

Changes to Cover Crops in the Phase 6 Model

Water Quality GIT

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Overview of Changes

- Categories
 - Phase 5: Traditional, Commodity
 - Phase 6: Traditional, Commodity, Traditional with Fall Nutrients
- Combinations of Category/Species/Plant Date/Plant Method
 - Phase 5: 94
 - Phase 6: 104
- Eligible Land Uses
 - Phase 5: Traditional and Commodity – All Row Crop LU
 - Phase 6:
 - Traditional and Traditional with Fall Nutrients – All Row Crop LU
 - Commodity – LU with Small Grains

SECTION 6

FIELD CROPS

- Were any field crops, such as corn, tobacco, wheat, etc., harvested from this operation in 2012?

INCLUDE
your landlord's share and crops grown under contract

EXCLUDE
crops grown on land rented to others

1011

1
☐
Yes - Complete this section

3
☐
No - Go to SECTION 7
- Report quantity harvested in the unit specified with the crop name. For those crops not printed in the following table, enter the field crop name and code from the list below for any other field crop harvested in 2012. Report gross value of agricultural products sold from this operation in 2012. Include the value of your landlord's share, marketing charges, taxes, hauling, etc. Exclude value of items produced under production contracts.

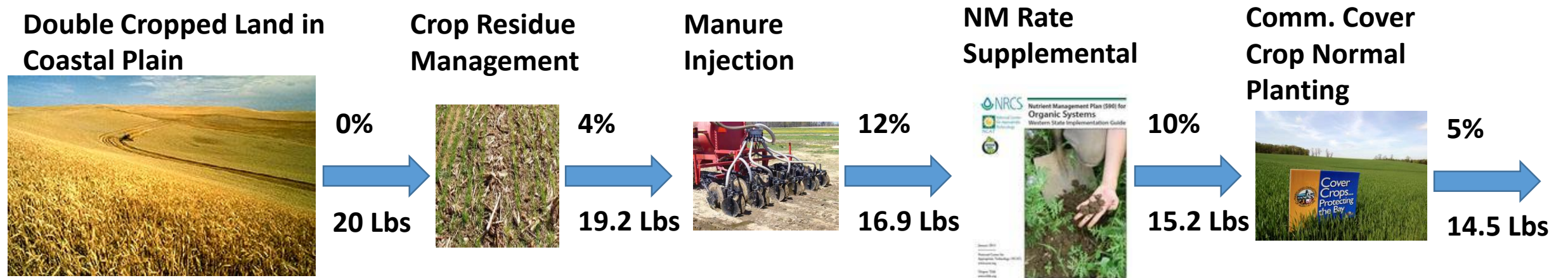
Field Crop	Code	Acres Harvested		Total Quantity Harvested		Acres Irrigated		Value of Sales (Dollars)	
		Acres	Tenths			Acres	Tenths		
Tobacco - all types (tenth acres)	0094				Lbs.			\$	.00
Field Crop	Code	Acres Harvested		Total Quantity Harvested		Acres Irrigated		Value of Sales (Dollars)	
Barley for grain or seed	0079				Bu.			\$	.00
Corn for grain or seed	0067				Bu.			\$	.00
Corn for silage or greenchop	0070				Tons			\$	.00
Cotton, Upland - Include cottonseed in value of sales only	0581				Bales			\$	.00
Fescue seed	0602				Lbs.			\$	.00
Oats for grain or seed	0076				Bu.			\$	.00
Peanuts for nuts	0656				Lbs.			\$	.00
Rye for grain or seed - Exclude ryegrass	0686				Bu.			\$	.00
Sorghum for grain or seed - Include milo	0082				Bu.			\$	.00
Sorghum for silage or greenchop - Report Sorghum-Sudan crosses in Section 7	0085				Tons			\$	.00
Soybeans for beans	0088				Bu.			\$	.00
Sunflower seed, oil variety	0773				Lbs.			\$	.00
Sunflower seed, non-oil variety	0776				Lbs.			\$	.00
Wheat, Winter for grain or seed harvested in 2012	0572				Bu.			\$	.00

Commodity Land Uses

- Producers report all acres of harvested, small grains through the Ag Census.
- All acres of small grains fit into the Small Grains and Double-Cropped land uses.
- If use of commodity cover crops expand, 2017 Ag Census should capture the expansion.

Overlapping Practices

- **Q5. Can cover crops be combined with other practices to treat runoff from agricultural land uses?**
- **A5.** Yes. For example, a single acre of cropland could be eligible for reduction credits from conservation tillage, manure injection, nutrient management, cover crops and upslope reductions from buffers.
- *Equation: Pre-BMP Load X ((1 - Practice 1 Efficiency) X (1 – Practice 2 Efficiency) X (1 – Practice 3 Efficiency) X...)*



28 % Reduction

Next Steps

- Phase 5.3.2 practices have been mapped to new practices; no changes needed from states.
- WTWG should:
 - review all reported Phase 6 practices
 - eliminate unnecessary practices from reporting options
 - add necessary practices as requested by states
- States always have the option of revising historical data to better reflect new practices (e.g., traditional cover crops with fall applications).