

## Black Powder to Pyrodex Conversion!

I recently came across an old reference from Thompson/Center. In it I found a chart (below) that showed a volume to volume chart for black powder to Pyrodex. In it, I was surprised to see that Thompson/Center folks recommended a 20% grain reduction from black powder to Pyrodex! I had been told (and have taught) that the two powders were essentially the same by volume and (say) a 30 grain charge of black powder would be the same as a 30 grain charge of Pyrodex. We all know that some of the new powders (Triple 7 for example) recommend a slight drop in the volume of their powder in relation to black powder, but it surprised me that there was the same conversion for Pyrodex.

So the next time you are working up a load for one of your muzzleloader kids, you may want to consider the information below in your calculations! (Note: This is something I'm going to play with this summer with one of my muzzleloaders!)

Excerpt from:

"Shooting Black Powder Guns"

Thompson/Center Arms Company

1983 pg. 12

Volume to Volume Comparison Chart: Black Powder to Pyrodex.

Black Powder Charge (in Grains)	Pyrodex Charge (in Grains)
10	8
20	16
30	24
40	32
50	40
60	48
70	56
80	64
90	72
100	80
110	88
120	96