

Draft Agricultural Verification Protocol Concept

Chesapeake Bay Program Agriculture Workgroup (AgWG)

Does it Capture May 10, 2012

Ag Protocol Category	Assessment Method	Cost-Shared Information	Other BMP Information	Verification Methodology	Verification Issues	Relative Benefit	Relative Cost	Data Confidence	Data Credit
Farm Inventory	Farm inventory by trained federal, state, and/or county agency personnel.	Yes	Yes	Yes	Yes	Yes	High	100%/100%	100%/100%
Farm Inventory	Farm inventory by trained independent third-party personnel.	Yes	Yes	Yes	Yes	Yes	High	100%/100%	100%/100%
Farm Inventory	Farm inventory by trained agricultural industry personnel.	Yes	Yes	Yes	Yes	Yes	High	100%/100%	100%/100%
Farm Inventory	Farmer completes self-certified inventory survey and trained federal, state and/or county personnel visit site to confirm.	Yes	Yes	Yes	Yes	Yes	High to Medium	90%/90%	0%/0%
Farm Inventory	Farmer completes inventory self-certified inventory with trained federal, state and/or county agency personnel.	Maybe	Maybe	Maybe	Maybe	Must check records to verify	Low	0%/0%	0%/0%

same

What if?

Low Med

High

High

High

75/75

These are either in or out of site visits are high No partial Grading

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		Federal C/S	State C/S	NGO C/S	Private Funded	Meets Specs	Functional Equivalent	Almost : provides benefits, but needs work to meet specs	Installation Date			Annual BMP/ Structural BMP	Annual BMP/ Structural BMP		
Farm Inventory	Farmer completes self-certified inventory survey.	Maybe	Maybe	Maybe	Maybe	Maybe	Maybe	Must check records to verify	By Farmer self certification when submitted	Wide variance in knowledge of farmers	Low	Low	0%/0%	0%/0%	
Office Records	Review of existing office records by trained federal, state and/or county agency personnel.	Yes	Yes	Maybe	Only by elimination	Yes	No	No	Yes	Trained personnel verify through knowledge of the farm or through calls made to the farmer	Misses many non C/S practices	Medium	Medium	0%/0%	0%/0%
Farm Records	Review of existing on-farm records by trained federal, state and/or county agency personnel.	Yes	Yes	Maybe	Only by elimination	Yes	No	No	Yes	Trained personnel verify through knowledge of the farm or through calls made to the farmer	Misses many non C/S practices	Medium	Medium	100%/0%	0%/0%
Farm Records	Review of existing on-farm records by trained independent third-party personnel.	Yes	Yes	Maybe	Only by elimination	Yes	No	No	Yes	Trained personnel verify through knowledge of the farm or through calls made to the farmer	Misses many non C/S practices	Medium	Medium	0%/0%	0%/0%

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		Federal C/S	State C/S	NGO C/S	Private Funded	Meets Specs	Functional Equivalent	Almost : provides benefits, but needs work to meet specs	Installation Date				Annual BMP/ Structural BMP	Annual BMP/ Structural BMP	
Farm Records <i>2005 lost + 2020</i>	Review of existing on-farm records by trained agricultural industry personnel.	Yes	Yes	Maybe	Only by elimination	Yes	No	No	Yes	Trained personnel verify through knowledge of the farm or through calls made to the farmer	Misses many non C/S practices	Medium	Medium	0%/0% <i>50/50</i>	0%/0%
Transect Survey	Transect completed by trained personnel on a County or Watershed scale.	Maybe	Maybe	Maybe	Maybe	Yes	Maybe	No	No, must check records to determine ground e/date of observation	Verified by the trained personnel completing the transect on the ground	Can only determine existence and quality of practices not source of funding ✓	Medium	Medium	0%/0% <i>related to study</i>	0%/0%
CEAP Survey	CEAP survey conducted in-person at field-level with NASS trained personnel.	Maybe	Maybe	Maybe	Maybe	(No)	No	No	No, must check records to determine	NASS certification procedures		Med.	Med	0%/0% <i>Related to study</i>	0%/0%
NASS Survey	NASS survey conducted via survey with trained personnel.	No	No	No	No	No	No	No	No, must check records to determine	NASS certification procedures		Med	Low	0%/0% <i>75/75</i>	0%/0%

↑ Same as last two

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		Federal C/S	State C/S	NGO C/S	Private Funded	Meets Specs	Functional Equivalent	Almost : provides benefits, but needs work to meet specs	Installation Date					Annual BMP/ Structural BMP	Annual BMP/ Structural BMP
Aerial Photography Remote Sensing	Remote Sensing or Field Visit to the points.	No	No	No	No	No	No ✓	No	No, must check records to determine	Verification can be same as Aerial Remote Sensing method or by visit to each site to collect and certify data	some	High	Low	75/75 but depends on study	
NRI Point or some other statistically selected sites		✓													

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