

S.O.A. Muzzleloader Certification Course powder characteristics “Cheat Sheet”!

The following information is intended to give instructors “at a glance” information about the different Black Powder and Black Powder substitutes when used with different projectiles during the live fire portion of the SOA Muzzleloader Certification Course.

BLACK POWDER: Intended for use in all Muzzleloaders. May be used with standard cap, musket cap or 209-primer ignition systems.

Round ball: using a single patch, seat projectile directly on top of powder.

Conical Bullet: seat projectile directly on top of powder.

Powerbelt Bullets: seat projectile directly on top of powder.

PYRODEX: Loose powder. Intended for use in all Muzzleloaders 45 cal and larger. May be used with standard cap, musket cap or 209-primer ignition systems.

Round ball: using a single patch, seat projectile directly on top of powder.

Conical Bullet: seat projectile directly on top of powder.

Powerbelt Bullets: seat projectile directly on top of powder.

PYRODEX: Pellets. Intended for use only for in-line muzzleloaders. May be used with standard cap, musket cap or 209-primer ignition systems. . MAXIMUM LOAD IS 100 GRAINS.

Round ball: PELLETS ARE NOT DESIGNED FOR ROUND BALLS!

Conical Bullet: load pellets, insert felt button, then seat projectile directly on top of felt button.

Powerbelt Bullets: seat projectile directly on top of pellets. (No buttons needed)

TRIPLE SEVEN: Loose Powder. Intended for use in all muzzleloaders. May be used with standard cap, musket cap or 209-primer ignition systems.

Round ball: using a single patch, seat projectile directly on top of powder.

Conical Bullet: seat projectile directly on top of powder.

Powerbelt Bullets: seat projectile directly on top of powder.

TRIPLE SEVEN: Pellets. Intended for use only for in-line muzzleloaders. *** Only use with 209-primer ignition systems. MAXIMUM LOAD IS 100 GRAINS.

Round ball: PELLETS ARE NOT DESIGNED FOR ROUND BALLS!

Conical Bullet: load pellets, insert felt button, then seat projectile directly on top of felt button.

Powerbelt Bullets: seat projectile directly on top of pellets. (No buttons needed)

The following information was compiled from the Hodgdon Pyrodex and Triple Seven product manual. In order to minimize potential safety concerns, please follow these guidelines at all times!