

Final AMS Recommendations for Ag Workgroup

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Recommendations Pending Approval

- Crop Removal Data
- Stream Exclusion Default
- WV Soil P Data Certainty
- Sunset???

Crop Removal Recommendations

- **Major Crops (10 types):**

- Lbs TN or TP/ yield unit provided by USDA Crop Nutrient Tool: <https://plants.usda.gov/npk/main>.
- Yields provided by year and county by USDA-NASS Quick Stats (annual yield data): <https://quickstats.nass.usda.gov/>.

- **Hay, Pasture and select Specialty Crops (22 types)**

- Lbs TN or TP/ yield unit provided by USDA Crop Nutrient Tool: <https://plants.usda.gov/npk/main>.
- Per acre yield assumptions provided by AMS.

- **Other Minor Crops (67 types)**

- Removal set equivalent to 80% of per acre application goal.
- 80% approximately equivalent to removal for corn for grain (0.79 lbs/bushel removal compared to 1 lb/bushel typical application).

Question

- Does Ag Workgroup concur with AMS recommendations for crop removal in the Phase 6 Model?

Stream Exclusion Default Recommendations

- **Credit available in two ways:**

- 1) Submit only dimensions of practice (length or length and width or acres), and receive default credit for exclusion of animals.
- 2) Submit dimensions AND AU excluded – much preferred!

- **Default AU calculation method:**

- VA VACS data analyzed to determine average AU excluded per acre.
- AMS recommends linear feet is better crediting mechanism than acres because width of exclusion projects can vary greatly without impacting AU actually excluded.
- **Based upon additional analysis of data, AMS recommends changing this value from 22 AU/acre to 17.6 AU/1,000 linear feet.**

Question:

- Does Ag Workgroup concur with AMS recommendation of 17.6 AU/1,000 linear ft for exclusion fencing practices?

WV Soil P Data Uncertainty Value

SOURCE	STATE	STANDARD DEVIATION
AgriAnalysis	DE	25
AgriAnalysis	MD	25
AgriAnalysis	NY	25
AgriAnalysis	PA	25
AgriAnalysis	VA	25
AgriAnalysis	WV	25 50
Penn State University	PA	15
Virginia Tech	VA	30
University of Maryland 1	MD	50
University of Maryland 2	DE	25
University of Maryland 2	MD	40
University of Maryland 2	NY	50
University of Maryland 2	PA	15
University of Maryland 2	VA	50
University of Maryland 2	WV	20
University of Delaware	DE	20

- WV found abnormal soil history estimates in Berkeley County, and requested changing the uncertainty (standard deviation) of the soil P data from AgriAnalysis from 25 to 50.
- AMS approved change.

Question

- Does Ag Workgroup concur with AMS's recommendation to change soil P uncertainty (standard deviation) from 25 to 50 for WV's AgriAnalysis samples?

Question

- Does the Ag Workgroup approve of sunseting the AMS as of September 1, 2017?

