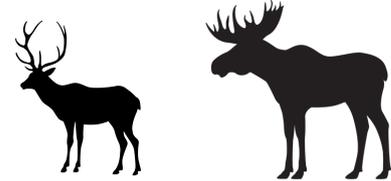


HUMANE ANIMAL POPULATION CONTROL TECHNOLOGIES

Primetake offers designed and tested technologies for safe animal population control

POPULATION CONTROL SOLUTIONS



.308 CALIBRE

The problem

In the world of animal population control, 3 serious problems exist:

1. Lead jacketed ammunition is often used. It is toxic and can make its way into the food chain, and it is dangerous to those working with it on a regular basis
2. Poorly designed and low quality bullets lack expansion and risk injury to the animal rather than the intended rapid, humane death
3. A lack of bullet expansion also means it can exit animal and ricochet off terrain causing danger to the shooter and anyone in the vicinity (ricochets can theoretically injure or kill a person many hundreds of meters away)

The solution

Using its ballistic engineers and feedback from the end-user community, Primetake has designed and tested a rifle technology that utilises a bimetallic lead-free bullet weighing 78gns. The bullet produces a very wide (>6") but relatively short (8" penetration) wound cavity when fired into 10% gelatine. Lower grade non-Primetake hunting rounds tend to penetrate between 15" - 25" which is too deep and potentially dangerous in use for controlling many Deer species. Primetake's consistent 8" penetration is a unique performance point. The round exceeds the muzzle energy limit considerably: the limit is 1700ft/lbs and the Primetake technology achieves 2075ft/lbs.

12-GAUGE

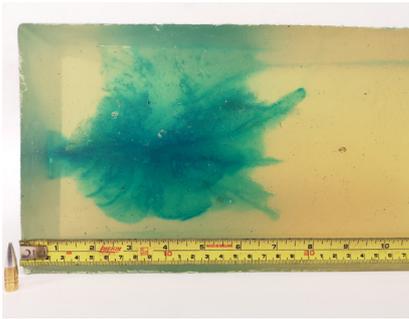
The problem

The requirement was for a frangible round that could be used on medium sized animals and which was able to be powerful enough to be immediately effective but without causing traumatic damage and over penetration. This would be most beneficial for disease control as the traumatic damage may leave contaminants in the local area aiding the spread of the disease.

The solution

Working with Department for Environment, Food and Rural Affairs (DEFRA) and the National Farmers Union (NFU) Primetake developed a non solid 12G frangible round for close range engagement where injury or disease would require immediate use of the round and in cases where population control would need to be undertaken for medium sized woodland, forest and farm animals.

Please contact us on 01522752323 or sales@primetake.com for technical support.



- Lead-free projectile
- Available with lead-free primer
- Reach compliant propellant
- 1000+ m/s muzzle velocity
- 78gn projectile weight
- 2000+ ft/lbs muzzle energy
- Enhanced wound cavity (more humane)
- Reduced penetration to reduce ricochet risk
- Enhanced drag co-efficient/projectile shape

