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Nutrient Management in Maryland

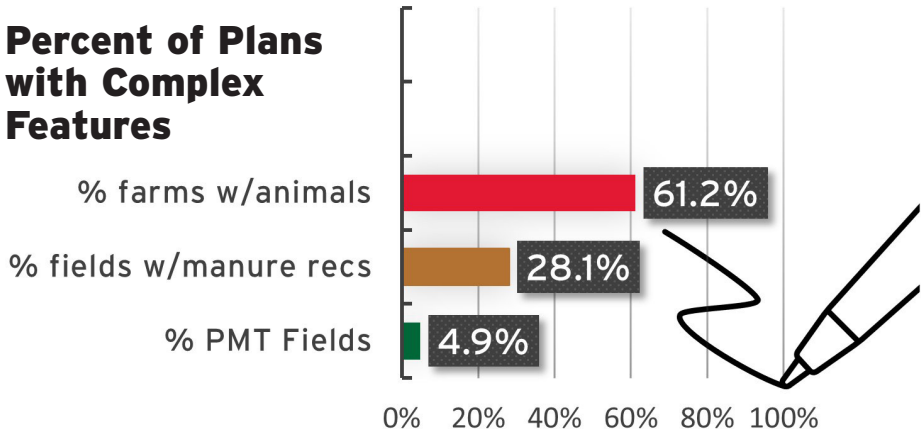
The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

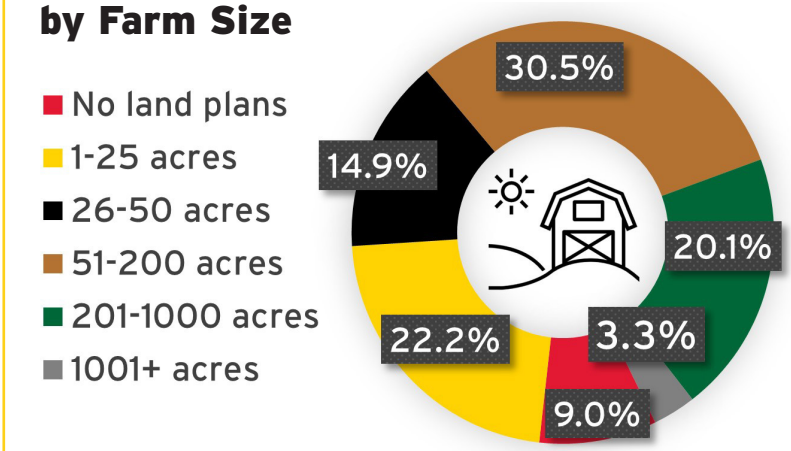
- 285,493 total acres planned
- 1,578 farmers received plans in 2022
- 966 farm plans included animals
- 21,463 fields received fertility recommendations (recs)
- 6,038 fields received manure recs
- 1,044 fields required Phosphorus Management Tool (PMT) calculation
- 130 operators required PMTs
- 29,169 multi-year plan acres
- 494 farmers received a multi-year plan
- 146 Concentrated Animal Feeding Operation/Maryland Animal Feeding Operation (CAFO/MAFO)

* Plans written in previous years, but covering 2022 are not included.

Percent of Plans with Complex Features



Percent of Plans by Farm Size



Percentages may not add up to 100 due to rounding

In a 2023 survey of 336 producers located throughout Maryland, 89% of farmers indicated they were satisfied or very satisfied with the quality of the nutrient management plan and 86% were satisfied or very satisfied with the timeliness of the nutrient management plan.

Learn more at go.umd.edu/anmp

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Nutrient Management in Allegany County

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FY 2022 UME Nutrient Management by the Numbers

- 8,701 total acres planned
- 64 farmers received plans in 2022
- 52 farm plans included animals
- 597 fields received fertility recommendations (recs)
- 57 fields received manure recs
- 448 multi-year plan acres
- 5 farmers received a multi-year plan

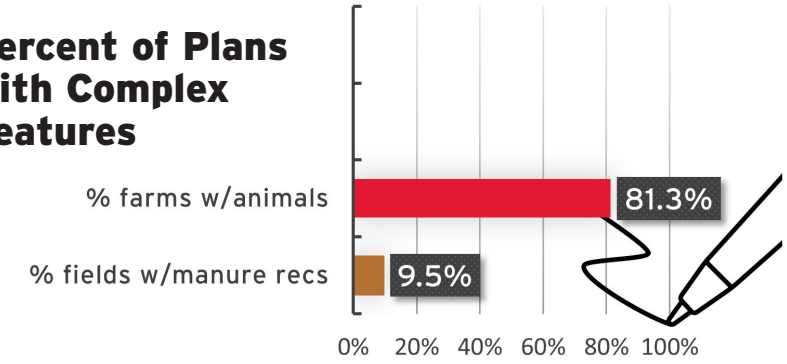
* Plans written in previous years, but covering 2022 are not included.

Percent of Plans Written Out of Total Acreage in the County

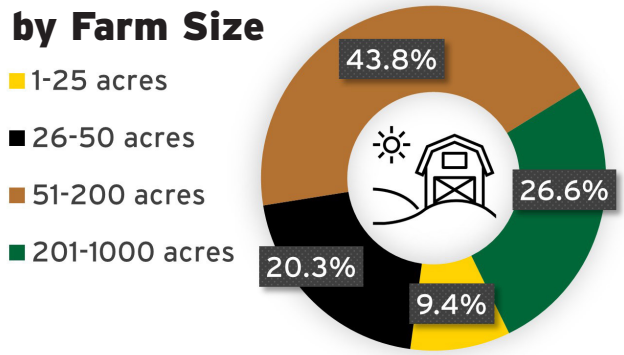
- 77% of planted acres
- 71% of farmers including multi-year plans

**Percentages calculated based on 2018 AIR data*

Percent of Plans with Complex Features



Percent of Plans by Farm Size



Percentages may not add up to 100 due to rounding

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Nutrient Management in Anne Arundel County

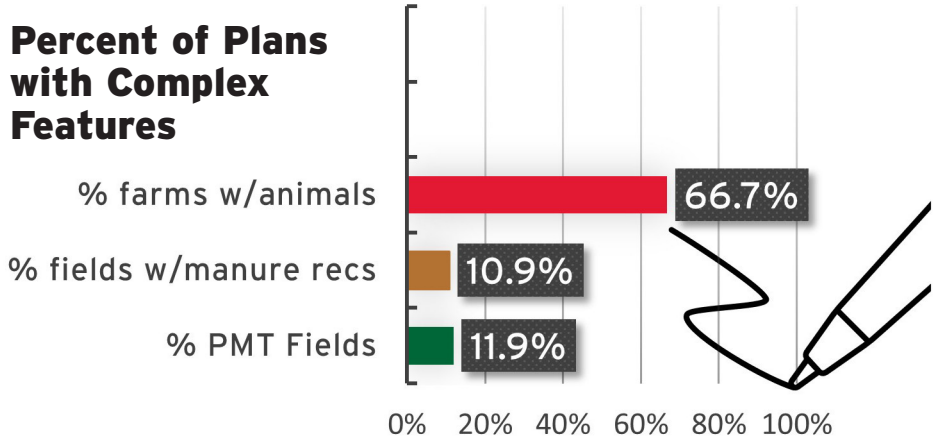
The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

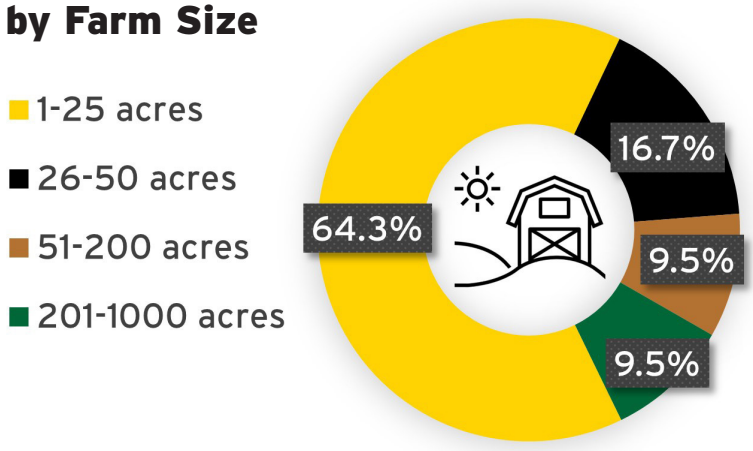
- 2,571 total acres planned
- 42 farmers received plans in 2022
- 28 farm plans included animals
- 403 fields received fertility recommendations (recs)
- 44 fields received manure recs
- 1,061 multi-year plan acres
- 20 farmers received a multi-year plan

* Plans written in previous years, but covering 2022 are not included.

Percent of Plans with Complex Features



Percent of Plans by Farm Size



Percentages may not add up to 100 due to rounding

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Nutrient Management in Baltimore County

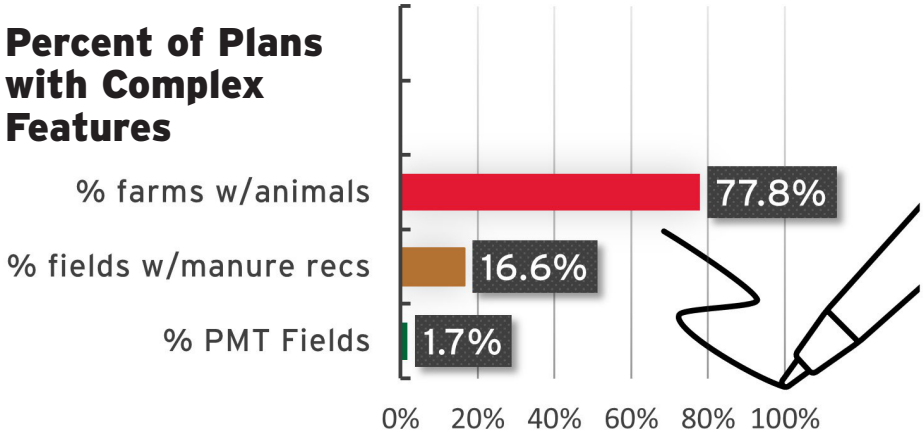
The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

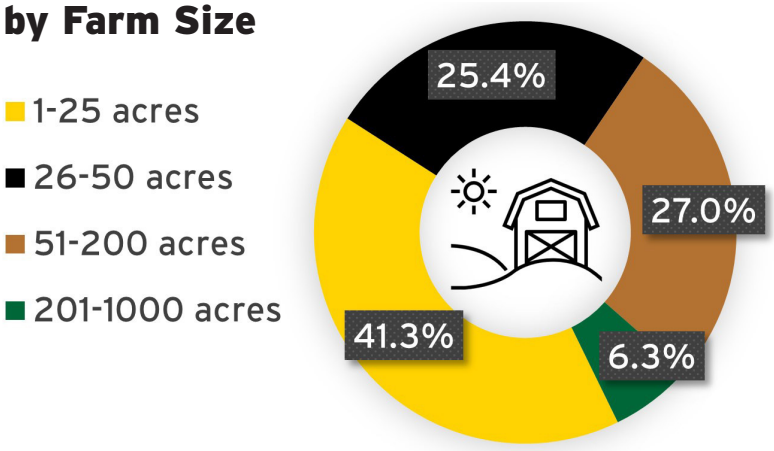
- 3,828 total acres planned
- 63 farmers received plans in 2022
- 49 farm plans included animals
- 801 fields received fertility recommendations (recs)
- 133 fields received manure recs
- 311 multi-year plan acres
- 10 farmers received a multi-year plan

* Plans written in previous years, but covering 2022 are not included.

Percent of Plans with Complex Features



Percent of Plans by Farm Size



Percentages may not add up to 100 due to rounding

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Nutrient Management in Calvert County

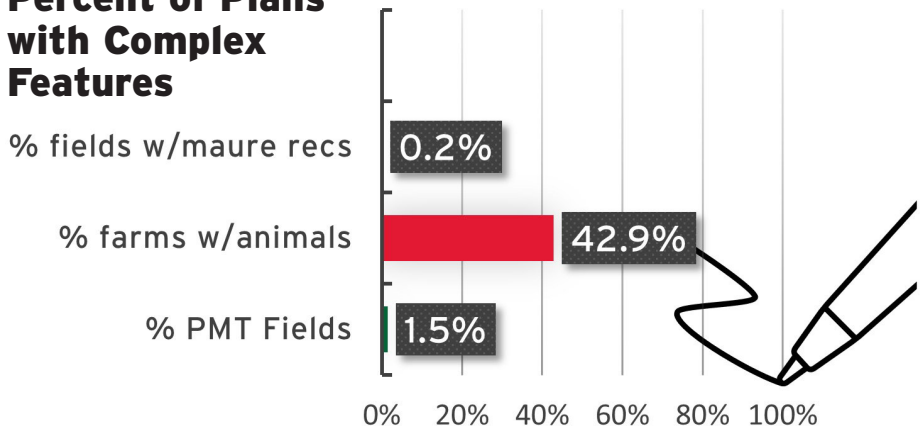
The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

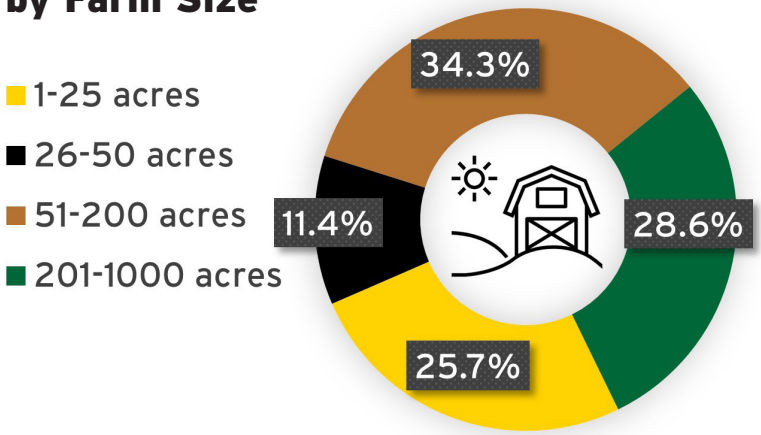
- 5,517 total acres planned
- 35 farmers received plans in 2022
- 15 farm plans included animals
- 462 fields received fertility recommendations (recs)
- 1 field received manure recs
- 7 fields required Phosphorus Management Tool (PMT) calculation
- 3 operators required PMTs
- 470 multi-year plan acres for 50 farmers
- 185 manure transport project acres

* Plans written in previous years, but covering 2022 are not included.

Percent of Plans with Complex Features



Percent of Plans by Farm Size



Percentages may not add up to 100 due to rounding

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Learn more at
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Nutrient Management in Caroline County

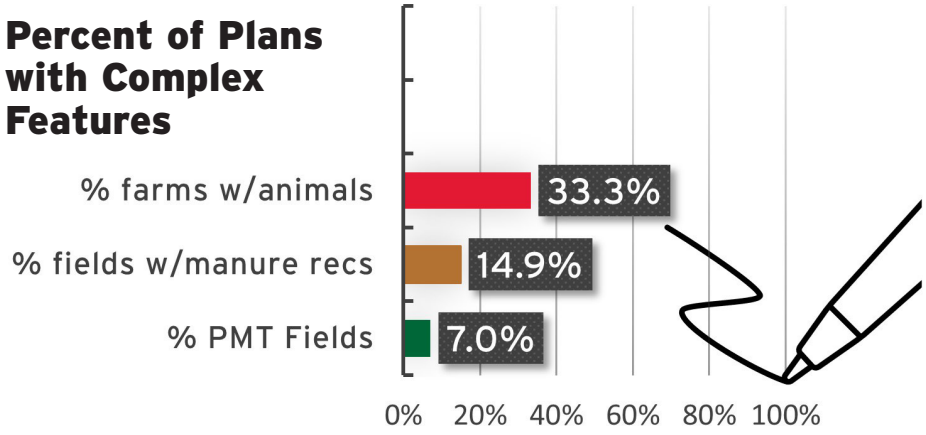
The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

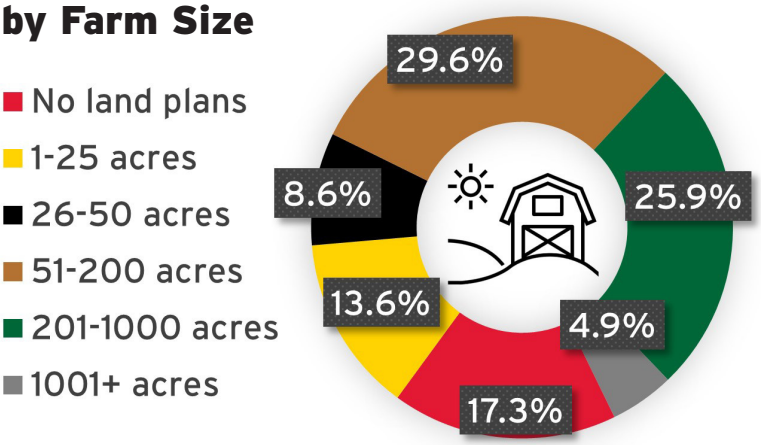
- 16,720 total acres planned
- 81 farmers received plans in 2022
- 27 farm plans included animals
- 820 fields received fertility recommendations (recs)
- 122 fields received manure recs
- 57 fields required Phosphorus Management Tool (PMT) calculation
- 17 operators required PMTs
- 200 multi-year plan acres
- 16 farmers received a multi-year plan
- 17 Concentrated Animal Feeding Operation/Maryland Animal Feeding Operation (CAFO/MAFO)

* Plans written in previous years, but covering 2022 are not included.

Percent of Plans with Complex Features



Percent of Plans by Farm Size



Percentages may not add up to 100 due to rounding

In a 2023 survey of 336 producers located throughout Maryland, 89% of farmers indicated they were satisfied or very satisfied with the quality of the nutrient management plan and 86% were satisfied or very satisfied with the timeliness of the nutrient management plan.

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go.umd.edu/anmp

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Nutrient Management in Carroll County

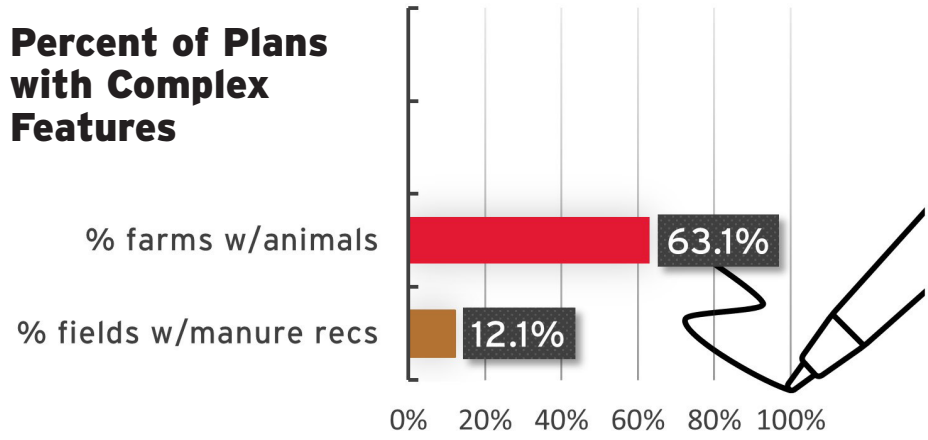
The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

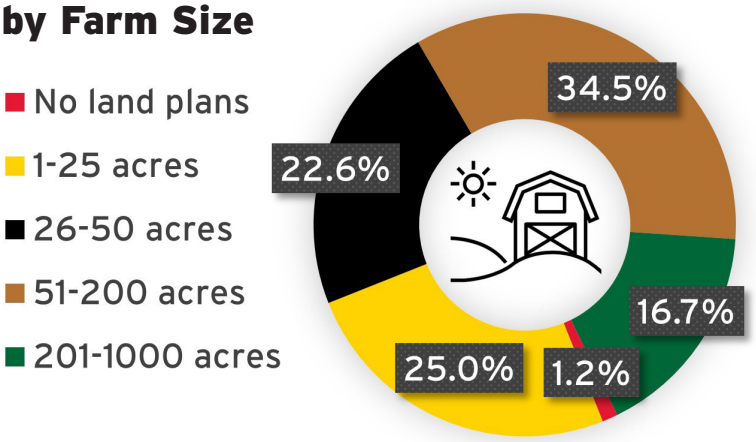
- 10,332 total acres planned
- 84 farmers received plans in 2022
- 53 farm plans included animals
- 1,177 fields received fertility recommendations (recs)
- 142 fields received manure recs
- 2,600 multi-year plan acres
- 49 farmers received a multi-year plan

* Plans written in previous years, but covering 2022 are not included.

Percent of Plans with Complex Features



Percent of Plans by Farm Size



Percentages may not add up to 100 due to rounding

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Nutrient Management in Cecil County

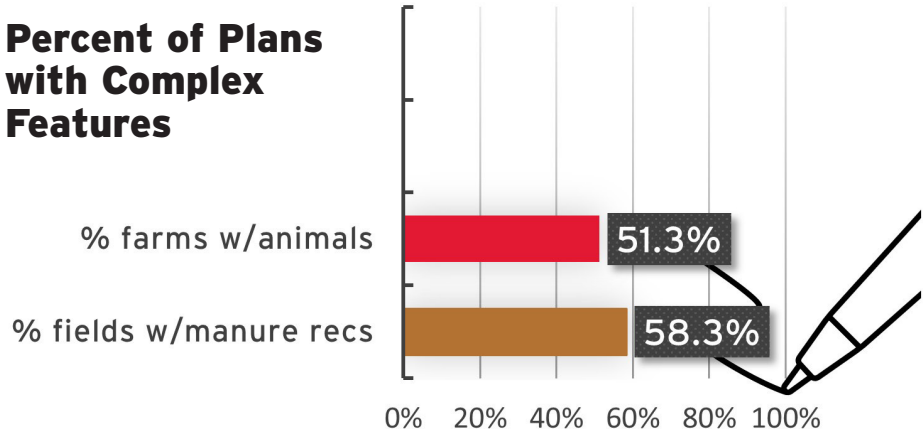
The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

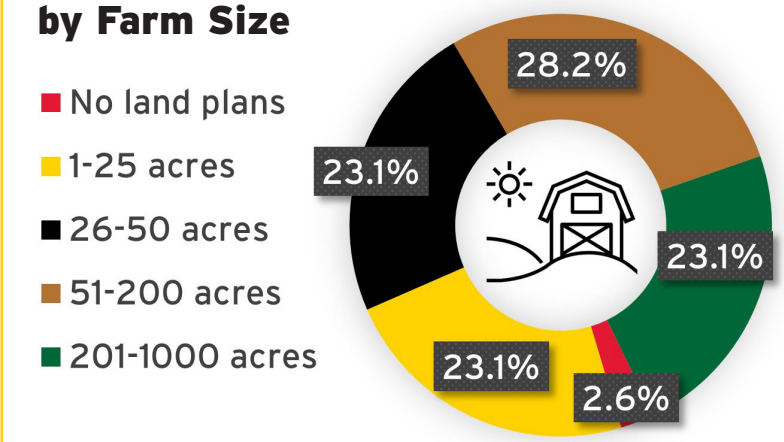
- 4,621 total acres planned
- 39 farmers received plans in 2022
- 20 farm plans included animals
- 333 fields received fertility recommendations (recs)
- 194 fields received manure recs
- 418 multi-year plan acres
- 10 farmers received a multi-year plan

* Plans written in previous years, but covering 2022 are not included.

Percent of Plans with Complex Features



Percent of Plans by Farm Size



Percentages may not add up to 100 due to rounding

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Nutrient Management in Charles County

The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

- 15,964 total acres planned in 2022
- 81 farmers received plans in 2022
- 42 farm plans included animals
- 1,001 fields received fertility recommendations (recs)
- 82 fields received manure recs
- 63 fields required Phosphorus Management Tool (PMT) calculation
- 17 operators required PMTs
- 3,789 multi-year plan acres for 31 farmers
- 28 plans required for cost share
- 33 manure transport project acres

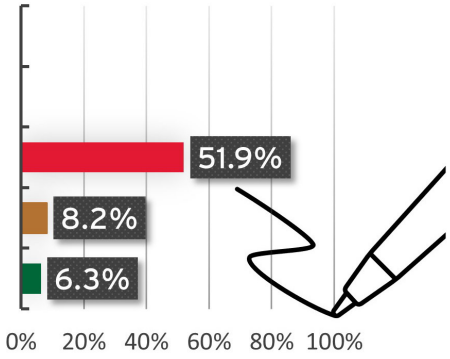
* Plans written in previous years, but covering 2022 are not included.

Percent of Plans Written Out of Total Acreage in the County

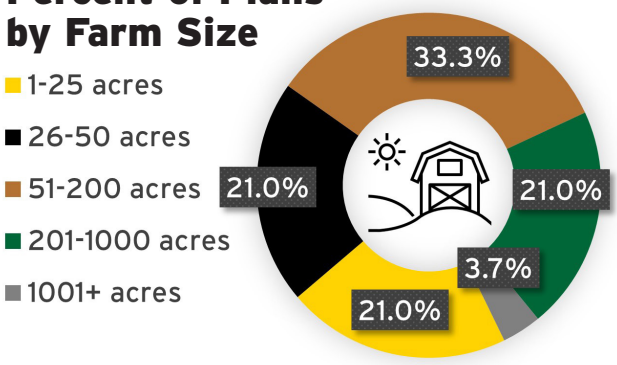
- 97% of farmers
- 99% of planned acres (21,648 acres)

** Percentages calculated based on 2018 MDA AIR data, farmers served in the last 3 years by UME and total 2022 and multi-year plan data.*

Percent of Plans with Complex Features



Percent of Plans by Farm Size



Percentages may not add up to 100 due to rounding

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Nutrient Management in Dorchester County

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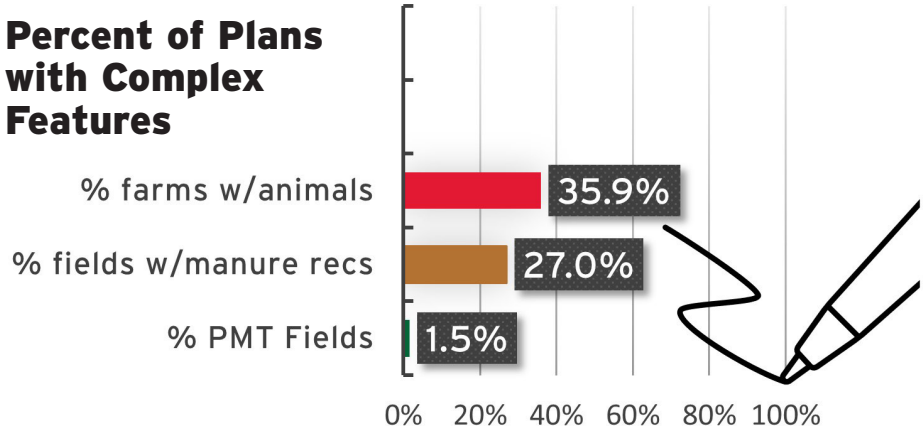
FY 2022 UME Nutrient Management by the Numbers

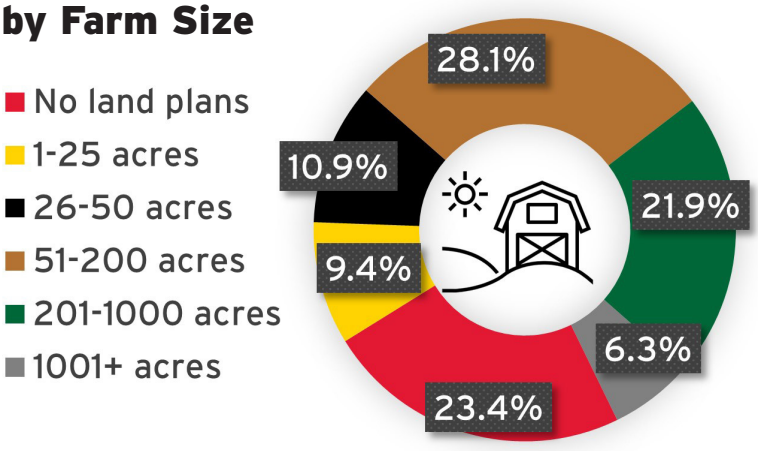
- 14,294 total acres planned
- 64 farmers received plans in 2022
- 23 farm plans included animals
- 880 fields received fertility recommendations (recs)
- 238 fields received manure recs
- 13 fields required Phosphorus Management Tool (PMT) calculation
- 4 operators required PMTs
- 440 multi-year plan acres
- 19 farmers received a multi-year plan
- 18 Concentrated Animal Feeding Operation/Maryland Animal Feeding Operation (CAFO/MAFO)

* Plans written in previous years, but covering 2022 are not included.

Percent of Plans with Complex Features



Percent of Plans by Farm Size



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Nutrient Management in Frederick County

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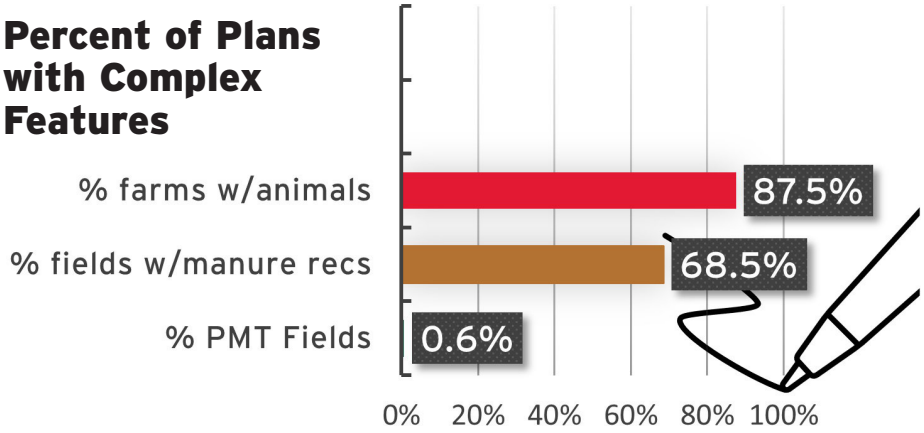
FY 2022 UME Nutrient Management by the Numbers

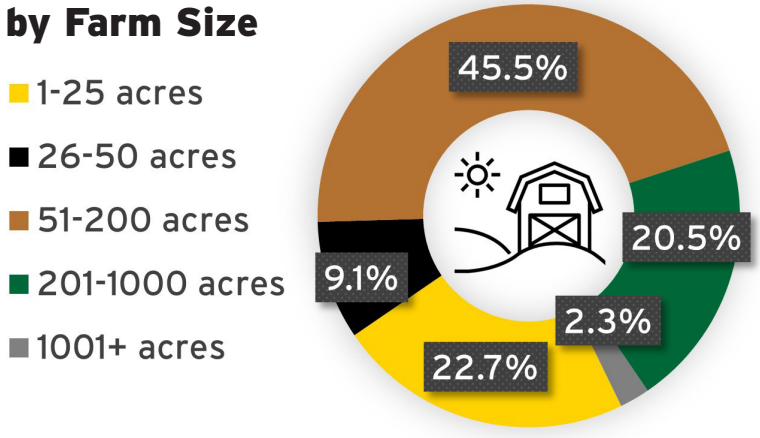
- 14,796 total acres planned
- 88 farmers received plans in 2022
- 77 farm plans included animals
- 1,246 fields received fertility recommendations (recs)
- 854 fields received manure recs
- 522 multi-year plan acres
- 13 farmers received a multi-year plan

* Plans written in previous years, but covering 2022 are not included.

Percent of Plans with Complex Features



Percent of Plans by Farm Size



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Nutrient Management in Garrett County

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FY 2022 UME Nutrient Management by the Numbers

- 14,337 total acres planned
- 77 farmers received plans in 2022
- 56 farm plans included animals
- 1,565 fields received fertility recommendations (recs)
- 760 fields received manure recs
- 52 multi-year plan acres
- 1 farmer received a multi-year plan

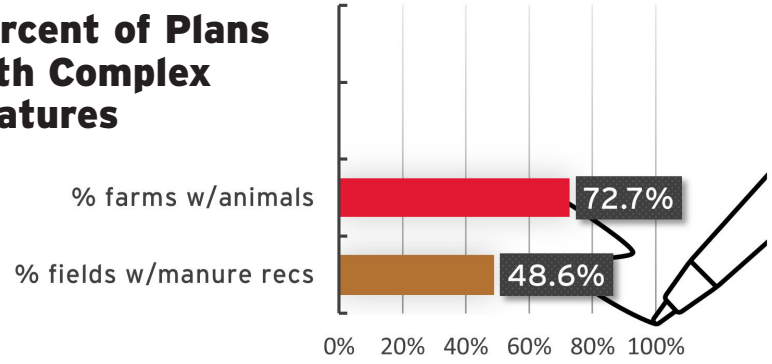
* Plans written in previous years, but covering 2022 are not included.

Percent of Plans Written Out of Total Acreage in the County

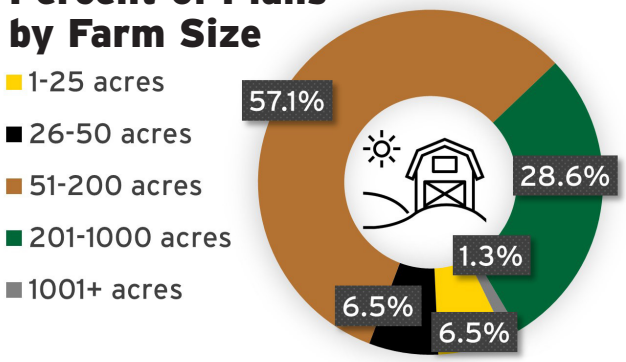
- 38% of planted acres
- 32% of farmers including multi-year plans

**Percentages calculated based on 2018 AIR data*

Percent of Plans with Complex Features



Percent of Plans by Farm Size



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Nutrient Management in Harford County

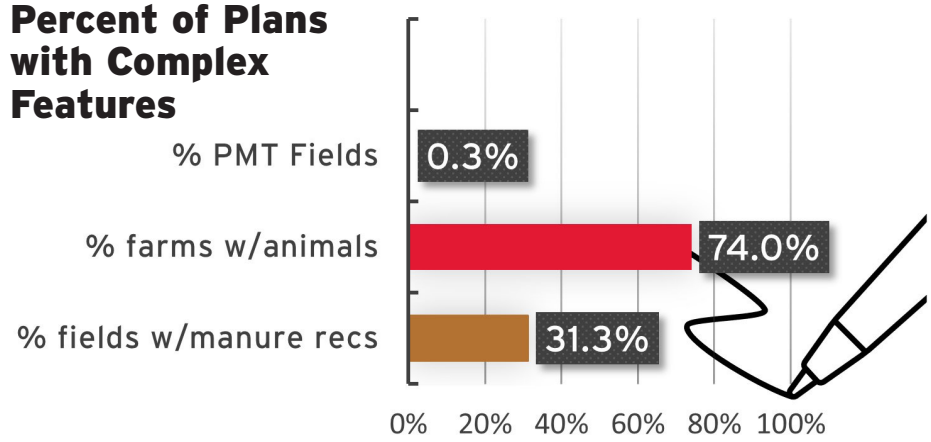
The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

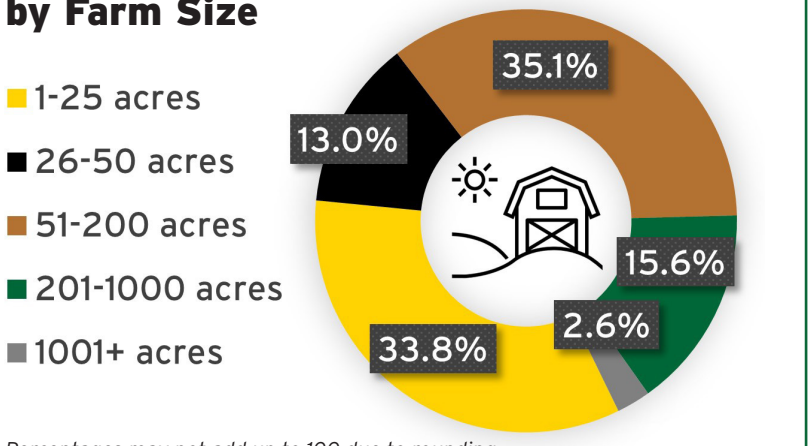
- 10,761 total acres planned
- 77 farmers received plans in 2022
- 57 farm plans included animals
- 1,146 fields received fertility recommendations (recs)
- 359 fields received manure recs
- 3 fields required Phosphorus Management Tool (PMT) calculation
- 2 operators required PMTs
- 329 multi-year plan acres
- 17 farmers received a multi-year plan

* Plans written in previous years, but covering 2022 are not included.

Percent of Plans with Complex Features



Percent of Plans by Farm Size



Percentages may not add up to 100 due to rounding

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Nutrient Management in Howard County

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FY 2022 UME Nutrient Management by the Numbers

- 5,865 total total acres planned
- 40 farmers received plans in 2022
- 29 farm plans included animals
- 494 fields received fertility recommendations (recs)
- 181 fields received manure recs
- 447 multi-year plan acres
- 12 farmers received a multi-year plan

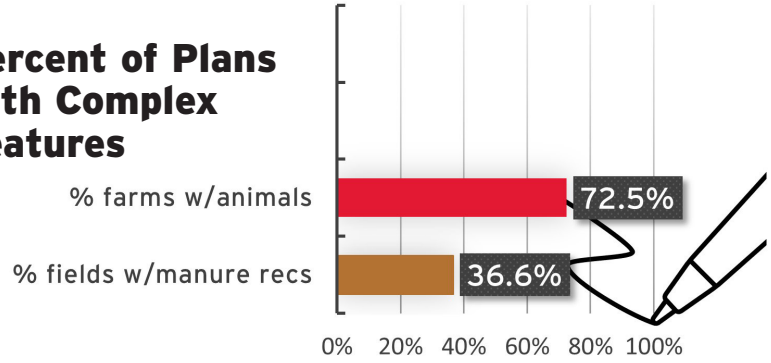
* Plans written in previous years, but covering 2022 are not included.

Percent of Plans Written Out of Total Acreage in the County

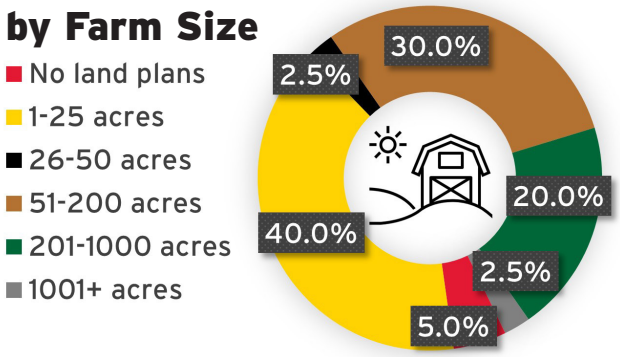
- 43% of planted acres
- 50% of farmers including multi-year plans

**Percentages calculated based on 2018 AIR data*

Percent of Plans with Complex Features



Percent of Plans by Farm Size



Percentages may not add up to 100 due to rounding

In a 2023 survey of 336 producers located throughout Maryland, 89% of farmers indicated they were satisfied or very satisfied with the quality of the nutrient management plan and 86% were satisfied or very satisfied with the timeliness of the nutrient management plan.

Learn more at go.umd.edu/anmp

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Nutrient Management in Kent County

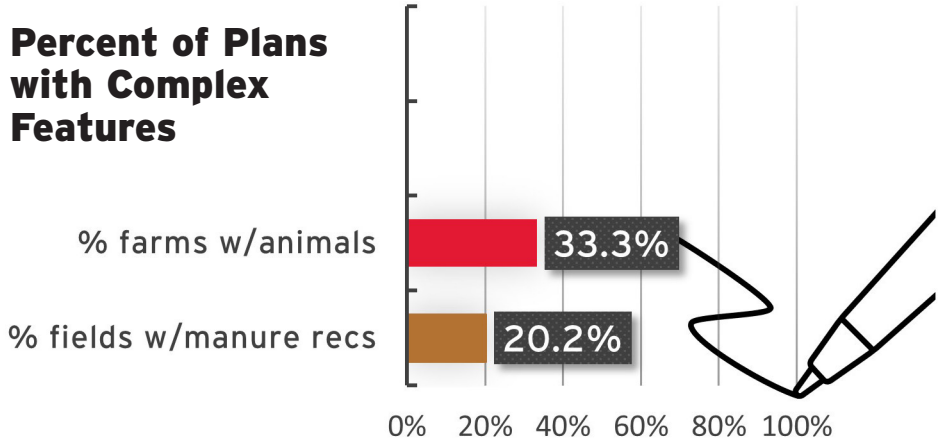
The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

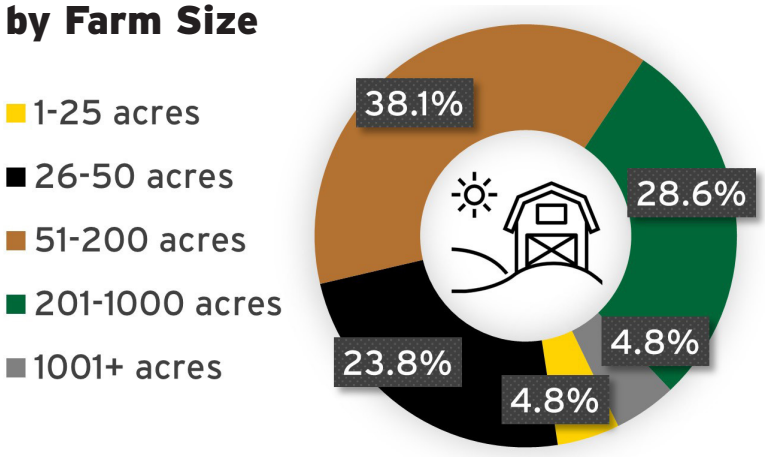
- 4,559 total acres planned
- 21 farmers received plans in 2022
- 7 farm plans included animals
- 203 fields received fertility recommendations (recs)
- 41 fields received manure recs
- 110 multi-year plan acres
- 2 farmers received a multi-year plan

* Plans written in previous years, but covering 2022 are not included.

Percent of Plans with Complex Features



Percent of Plans by Farm Size



Percentages may not add up to 100 due to rounding

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UNIVERSITY OF MARYLAND EXTENSION | AgFS Agriculture & Food Systems

Nutrient Management in Montgomery County

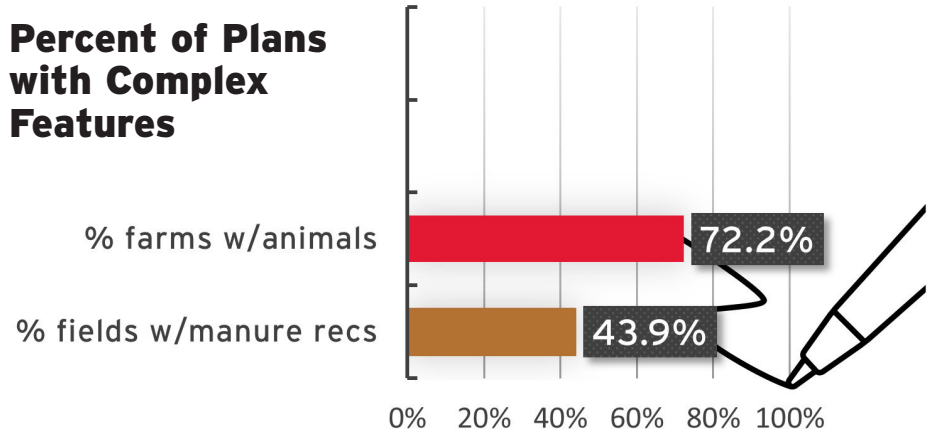
The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

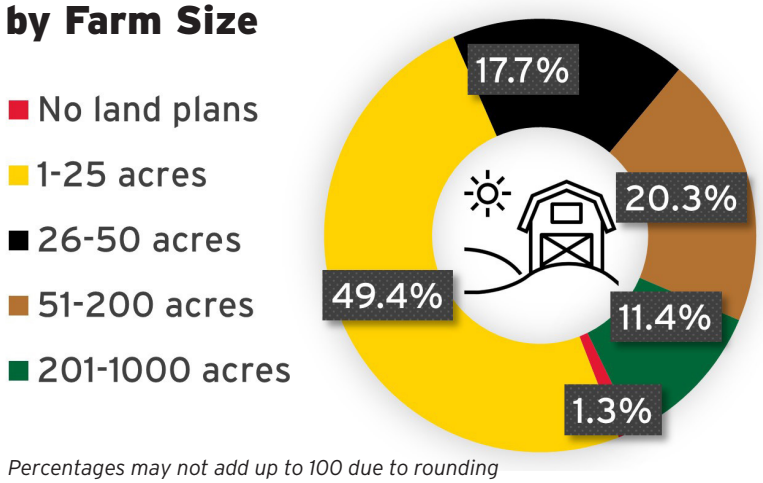
- 6,689 total acres planned
- 79 farmers received plans in 2022
- 57 farm plans included animals
- 608 fields received fertility recommendations (recs)
- 267 fields received manure recs
- 1,848 multi-year plan acres
- 48 farmers received a multi-year plan

* Plans written in previous years, but covering 2022 are not included.

Percent of Plans with Complex Features



Percent of Plans by Farm Size



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Nutrient Management in Prince George's County

The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

- 5,138 total acres planned
- 37 farmers received plans in 2022
- 20 farm plans included animals
- 378 fields received fertility recommendations (recs)
- 7 fields received manure recs
- 1,125 multi-year plan acres
- 21 farmers received a multi-year plan

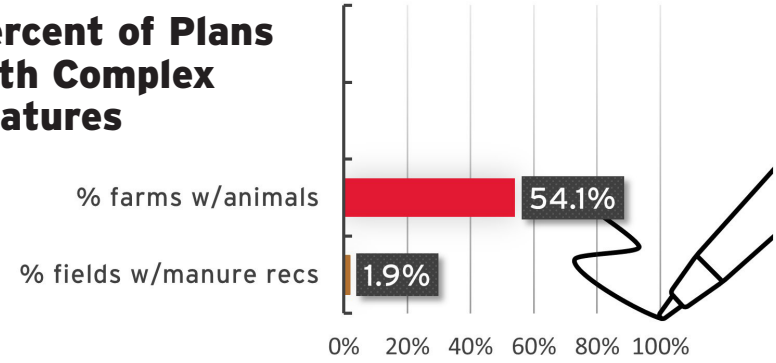
* Plans written in previous years, but covering 2022 are not included.

Percent of Plans Written Out of Total Acreage in the County

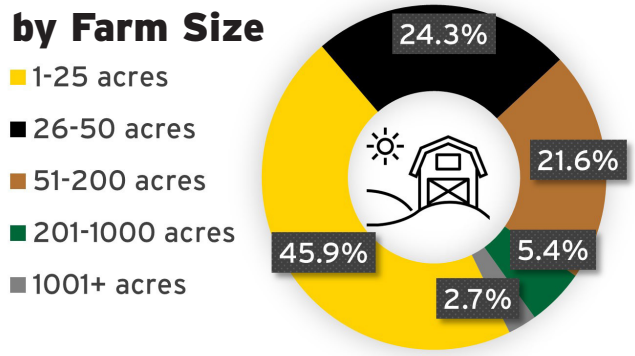
- 45% of planted acres
- 65% of farmers including multi-year plans

**Percentages calculated based on 2018 AIR data*

Percent of Plans with Complex Features



Percent of Plans by Farm Size



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Nutrient Management in Queen Anne's County

The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

- 30,157 total acres planned
- 75 farmers received plans in 2022
- 35 farm plans included animals
- 1,297 fields received fertility recommendations (recs)
- 161 fields received manure recs
- 19 fields required Phosphorus Management Tool (PMT) calculation
- 7 operators required PMTs
- 7,290 multi-year plan acres
- 36 farmers received a multi-year plan
- 6 Concentrated Animal Feeding Operation/Maryland Animal Feeding Operation (CAFO/MAFO)

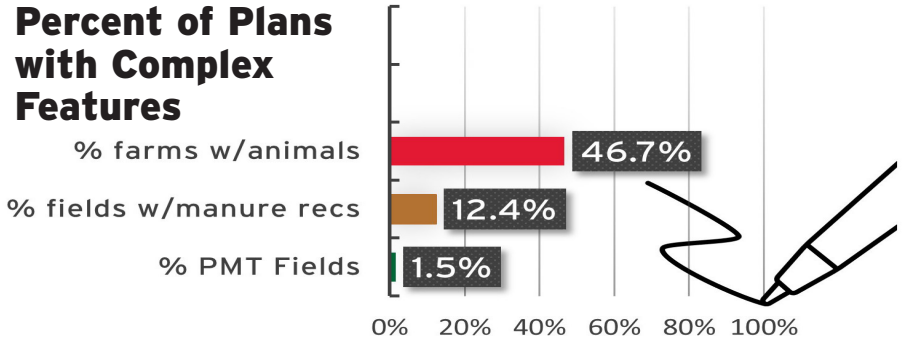
* Plans written in previous years, but covering 2022 are not included.

Percent of Plans Written Out of Total Acreage in the County

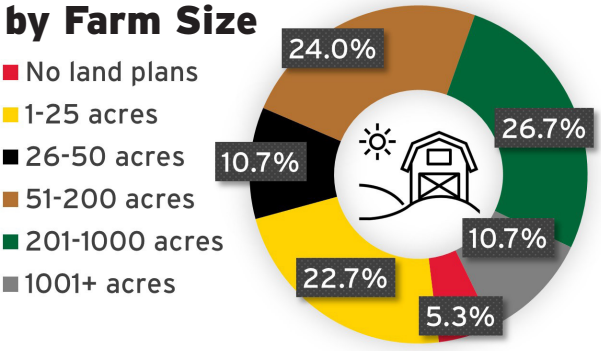
- 25% of planted acres
- 85% Zero-Acreage plans
- 50% of Farmers

**Percentages calculated based on 2021 AIR data*

Percent of Plans with Complex Features



Percent of Plans by Farm Size



Percentages may not add up to 100 due to rounding

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Nutrient Management in Somerset County

The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

- 10,180 total acres planned
- 66 farmers received plans in 2022
- 43 farm plans included animals
- 970 fields received fertility recommendations (recs)
- 92 fields received manure recs
- 161 fields required Phosphorus Management Tool (PMT) calculation
- 10 operators required PMTs
- 854 multi-year plan acres
- 33 farmers received a multi-year plan
- 38 Concentrated Animal Feeding Operation/Maryland Animal Feeding Operation (CAFO/MAFO)

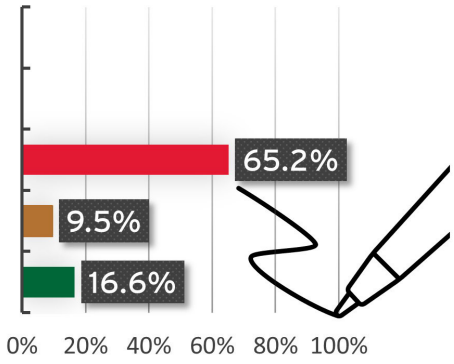
* Plans written in previous years, but covering 2022 are not included.

Percent of Plans Written Out of Total Acreage in the County

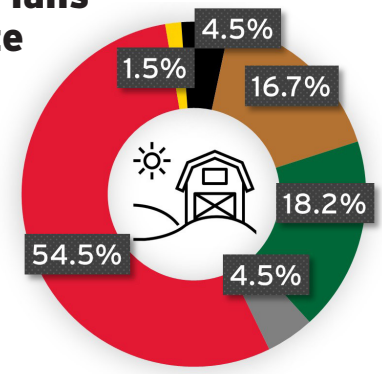
- 33% of planted acres
- 79% of farmers including multi-year plans

**Percentages calculated based on 2018 AIR data*

Percent of Plans with Complex Features



Percent of Plans by Farm Size



Percentages may not add up to 100 due to rounding

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Nutrient Management in St. Mary's County

The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

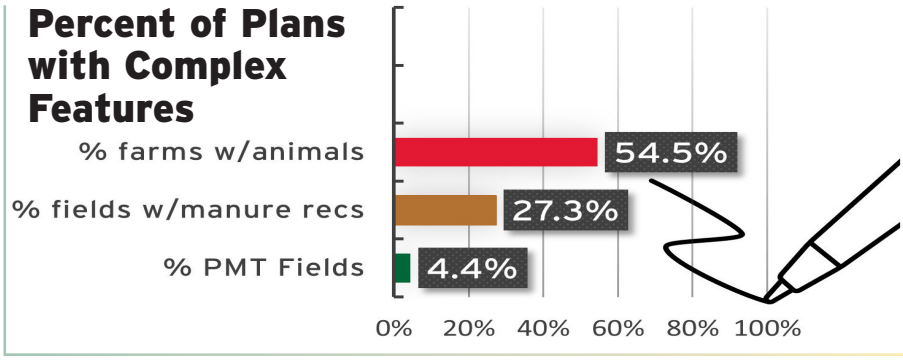
- 14,740 total acres planned in 2022
- 99 farmers received plans in 2022
- 54 farm plans included animals
- 1,604 fields received fertility recommendations (recs)
- 438 fields received manure recs
- 71 fields required Phosphorus Management Tool (PMT) calculation
- 25 operators required PMTs
- 2,447 multi-year plan acres for 32 farmers
- 47 plans required for cost share
- 4,453 manure transport project acres

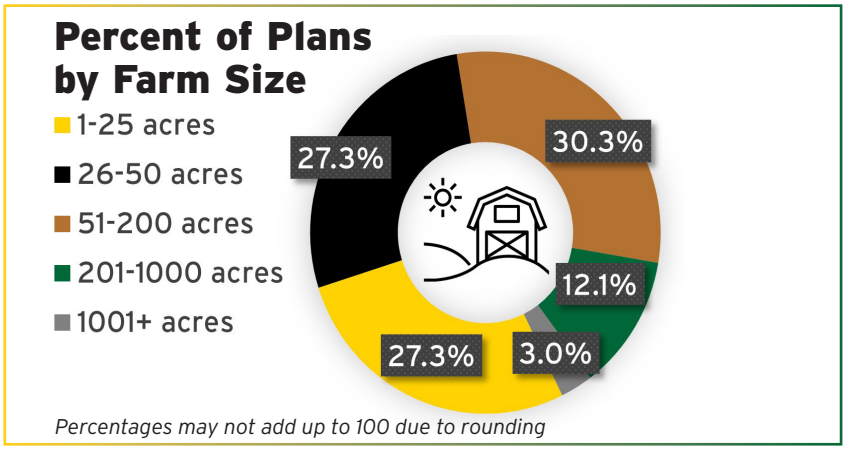
* Plans written in previous years, but covering 2022 are not included.

Percent of Plans Written Out of Total Acreage in the County

- 92% of farmers
- 58% of planned acres (18,411 acres)

**Percentages calculated based on 2018 MDA AIR data, farmers served in the last 3 years by UME and total 2022 and multi-year plan data.*





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Nutrient Management in Talbot County

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FY 2022 UME Nutrient Management by the Numbers

- 34,332 total acres planned
- 63 farmers received plans in 2022
- 18 farm plans included animals
- 1,635 fields received fertility recommendations (recs)
- 205 fields received manure recs
- 78 fields required Phosphorus Management Tool (PMT) calculation
- 7 operators required PMTs
- 126 multi-year plan acres
- 5 farmers received a multi-year plan
- 2 Concentrated Animal Feeding Operation/Maryland Animal Feeding Operation (CAFO/MAFO)

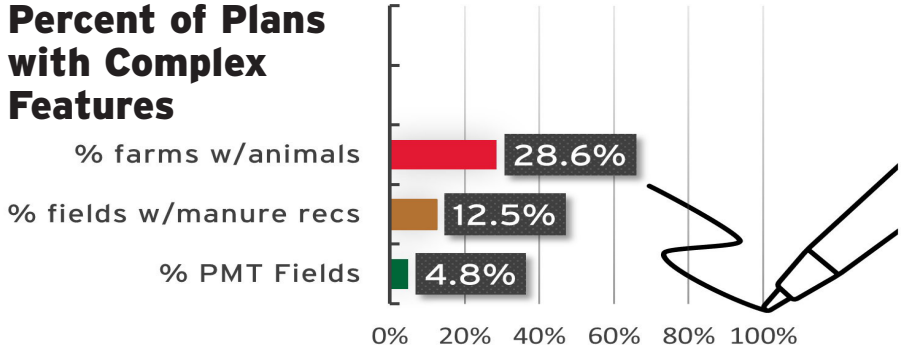
* Plans written in previous years, but covering 2022 are not included.

Percent of Plans Written Out of Total Acreage in the County

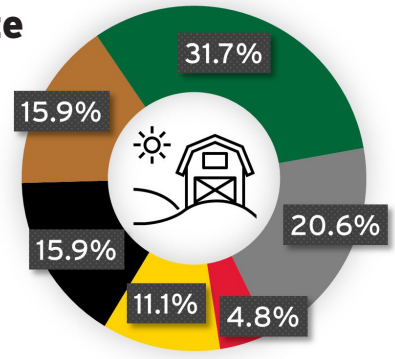
- 50% of planted acres
- 51% of farmers including multi-year plans

**Percentages calculated based on 2018 AIR data*

Percent of Plans with Complex Features



Percent of Plans by Farm Size



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Nutrient Management in Washington County

The University of Maryland's Agricultural Nutrient Management Program focuses on balancing nutrient applications with crop requirements to optimize crop production while reducing pollution in the Chesapeake Bay. This Program has provided nutrient management planning services to Maryland farmers for over 30 years **FREE** of charge. A local Extension Agent reviews each plan.

FY 2022 UME Nutrient Management by the Numbers

- 31,073 total acres planned
- 154 farmers received plans in 2022
- 123 farm plans included animals
- 2,245 fields received fertility recommendations (recs)
- 1,484 fields received manure recs
- 2,371 multi-year plan acres
- 30 farmers received a multi-year plan

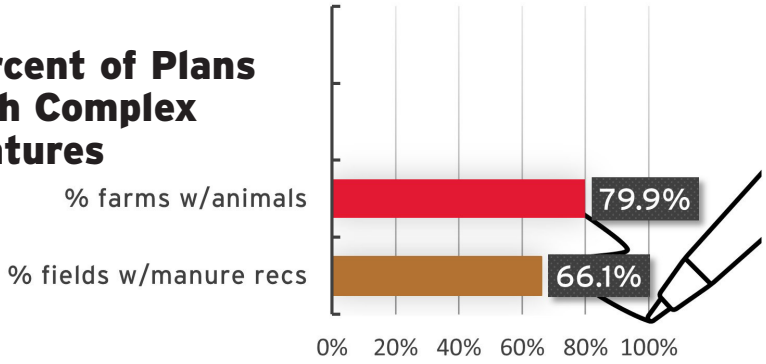
* Plans written in previous years, but covering 2022 are not included.

Percent of Plans Written Out of Total Acreage in the County

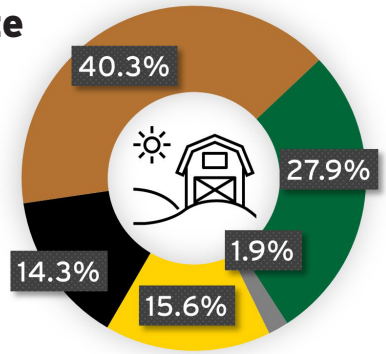
- 40% of planted acres
- 50% of farmers including multi-year plans

**Percentages calculated based on 2018 AIR data*

Percent of Plans with Complex Features



Percent of Plans by Farm Size



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Nutrient Management in Wicomico County

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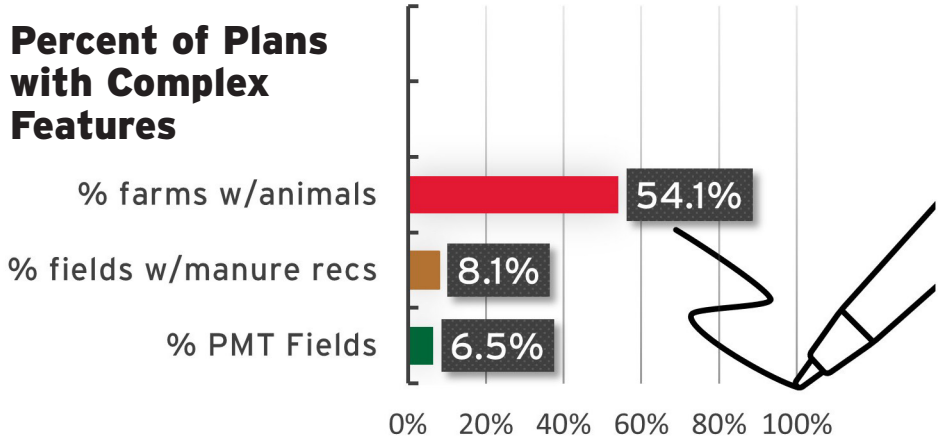
FY 2022 UME Nutrient Management by the Numbers

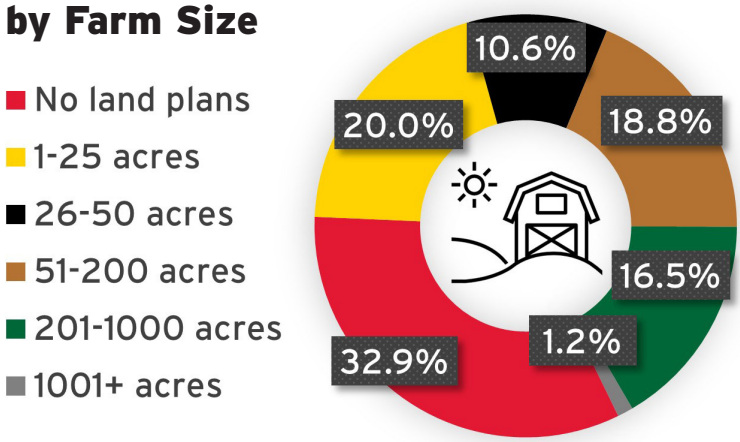
- 10,826 total acres planned
- 85 farmers received plans in 2022
- 46 farm plans included animals
- 890 fields received fertility recommendations (recs)
- 72 fields received manure recs
- 58 fields required Phosphorus Management Tool (PMT) calculation
- 8 operators required PMTs
- 1,605 multi-year plan acres
- 43 farmers received a multi-year plan
- 34 Concentrated Animal Feeding Operation/Maryland Animal Feeding Operation (CAFO/MAFO)

* Plans written in previous years, but covering 2022 are not included.

Percent of Plans with Complex Features



Percent of Plans by Farm Size



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Nutrient Management in Worcester County

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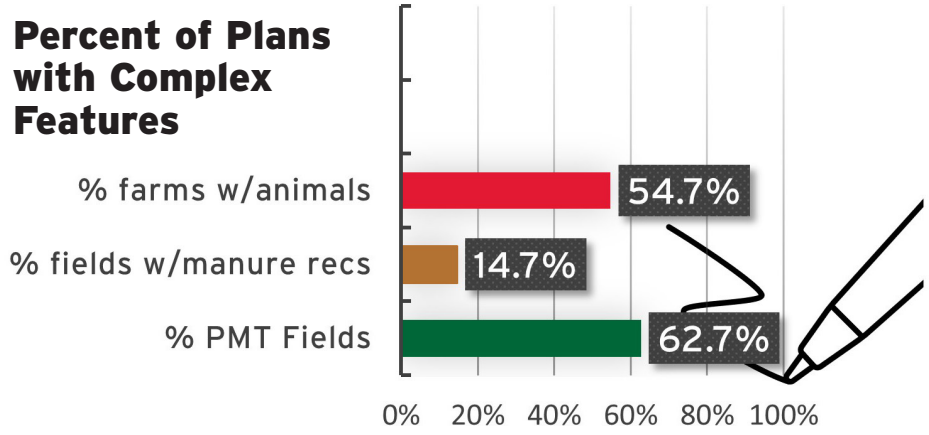
FY 2022 UME Nutrient Management by the Numbers

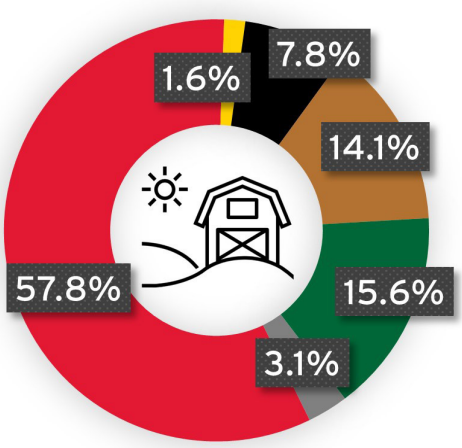
- 9,492 total acres planned
- 64 farmers received plans in 2022
- 35 farm plans included animals
- 708 fields received fertility recommendations (recs)
- 104 fields received manure recs
- 444 fields required Phosphorus Management Tool (PMT) calculation
- 14 operators required PMTs
- 306 multi-year plan acres
- 31 farmers received a multi-year plan
- 29 Concentrated Animal Feeding Operation/Maryland Animal Feeding Operation (CAFO/MAFO)

* Plans written in previous years, but covering 2022 are not included.

Percent of Plans with Complex Features



Percent of Plans by Farm Size



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