

Conservation Tillage Panel Update

Agriculture Workgroup (AgWG) Meeting

March 21, 2013

Joe Macknis Memorial Conference Room

Annapolis, Maryland

Panel Membership

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Mark Dubin	UM
Emma Giese	CBPO
Bill Clouser	PA
Tom Basden	WVU
Patrick Bowen	USDA-WV
Ben Coverdale	DE
Frank Coale	UM
Sjoerd Duiker	PSU
Kevin Ganoë	Cornell
Matt Johnston	CBPO
Dale Gates	USDA-NY

Mark Goodson	USDA-NRCS
Bill Keeling	VA
Rory Maguire	VT
Josh McGrath	UMD
Jack Meisinger	USDA-ARS
Tim Sexton	VA DCR
Royden Powell	MDA
Mark Reiter	VT
Jeff Sweeney	EPA
Ken Staver	UMD
Phillip Sylvester	UD
Kamran Zendehdel	TetraTech

Existing CT Practices

1. Conventional Tillage:
Model base condition expressed as a land use. Range of residue values from 0 to 29% at planting.
2. Conservation Tillage:
Annual BMP expressed as a land use. Range of residue values from 30%+ at planting.
3. Continuous No-Till:
Annual BMP expressed only as an effectiveness value with the CT land use. Incorporates cover crop and NM BMPs. Minimum 5 year CNT crop rotation required.

Draft Recommendations

1. Conventional Tillage:
No changes suggested.
2. Conservation Tillage:
Suggest annual BMP represented as an effectiveness value. Range of crop residue values reduced due to new higher residue categories.
3. Strip Tillage:
Potential new annual intermediate category expressed as an effectiveness value. TBD.
4. Annual No-Till:
Suggested new annual intermediate category for higher crop residue levels expressed as an effectiveness value.
5. Continuous No-till:
Suggest annual BMP represented as a effectiveness value. Allow stacking of cover crops and NM with separate effectiveness values. Continue existing BMP definitions including minimum 5 year CNT crop rotation.

Draft Recommendations Cont.

- Implementation data for new proposed categories are currently available from several sources including CTIC, USDA-NASS, and PA.
- Phase 5 model recommendations will be limited for CT, but are open for CNT and potential new categories above CT level.
- Phase 6 model recommendations would be open to full recommendations.

Questions?

Comments?