

National FFA ENR Contest
GPS Key (26Oct2017)

Question/Scorecard #	Tracks					Acceptable Tolerance	Value per question (pts)	
	GPS Test #1 (White Track)	GPS Test #2 (Green Track)	GPS Test #3 (Blue Track)	GPS Test #4 (Yellow Track)	GPS Test #5 (Red Track)			
1	B	B	C	B	A	None	1	
2	B	B	C	B	C	None	1	
3	A	B	B	C	B	None	1	
4	C	B	B	C	B	None	1	
5	B	A	B	B	C	None	1	
6	B	C	B	B	C	None	1	
7	C	B	A	B	B	None	1	
8	C	B	C	B	B	None	1	
9	B	C	B	A	B	None	1	
10	B	C	B	C	B	None	1	
GPS 2 - Latitude N	40.16261	40.16265	40.16256	40.16270	40.16254	Tolerance = +/- 0.00002 for each.	25	No partial credit
GPS 2 - Longitude W	086.50239	086.50217	086.50196	086.50177	086.50145			
3 - UTM E	0542499	0542499	0542504	0542502	0542505	Tolerance = +/- 3.0 for each.	25	No partial credit
3- UTM N	4445855	4445841	4445833	4445822	4445810			
3 DIGIT SECTION #4	735	640	690	635	685	None	20	
3 DIGIT SECTION #5	466	451	410	443	386	Tolerance = +/- 10	20	

Total=100pts

Example of tolerance for #1 (White) Latitude /Longitude and UTM

Latitude From 40.16259 to 40.16263 = Acceptable

Longitude From 086.50237 to 086.50241 = Acceptable

UTM East From 0542496 to 0542502 = Acceptable

UTM North From 4445852 to 4445858 = Acceptable

No partial credit - both lat/lon coordinates and both UTM coordinates have to be in range.

No partial credit is given for any part of this exam.

