lead waterfowl & dove shooting tests published between 1968 & 2014 & one with nontoxic shotshell loads Roster tested for them & the CONSEP Org.	ting tests public ds Roster tester	lead waterfowl & dove shooting tests published between 1968 & 2014 & with nontoxic shotshell loads Roster tested for them & the CONSEP O	vs lead wate	U.S. steel or birds tal	data bases for certain of the 16 ed by ammunition companies f	of the lethality data bases own	This table summarizes Tom Roster's analyses to date of the lethality data bases for certain of the 16 U.S. steel vs lead waterfowl & dove shooting tests published between 1968 & 2014 & c steel-only pheasant shooting test (1999) plus lethality data bases owned by ammunition companies for birds taken with nontoxic shotshell loads Roster tested for them & the CONSEP Org Note: Steel #BBB (.190") & HEVI-Shot #2 (.150") have exhibited the best all-around performance for taking deese: steel #3 (.140") & HEVI-Shot #4 (.130") the best all-around performance
Improved Modified, Full	Improved	175	-	-	Steel 7 to 6	20-30	Swatter Load For Wounded Birds
Imp. Cyl., Light Modified	Imp. Cyl.,	200-210	1-2	5/8 -3/4	Steel 8 to 7	20-30	Northern Bobwhite Quail
I.C. (20-30 Yds); Light Mod (30-45 Yd)	I.C. (20-30	200-210	1-2	3/4	HEVI-Shot 71/2	20-45	
IC-8's/LM-7's (20-30 Yds); Mod>30 Yd	IC-8's/LM-7	200-210	1-2	5% -3/4	Steel 8 to 7	20-45	Mourning Doves
tra Full	Full or Extra Full	210-230	3-4	1-1/4	Steel 4; HEVI-Shot 6	20-40	Turkeys (Head and Neck Shots)
I.C. (20-30 Yds), Mod. (30-50 Yds)	I.C. (20-30	90-95	2-3	1-1/8	HEVI-Shot 6 to 4	20-50	
(30-50	I.C. (20-30	90-95	2-3	-	Steel 3 to 2	20-50	<b>Ring-Necked Pheasants</b>
Mod. (20-35 Yds), Full (35-45 Yds)	Mod. (20-3	135-145	1-2	1-1/8	HEVI-Shot 6	20-45	Teal, Ruddy, Bufflehead
Mod. (20-35 Yds), Full (35-45 Yds)	Mod. (20-3	135-145	1-2	-	Steel 6 to 4	20-45	Small Ducks Over Decoys
I.C. (20-35 Yds), Mod. (35-45 Yds)	I.C. (20-35	115-120	1-2	1-1/8	HEVI-Shot 6 to 4	20-45	Wigeon, Scaup, Shoveler
I.C. (20-35 Yds), Mod. (35-45 Yds)	I.C. (20-35	115-120	1-2	-	Steel 6 to 3	20-45	Medium Ducks Over Decoys
I.C. (20-35 Yds), Mod. (35-45 Yds)	I.C. (20-35	85-90	1-2	1-1/8	HEVI-Shot 6 to 4	20-45	
I.C. (20-35 Yds), Mod. (35-45 Yds)	I.C. (20-35	85-90	1-2	3/4 - 1	Steel 6 to 2	20-45	Large Ducks Over Decoys
Improved Modified, Full	Improved	85-90	1-2	1-1/4	HEVI-Shot 4	45-65	Mallard, Black, Pintail, Goldeneye, Gadwall
Improved Modified, Full	Improved	85-90	1-2	1-1/8	Steel 2 to 1	45-65	Large Ducks At Long Range
Improved Cylinder, Modified	Improved	60-65	1-2	1-1/4	HEVI-Shot 4 to 2	35-50	
Light Modified, Modified	Light Mod	60-65	1-2	1-1/8	Steel 2 to BB	35-50	Medium/Small Geese Over Decoys
Improved Modified, Full	Improved	60-65	1-2	1-1/2	HEVI-Shot 2	50-65	Snow, White-fronted, Lesser Canadas
Improved Modified	Improved	60-65	1-2	1-1/4	Steel BB to BBB	50-65	Medium/Small Geese Long Range
Improved Cylinder, Modified	Improved	50-55	1-2	1-1/2	HEVI-Shot 2 to B	35-50	
Improved Cylinder, Modified	Improved	50-55	1-2	1-1/4	Steel BB to BBB	35-50	Large Geese Over Decoys
Improved Modified, Full	Improved	50-55	1-2	1-1/4	HEVI-Shot 2 to B	50-70	Giant, Western, Atlantic and Interior Canadas
	Mo at l in De	Co An Cle	Ne	Min	The Second Column	Ob Ty Du	ACTIVITY
of ~ 7.86 g/cc density and 90- 95 DPH hardness. The HEVI- Shot pellets were of 12.0 g/cc density and are harder than	st Effective Distance (G Lead Shot C signations)	nimum Patte unt Needed y Distance f ean Kills (# o llets in 30" (	nimum Pelle eded on Let eas for Clea	nimum Load eight (Ounce	Listed Under ACTIVITY At The Distances Listed In	served Hur pical Shoot ring Activity	& Upland Game Birds <sup>1</sup> Vel. Range Tested: 1,225 – 1,700 FPS
were traditional, highly spherical ball-shaped pellets	iven	at for of	thal		Nontoxic Shot	ting R	For Waterfowl, Doves,
NOTE: The pellets in the steel		)			Most Effective	ange ds)	Proven Nontoxic Loads

TOM ROSTER'S 2016 NONTOXIC SHOT LETHALITY TABLE®