

**Pinal County Agricultural Best Management Practices
20_ Crop Operation Mandatory Three Year Expanded Survey**

Name of Commercial Farm: _____

Responsible Person: _____

Mailing Address: _____

City/State/Zip Code: _____

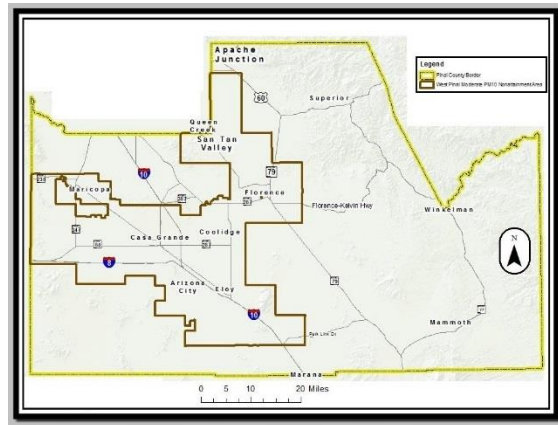
Physical Location of Farm Office (if different from above): _____

Email Address: _____

Phone: _____ Fax: _____

INSTRUCTIONS

- Provide all information relevant to commercial farmland located in the West Pinal County PM10 Non-Attainment Area. 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.
- Complete the Agricultural Best Management Practices Three Year Expanded Survey and return to the Arizona Department of Agriculture, care of Rusty Van Leuven, 1688 W. Adams St., Phoenix, AZ 85007, email rvanleuven@azda.gov, or fax (602) 364-0830. Submit by January 31.



West Pinal PM10 Non-Attainment Area Map

For BMP information and definitions, refer to the ***Guide to Agricultural PM10 Best Management Practices*** at <https://agriculture.az.gov/sites/default/files/Pinal%20County%20Crop%20PM10%20Best%20Management%20Practices%20Guide%20-%20AZ%20Dept%20of%20Ag.pdf>

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

Signature of Responsible Person: _____ Date: _____

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Pinal County Agricultural Best Management Practices: 20__ Mandatory Three Year Expanded Survey

CROP CODES: Report the total acreage grown for previous crop year.

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

Miles of Commercial Unpaved Farm Roads: _____	Total Farm Acres: _____	Total Non-Cropland Acres: _____
Acres of Unpaved Vehicle/Equipment Area: _____	Fallow Acres: _____	

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).

- | | |
|---------------------------------------------------------------|-------------------------------|
| <input type="checkbox"/> <u>Reduced Tillage System</u> | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> <u>Conservation Tillage</u> | ALL CROPS CROP CODES: _____ |

Otherwise select at least one of the following:

- | | |
|-----------------------------------------------------------------|-------------------------------|
| <input type="checkbox"/> Combining Tractor Operations | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> Equipment Modification | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> <u>Multi-year Crop</u> | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> Cessation of Night Tillage | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> <u>Planting Based on Soil Moisture</u> | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> Precision Farming | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> <u>Tillage Based on Soil Moisture</u> | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> Timing of Tillage Operation | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> Transgenic Crops | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> 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:**

- | |
|------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Limited Tillage Activity (only on the day forecast to be high risk for dust generation) |
|------------------------------------------------------------------------------------------------------------------|

CATEGORY II: Ground Operations and Harvest

Select at least one of the following:

- | | |
|------------------------------------------------------------|-------------------------------|
| <input type="checkbox"/> Combining Tractor Operations | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> Equipment Modification | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> Chemical Irrigation | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> <u>Green Chop</u> | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> <u>Integrated Pest Management</u> | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> <u>Multi-year Crop</u> | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> Precision Farming | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> Reduced Harvest Activity | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> Transgenic Crops | ALL CROPS CROP CODES: _____ |
| <input type="checkbox"/> 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:**

- | |
|------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> 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 one 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)

CATEGORY IV: Commercial Farm Roads

Select at least one 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, 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)*
- 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 one 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

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