

Maryland Agriculture

Chesapeake Bay Restoration Goals

How we got here and where we need to go

Lindsay Thompson

Maryland Association of Soil Conservation Districts

Maryland Grain Producers Association

How we got here

BMP²	2009 Progress	2019 Progress
Cover Crops (acres)	146,839	357,117
Tillage Management – Continuous High Residue (acres)	548,015	632,798
Soil Conservation and Water Quality Plans (acres)	780,852	883,953
Grass Buffers (acres)	37,930	30,028
Nutrient Management Core Nitrogen (% compliance rate)	None reported ³	66
Conservation Tillage (acres)	186,558	189,837
Prescribed Grazing (acres)	6,911	10,287
Horse Pasture Management (acres)	1,352	1,887
Agricultural Drainage Management (acres)	5,434	10,826
Animal Waste Management Systems – Poultry (animal units)	1,148,213	1,707,913
Animal Waste Management System –	59,214	58,301

Where we need to go

BMP²	2009 Progress	2019 Progress	2020/2021 Milestone Target	2025 WIP Target
Cover Crops (acres)	146,839	357,117	470,000	464,191
Tillage Management – Continuous High Residue (acres)	548,015	632,798	643,000 acres annually	618,411
Soil Conservation and Water Quality Plans (acres)	780,852	883,953	1,000,000	1,022,031
Grass Buffers (acres)	37,930	30,028	605 additional acres annually	42,516
Nutrient Management Core Nitrogen (% compliance rate)	None reported ³	66	70	63
Conservation Tillage (acres)	186,558	189,837	248,000 acres annually	238,856
Prescribed Grazing (acres)	6,911	10,287	3,232 additional acres	19,490
Horse Pasture Management (acres)	1,352	1,887	292 additional acres	2,741
Agricultural Drainage Management (acres)	5,434	10,826	4,156 additional acres	22,471
Animal Waste Management Systems – Poultry (animal units)	1,148,213	1,707,913	100% animal units	1,798,116
Animal Waste Management System –	59,214	58,301	50% animal units	99,654

What we need
to help us get
there

- Continued financial assistance support
- Increased technical assistance support
- Innovative partnerships