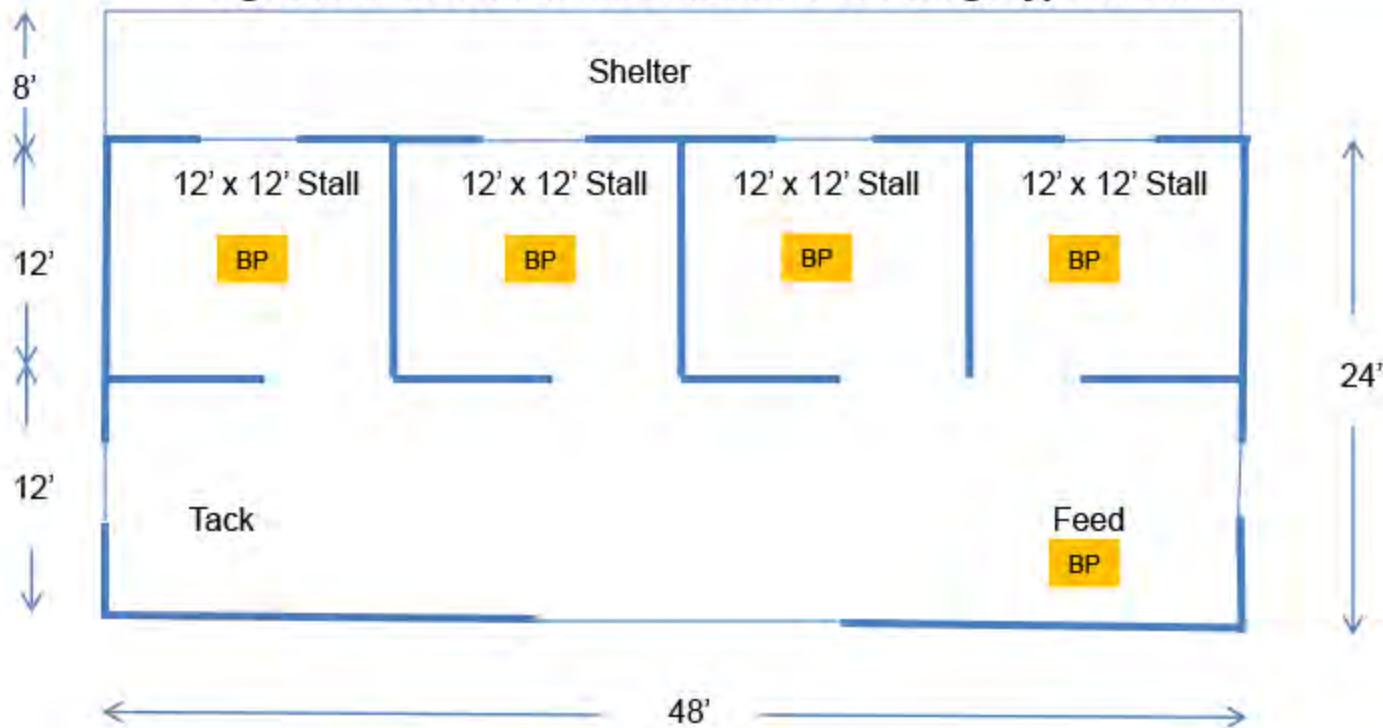
Ingredients are exempt from USEPA Pesticide Registration under FIFRA 25(b)





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**BugPellent Recommended Location Drawing, Typical Barn**



**BP** = BugPellent Location

Install BugPellent at least 6' from open doors and windows



# The Science Behind BugPellent

**The rate of release of essential oils into the air from the BugPellent is controlled by the following:**



**Composition of the essential oil-wax matrix**

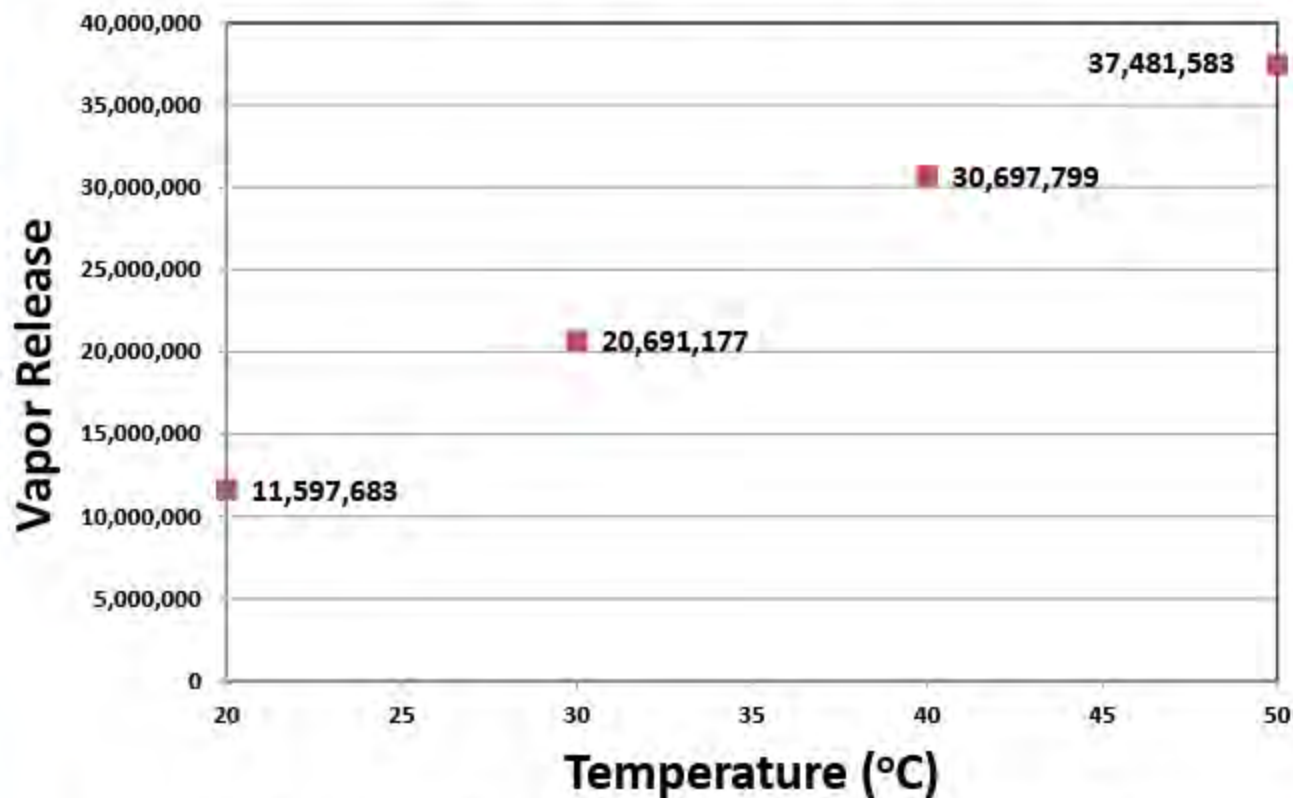
Scientifically developed using extensive laboratory testing of individual compounds released and release duration

**Permeable housing designed to balance product effectiveness and longevity**

Developed from chemical and environmental engineering modeling



# Science-Based Design: Increasing Temperature Results in Greater Release of Essential Oils During Times of Increased Insect Activity



- Note: 1) There is nearly a doubling of gas phase concentration of volatilized essential oil compounds that evaporate from the BugPellent for every 10°C increase in temperature.  
2) 20°C = 68°F, 30°C = 86°F, 40°C = 104°F and 50°C = 140°F  
3) This is the measurement of gas phase over an BugPellent in an enclosed vessel with



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## Testimonials

"It was nice to have a safe alternative for fly control" *DeShane, Marlow, OK*

"I've been really impressed with them... My super-sensitive mare appreciates fewer stable flies in her stall" *Stacey, Storrs, CT*

"...My animals want to stand in the corner with the repellent"

*Mary, Schenectady, NY*

"...No flies, not one...the horses go in the barn to escape the flies"

*Ken, St. Johnsbury, VT*

"Much better than last year, a noticeable difference!"

*George, Greenfield, MA*



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"Made a noticeable difference....would love to try a pasture or arena version!"

*Keri, New London, NH*

"Experienced an approximate 75% decrease in flies and did not deter birds in nest nearby"

*Karen, Perkasio, PA*

"Very satisfied. It really has worked on the smaller flies and mosquitoes"

*Wendy, Plainfield, MA*

"Love this product... easy to hang, not overwhelming scent... can't see anywhere it needs improvement"

*Heather, Bellingham, MA*