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posted 30 November 2010 02:19

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Paul

Thanks! I hope you include yourself in that "brothers In Arms" deal!

Well, as I had little doubt as to how any of the bullets worked, it's still very satisfying to get the field reports like this, all across the board! I knew the #13 BBW was going to be a great success, but it's really hard to figure out how the brass NonCons are going to work, and how they will transfer trauma, and depth of penetration of the remaining slug. While I have lot's of data on conventionals, and solids, and can correlate those pretty close--NonCons are different, we are only now starting to gather this data, so possibly in a way that holds even more interest for me currently.

As you described to me the way the 416 330 NonCon reacted, it was exactly the same in the test medium. I suppose the blades/petals, dispersed within the body cavity doing damage, and inflicting trauma. I would doubt seriously the blades would have made it to the far side of a buffalo. But dispersed within the body cavity slicing and dicing through vitals is perfect!

I have lot's of hope that maybe this week we will get 416 and 458 Hollow Point Bras NonCons--from BBW #13s! While the SSK/Lehigh do very well, I think we have added some positive tweaks to the #13 HPs! And very much so especially with the copper versions, that will perform the same as the brass now!

Even going into the dirt after passing through the buffalo the CEB BBW #13s still look very good, and elephant body shots don't seem to faze them either!

Michael

http://www.b-mriflesandcartridges.com/default.html

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Posts: 8426 | Location: South Carolina | Registered: 23 June 2008







posted 30 November 2010 02:52

Originally posted by michael458:

Thave learned now, get a problem with a tooth, **down half a gallon of Sake, followed by 5 shots of Grey Goose,** and get a large set of pliers and snatch the problem out quickly! No big deal! Hell, I don't need that many teeth anyway! HEH HEH!

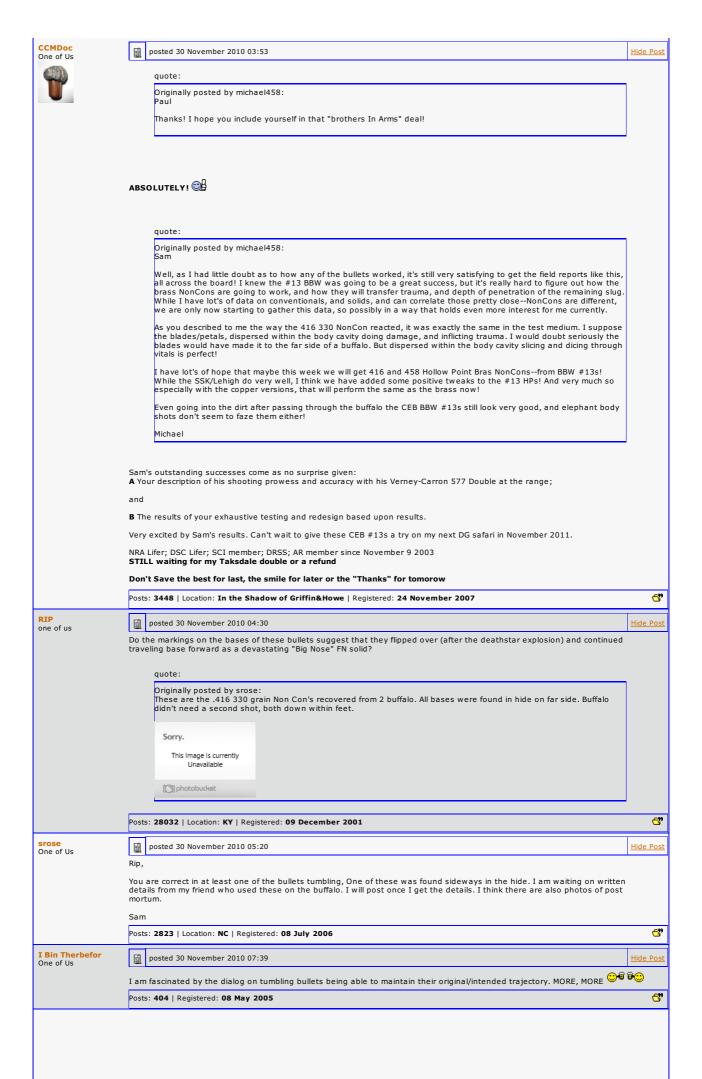
Michael

It looks like Sam's great blueberry wine won't help you. I really enjoyed that. You should probably try the Goan Fenny (made from the Cashew fruit or from Coconut) - real firewater mate. Or Ceylon arrack which is made from rice I think. South Indian Arrack is similar and also fiery. Sake is sweet compared to that stuff!

"When the wind stops....start rowing. When the wind starts, get the sail up quick."

Posts: 10947 | Location: New Zealand | Registered: 02 July 2008





michael458 One of Us

posted 30 November 2010 14:05

Hide Post

Back when we first started testing the NonCons we thought that they might actually tumble, however in the test work done they did not actually tumble. All drove dead straight, nose forward and were found that way--With the exception of this 416 330 NonCon Brass. In the last 2-3 inches of penetration it started to loose stability, and did start to veer off course somewhat. Some were found sideways at the end of penetration. I would be surprised if it actually "tumbled", I think it more or less just looses stability at the end.

Of course it is possible that it could tumble I suppose. This is once again I think where 416 needs a faster twist rate--my 416 B&Ms are 1:14, 1:12 or 1:10 would more than likely stabilize that last bit of penetration.

From the 3 bullets in the photo we see the one far right has a serious shear down the one side, the middle has a bump on the one side as well. These bullets have a very deep cavity, at least .5 inch or better I recall. The new BBW #13 HPs all will have .400--With the nose design so far they are shearing very consistently, and I think they might maintain a better nose up front as well. We will see when the new ones get here.

None the less--two very dead buffalo, and did not get a step or two at most. I think this falls right in line with the amount of trauma inflicted by these bullets right up front. In a way it's a shame they are so damned good-I can't see any reason for me to have shelves full of Swifts, Barnes, Woodleighs anymore! Maybe I will gather these up and have a Bullet Sale!

Michael

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Posts: 8426 | Location: South Carolina | Registered: 23 June 2008





posted 30 November 2010 14:18

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Originally posted by CCMDoc:

quote:

Originally posted by michael458:

Thanks! I hope you include yourself in that "brothers In Arms" deal!

ABSOLUTELY!

Verv Excellent--

Sam's outstanding successes come as no surprise given: A Your description of his shooting prowess and accuracy with his Verney-Carron 577 Double at the range;

B The results of your exhaustive testing and redesign based upon results.

Very excited by Sam's results. Can't wait to give these CEB \sharp 13s a try on my next DG safari in November 2011.

Yes great success such as what Sam experienced comes at a price sometimes. I recall my first elephant hunt--in the couple of months before hand I spent nearly every day working on one of my 458 Lotts--once the load was established I started shooting, a few rounds every day. Standing at 15-25 yds, sitting at 50-75 and doing lot's of field positions. I shot hundreds of rounds before the hunt. When the magic moment came it was a side brain shot at 31 yds, and it was over at that moment. All that work, for the 1 shot--but it paid in the end.

This was even more tedious than that--all the bullet testing and work involved with getting the #13 where it needed to be. Sam's shooting didn't need much work--he is a hell of a good shot with those doubles, and everything else too. And Sam is not the type to get rattled in the field, have mission--gets mission accomplished. It was the hours and days spent on the lathe on his end, and some days the test work with me in the lab that made this a great success as well! I think that first day with me in the "lab" changed the way Sam thought about things, and he went to work, and put my ass to work right along with! HEH.....

Almost there--almost there!

Michael

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Posts: 8426 | Location: South Carolina | Registered: 23 June 2008

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srose One of Us



posted 30 November 2010 15:40

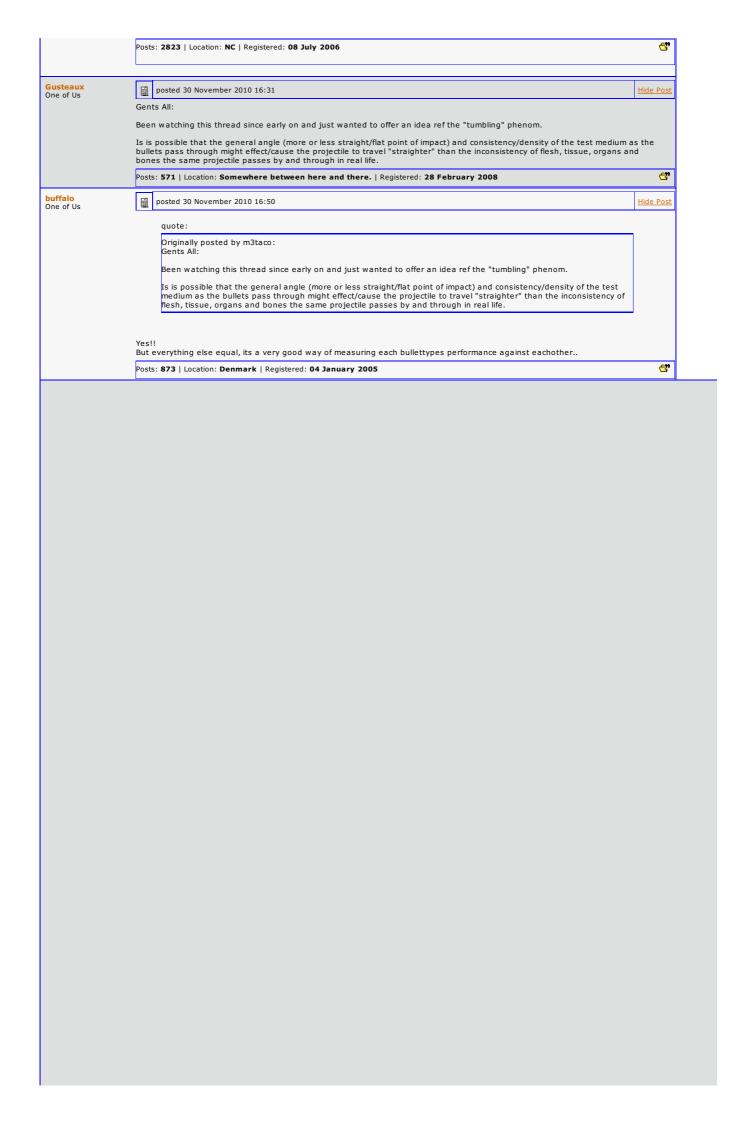
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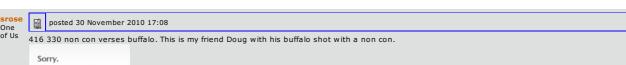
Michael,

You are very correct. It is so sad when the trigger has been pulled and the hunt is over that all those thoughts and preparation go poof! I love the hunt more than the kill which is the way it should be.

Yes now that I think of it you did change my thoughts on bullets and I guess I did give you something to do in your off time. HEH HEH! It ain't over till the fat lady sings!

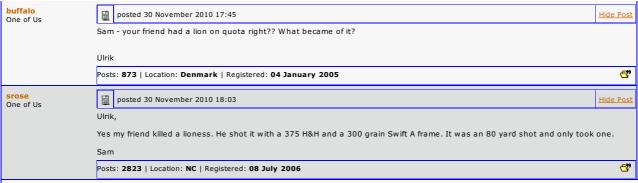
Thanks for all your help and you and the BBW#13 is the reason I got to go elephant hunting this year. Had no plans and knew it would be a long time before I went back to Africa. That all changed when the #13 arrived.







Hide Pos



srose One of Us

posted 30 November 2010 18:11

Hide Pos



Posts: 2823 | Location: NC | Registered: 08 July 2006

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posted 30 November 2010 18:19

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quote:

Originally posted by m3taco:

Been watching this thread since early on and just wanted to offer an idea ref the "tumbling" phenom.

Is is possible that the general angle (more or less straight/flat point of impact) and consistency/density of the test medium as the bullets pass through might effect/cause the projectile to travel "straighter" than the inconsistency of flesh, tissue, organs and bones the same projectile passes by and through in real life.

Hey Taco

Good to hear from you, hope all is well your side!

Shooting in the field--anything and everything is possible!

What we find in particular with the "Solids" is that in animal tissue we can get straighter penetration with less than optimum bullets (round nose/small meplats) than what we will get in the test medium. We will also get about 30%-35% deeper penetration in animal tissue than in the test medium with the solids. So the test medium is a really good test to separate the good from the bad, and it weeds the bad out pretty quickly on the solids.

With conventional expanding, those have been very consistent between test medium and animal tissue--both will give the same results when it comes to how the bullet reacts--Penetration of the conventional expanding bullets will be 80% to 100% deeper in animal tissue than the test medium. This has been very consistent over the years of testing both.

NonCons? Well, there is still a lot to learn from the field with these. So far, I think things are panning out to be pretty consistent with the test medium on the bullets I have worked with--the only bullet in question of stability is the 330 416 we see. In the tests, it looses stability at the end of penetration--I think!!! THINK-I don't have absolutes here YET--that this is what is happening here on these buffalo also. I don't think tumbling bullets have a tendency to go straight—I think these bullets went straight until they got near the end of penetration, then lost stability.

I can't speak for prior or other bullets that I have not tested, that may have been discussed while I was out last week.

Sam

Tell the boys what Doug had to say about the reactions of the buffalo taking the 330 Brass NonCon, and also how he was reluctant to use them to begin with, and how he feels now! I think that's a pretty good thing to point out, a fellow that knows nothing about them, I think Sam had to do some work to convince him to use them!

Michael

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Posts: 8426 | Location: South Carolina | Registered: 23 June 2008







posted 30 November 2010 18:20

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quote:

Originally posted by srose:

Yes my friend killed a lioness. He shot it with a **375 H&H** and a 300 grain Swift A frame. It was an 80 yard shot and only took one.

Sam

Well that's just "Common"! What a shame the lioness didn't get taken with a "Real Caliber"!

Common, just common!

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Posts: 8426 | Location: South Carolina | Registered: 23 June 2008



srose One of Us

posted 30 November 2010 18:28

I think Doug was very impressed with the Non con's. He has shot lots of buffalo and he says now the non con is the bullet he will use. He is writing me a little bit about the two buffalo he shot and I will post his coments when I get them. His PH was also happy with the performance of those bullets. Doug did say that the buffalo were both smoked with the first shot and I think down went down with the shot but were able to get up and go a few feet. His buffalo last year was shot 13 times with a 450 nitro before going down.

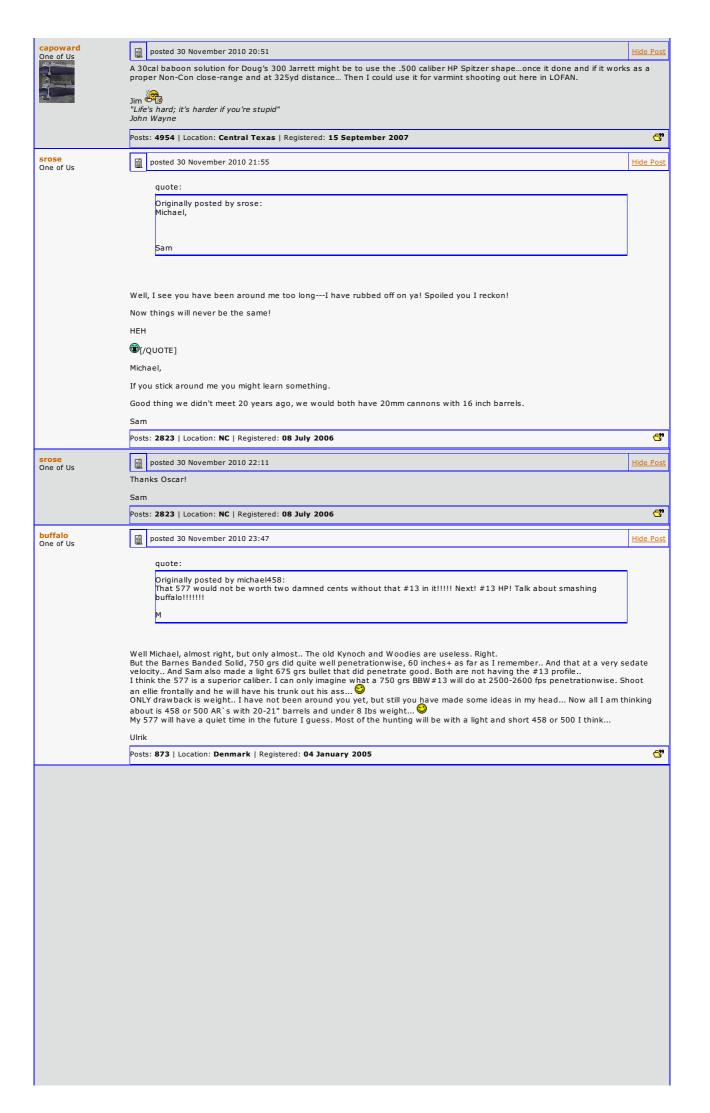
By the way Michael, Doug wants some 30 caliber non con for his 300 Jarrett. Thats how much he likes them.

Posts: 2823 | Location: NC | Registered: 08 July 2006









posted 01 December 2010 02:16

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Ulrik

Yes, you are correct--I forgot about the Barnes, and it did well no doubt. As did some of Sam's other bullets too. Cut me some slack, I forget things these days! The Barnes seemed a little hard on the barrel strain test for the doubles, not terrible as I recall-but nothing close to the copper #13. But your 577 is a bolt gun, yes?

I am pretty well settled on the CEB BBW #13 Solids and the North Fork Solids right now, so I am putting that out to pasture. I have ordered 416s, 458s, .474s, a new run of .500s, and very soon .510s will follow. I have had a request for 650 gr .585s #13s with matching #13 HPs as well.

Ed Hubel sent me some samples of one of his 585s a couple of weeks ago--I am looking to see if I can make that work in a Winchester M70 somehow, just have not had time to monkey with it yet. If I could get two down in the magazine, and it feed and function I would do one. With the thought of a CEBBBW #13 Hollow Point and matching solid--JHC, buffalo Hammer. 20 Inch barrel MAX--get the weight down to 8.5 lbs or so, shoot 650s and matching 600 gr HPs--might just do the trick. But have to get the damned thing on a Winchester or it's no go for me. Just not interested in anything else. And not interested in a single shot. Two down, feed and function! Might be fun!

Yes, I catch on after awhile. I have been telling Jeffe wack those barrels down, the ARs have plenty of juice, no use for anything over 20 inches, get the barrel contour down some also, 8 lbs is a good weight, but going to be tough to do with wood, and I like wood. AI stocks with the chassis is the ticket on that. The 500 MDMs come in at 8.25-8.75 depending on what type walnut, english is heavier than Claro and myrtle. I could also do easy with 20 inches or even 19 inches in the 500 MDM. Damned shame I got excited and my personal guns are 21 inches! Yes, I hate like hell to cut that NECG front barrel band off too! But my mainstay .500 is the 50 B&M with it's 18 inch barrels! It still shoots the 500 gr CEB BBW #13 at 2190 fps, and the new 460 BBW #13 HP at .2370 fps. cet betwill de Levice. 2270 fps, so that will do I reckon!

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Posts: 8426 | Location: South Carolina | Registered: 23 June 2008



2RECON One of Us



posted 01 December 2010 19:31

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@michael458,

just to let you know that your post FINALY arrived. Yes, we have winter here and about 1/2 foot of snow today. Send the stuff to Brömel tomorrow and to the other guy's we've talked about. Will keep you informed.....

Michael

Posts: 140 | Location: GERMANY | Registered: 05 February 2006

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michael458



posted 01 December 2010 19:56

Hide Pos

Michael

That's great! Glad they made it without issue. One favor PLEASE, I sent several (I think) samples of 500 MDM brass, fired and some sized, all from 375 RUM brass. Can you send samples to Dieter and explain to him that all I want is straight Basic, exactly like the RUM brass--he needs not form or do anything, just basic with the head stamp to RUM specs! I know that might be a bit of a pain, just want him to know exactly how to proceed

Thanks in advance

Michael

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Posts: 8426 | Location: South Carolina | Registered: 23 June 2008



CCMDoc One of Us



posted 01 December 2010 20:01

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I have ordered 416s, 458s, .474s, a new run of .500s, and very soon .510s will follow. I have had a request for 650 gr .585s #13s with matching #13 HPs as well.



NRA Lifer; DSC Lifer; SCI member; DRSS; AR member since November 9 2003 STILL waiting for my Taksdale double or a refund

Don't Save the best for last, the smile for later or the "Thanks" for tomorow Posts: 3448 | Location: In the Shadow of Griffin&Howe | Registered: 24 November 2007

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posted 01 December 2010 20:17

Hide Post

Bullets are being run this week, and in fact right now. .500s done, .474s maybe done, 416s and 458s next this week, shipped I hope by the end of the week, shooting/testing next week.

Once the 4 band .474s have been approved by barrel strain, and no other issues, then it's off and running.

One little hitch on the "Ultra Bores"--CEB BBW #13s Solids, no issue--on the HPs Dan and I were talking this morning about those--so the first runs will be done in .585 so Sam and I can test the HPs in his 577--then we will have the scoop on that too. HPs in other calibers--zero issues. Just need to do some test work on .585 and .620 with the HPs.

I was hoping we test this week--but not--so if Sam and I can get things in, we test mid week or so, next week, get things

No, I have not forgot my buddy Paul and .620---just gotta get things right you know! No crying!

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Posts: 8426 | Location: South Carolina | Registered: 23 June 2008



416Tanzan



posted 01 December 2010 21:23

Hide Post

quote:

Of all the Noncons I have tested the 330 [in 416-TZ] was the only one that lost stability at the end of penetration. None of the .500s, .510s, .458s react that way, all dead straight right to the end. Caliber thing I reckon?

This would be a hunting revelation and revolution. So it really needs some repeatability testing to clear up. My physics training tells me that calibre is not an issue, at least not in the .4 inch//10 mm range. But I would be quite impressed to see this established. Go for it, but make it stick.

much of an incentive is there to clear this up? Well, if I KNEW that 416 was an unstable calibre with solids, I wouldn't buy a 416 Ruger Alaskan at 7 pounds 14 ounces and 20" barrel. See, I'm learning to go light!

(Hey, I know it isn't a Winnie, and it isn't wood, but it's priced right. And as for Ruger, I'm not afraid: twenty plus years ago I owned a 44RM Ruger DA that fit my hand better than the S-W and enjoyed hot loads for breakfast, and a 338 WM Model77 Ruger rifle that outshot my Win M70 338 WM in those old 'Nosler' days of push-action Winnies. Ironically, my only 'controlled-action pre-64' was a 270 'coyote gun', as Elmer used to say to Jack.)

Now, the only other rifles available at sub-8 pounds and that price range is a 375 Ruger Alaskan. A what? Exactly! So, Michael, save us from the clutches of sub-40 calibres, you can't want to push some of us off a 416 platform into the arms of those 375 wannabe sticks. Let's get this issue in the open light ASAP.

"A well-rounded hunting battery might include: 500 AccRel Nyati, 416 Rigby or 416 Ruger, 375Ruger or 338W M, 308 or 270, 243, 223" -- Conserving creation, hunting the harvest.

Posts: 4253 | Registered: 10 June 2009

-229





posted 01 December 2010 21:38

Hide Post

Hey buddy, no way I push you backwards into 375 la la land! You stay 416 old buddy! A good 65% meplat solid at 350 grs will right itself without a problem--even with slow twists. A good NonCon HP--so what if it looses stability at the end of penetration, animal is already dead long before the bullet even gets to that point! Take a look at that buff heart on 110! Since right now that 330 NonCon by lehigh is all I have in 416, it might be that bullet--next week I will have proper 416 325-330 BBW #13 HPs--might make a difference??? We will find out.

416 Ruger! Well, reckon you could do worse! At least you are headed in the right direction! Sure you don't want to look at my 18 inch 416 B&M at 6.5 lbs? HEH! That's my favorite 416. Shoots that 416 NonCon at 2500 fps, that's enough!

Stay away from sub-calibers, you know better! I am "REACHING" out, grab my hand, I will save all of you from the clutches of "LESS THAN .400", Just have Faith!



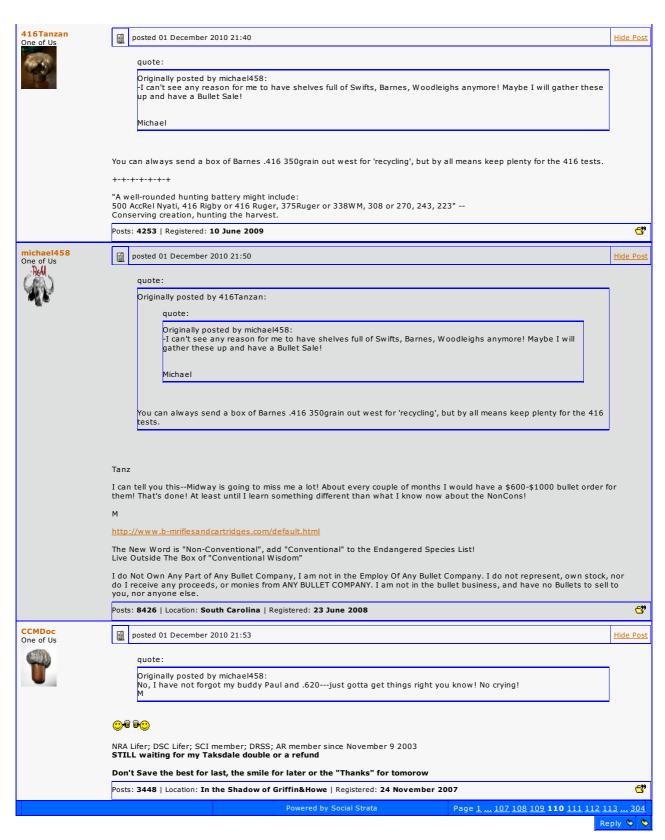
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