



pH Comparison by Product

PROVEN PERFORMANCE BACKED BY TESTING

Independent lab testing compared Poultry Guard® to SBS, PLT®, and acid alum to evaluate pH performance — a key factor in ammonia control and litter conditions.

Results showed Poultry Guard® delivers consistently low pH levels, with average readings around 1.02–1.04, outperforming comparable products like SBS and PLT (averaging ~1.07–1.11). In addition to strong performance, Poultry Guard® demonstrated tight consistency across samples, ensuring reliable results house after house.

What this means for growers:

Lower, more consistent pH supports better ammonia control, improved litter conditions, and healthier flocks.

Product	Avg pH ↓	Consistency (CV%)
Poultry Guard Liquid	0.73	5.35%
Poultry Guard Dry	1.02	1.74%
SBS	1.07	1.00%
PLT	1.10	1.31%

Data by **Josh Payne, Ph.D.**, Technical Services Director, C&S Ag Services.



Full Data Table Here



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