

Pinal County Agricultural Best Management Practices 2024 Crop Operation Survey

Name of Commercial Farm: _____

Responsible Person: _____

Mailing Address: _____

City/State/Zip Code: _____

Physical Location of Farm Office (if different from above): _____

Email Address: _____

Phone: _____ Fax: _____

INSTRUCTIONS

- Provide all information relevant to commercial farmland located in the West Pinal County PM₁₀ Nonattainment Area. Scan on the QR code on the right or follow the below link to determine if an address is located in the nonattainment area (bit.ly/AgBMPMap).
- Responses should correspond to those BMPs utilized for the majority of the time between January 1, 2024 and December 31, 2024.
- The “Responsible Person” listed above should be the commercial farmer responsible for preparation and implementation of your BMP program.
- For Crop-Specific BMP Categories (I and II), select each BMP used. Indicate the crops on which each BMP is used by writing the corresponding Crop Code in the space provided. If the BMP is used on all crops, circle “all crops.”
- For Non-Crop-Specific BMP Categories (III-VI), select each BMP used.
- High Risk Dust Generation Days BMPs must only be selected if you have not selected one of the underlined BMPs.
- Please refer questions to Rusty Van Leuven at rvanleuven@azda.gov or (602) 361-4639. BMP information is also available in the Guide to Agricultural PM₁₀ Best Management Practices at: <https://tinyurl.com/AgBMP-Guide>. The guide and copies of the survey can be found on the Dept. of Agriculture’s website, <https://agriculture.az.gov/trainingassistance/agriculture-air-quality>.
- Complete the Agricultural Best Management Practices Three-Year Expanded Survey and return to the Arizona Department of Agriculture, ATTN: Rusty Van Leuven, 1802 W. Jefferson St. #78, Phoenix, AZ 85007, email rvanleuven@azda.gov. **Submit by March 31, 2025.**



bit.ly/AgBMPMap

I certify that my operation complied with the requirements of the Agricultural Best Management Practices.

Signature of Responsible Person: _____ Date: _____

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CROP CODES: For each crop listed below, use the letter as listed for each crop. Report the total acreage grown for the crop year.

- A. Alfalfa (existing): _____
- B. Alfalfa (new plant): _____
- C. Bermudagrass: _____
- D. Corn: _____
- E. Corn Silage: _____
- F. Cotton: _____
- G. Grain Crops: _____
- H. Melons: _____
- I. Ornamentals: _____
- J. Trees (fruit or nut): _____
- K. Vegetables: _____
- L. Fallow: _____
- M. Other: _____ Acres: _____

Please fill in requested information below:

Total Miles of Commercial Unpaved Roads: _____

Total Acres of Unpaved Vehicle/Equipment Acres: _____

Total Farm Acres: _____

Total Fallow Acres: _____

Total Non-Cropland Acres: _____

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Crop-Specific BMP Categories CATEGORY I: Tillage

Super Tillage BMP:

Selecting Reduced Tillage System or Conservation Tillage will eliminate the requirement of selecting BMPs in Category II (Ground Operations and Harvest) and Category V (Cropland).

- Reduced Tillage System ALL CROPS | CROP CODES: _____
- Conservation Tillage ALL CROPS | CROP CODES: _____

Otherwise select at least **TWO** of the following:

- Combining Tractor Operations ALL CROPS | CROP CODES: _____
- Equipment Modification ALL CROPS | CROP CODES: _____
- Multi-year Crop ALL CROPS | CROP CODES: _____
- Cessation of Night Tillage ALL CROPS | CROP CODES: _____
- Planting Based on Soil Moisture ALL CROPS | CROP CODES: _____
- Precision Farming ALL CROPS | CROP CODES: _____
- Tillage Based on Soil Moisture ALL CROPS | CROP CODES: _____
- Timing of Tillage Operation ALL CROPS | CROP CODES: _____
- Transgenic Crops ALL CROPS | CROP CODES: _____
- Transplanting ALL CROPS | CROP CODES: _____

High Risk Dust Generation Days BMP: On the days before and during a high-risk dust forecast, one of the above underlined BMPs must be implemented. **If you have not implemented an underlined Category I BMP**, the BMP below ***must*** be selected and implemented:

- Limited Tillage Activity (only on the day forecast to be high risk for dust generation)

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CATEGORY II: Ground Operations and Harvest

Select at least **TWO** of the following:

- Combining Tractor Operations ALL CROPS | CROP CODES: _____
- Equipment Modification ALL CROPS | CROP CODES: _____
- Chemical Irrigation ALL CROPS | CROP CODES: _____
- Green Chop ALL CROPS | CROP CODES: _____
- Integrated Pest Management ALL CROPS | CROP CODES: _____
- Multi-year Crop ALL CROPS | CROP CODES: _____
- Precision Farming ALL CROPS | CROP CODES: _____
- Reduced Harvest Activity ALL CROPS | CROP CODES: _____
- Transgenic Crops ALL CROPS | CROP CODES: _____
- Shuttle System/Larger Carrier ALL CROPS | CROP CODES: _____

High Risk Dust Generation Days BMP: On the days before and during a high-risk dust forecast, one of the above underlined BMPs must be implemented. **If you have not implemented an underlined Category II BMP, the BMP below MUST be selected and implemented:**

- Limited Tillage Activity (only on the day forecast to be high risk for dust generation)

Non-Crop-Specific BMP Categories CATEGORY III: Non-Cropland

Select at least **TWO** of the following:

- Access Restriction
- Aggregate Cover
- Wind Barrier
- Critical Area Planting
- Organic Material Cover
- Reduce Vehicle Speed
- Synthetic Particulate Suppressant
- Watering

High Risk Dust Generation Days BMP: On the days before and during a high-risk dust forecast, one of the above underlined BMPs must be implemented. **If you have not implemented an underlined Category III BMP, the BMP below MUST be selected and implemented:**

- Watering on a High-Risk Day (only on the day forecast to be high risk for dust generation)

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CATEGORY IV: Commercial Farm Roads

Select at least **TWO** of the following:

- Access Restriction
- Reduce Vehicle Speed
- Track-out Control System
- Aggregate Cover
- Synthetic Particulate Suppressant
- Watering
- Organic Material Cover

High Risk Dust Generation Days BMP. On the days before and during a high-risk dust forecast, one of the above underlined BMPs must be implemented. **If you have not implemented an underlined Category IV BMP, ONE BMP below MUST be selected and implemented:**

- Watering on a High-Risk Day (only on the day forecast to be high risk for dust generation).*
- Roads are stabilized as determined by the silt content test method
- Wind Barrier

*Only required if taking greater than 20 trips per day on the commercial farm road.

CATEGORY V: Cropland

(Includes land that is between final harvest and plant emergence, has been tilled in a prior year and suitable for crop production but is currently fallow, or is a turn-row.)

Select at least **TWO** of the following:

- Wind Barrier
- Cover Crop
- Cross-wind ridges
- Chips/mulches
- Sequential Cropping
- Residue Management
- Surface Roughening

High Risk Dust Generation Days BMP: On the days before and during a high-risk dust forecast, **ONE of the above underlined BMPs MUST be implemented.**

And select at least **ONE** of the following:

- Multi-year Crop
- Permanent Cover
- Stabilization of soil prior to plant emergence

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CATEGORY VI: Significant Agricultural Earth Moving Activities

(Required only when moving a significant amount of ground. See *Guide to Agricultural PM₁₀ Best Management Practices* for more information.)

Select at least ONE of the following:

- Apply water prior to significant agricultural earth moving activities and/or time to coincide with precipitation.
- Apply water during significant agricultural earth moving activities.
- Limit significant agricultural earth moving activities on a day identified by Pinal County Dust Control forecast to be high risk for dust generation.
- Conduct significant earth moving activities in a manner to reduce a minimum of one ground operation by using equipment that is the most efficient means of moving the soil.

Please return the completed 2024 Survey and return to the Arizona Department of Agriculture, ATTN: Rusty Van Leuven, 1802 W. Jefferson St. #78, Phoenix, AZ 85007, or submit via email at rvanleuven@azda.gov. **Submit by March 31, 2025.**