



20 Agricultural Best Management Practices General Permit Record
Crop Operations – Pinal County PM10 Non-Attainment Area

Name of Commercial Farm: Phone:
Name of Commercial Farmer: Email:
Mailing or Physical Address of Commercial Farm:

Complete Form annually by March 31st and retain on facility. Provide Form within two business days of notice to the Arizona Department of Environmental Quality only when requested.

Select Best Management Practices (BMP) as indicated by Category. (Underlined BMPs also count as high risk day BMPs in each specified category.) Refer to the Guide to Agricultural PM10 Best Management Practices for BMP information and definitions.

CATEGORY 1: 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
Conservation Tillage

Otherwise select at least two\* of the following:

- Combining Tractor Operations
Equipment Modification
Multi-year Crop
Cessation of night tillage
Planting Based on Soil Moisture
Precision Farming
Tillage Based on Soil Moisture
Timing of Tillage Operation
Transgenic Crops
Transplanting

High Risk Dust Generation Days BMP:

On the day before and during the day that is forecast to be high risk for dust generation by the Pinal County Dust Control Forecast a farmer must ensure that one the above underlined BMPs in category I is selected and is being implemented. If not implementing one of the underlined BMPs then the BMP below must be selected and implemented on a Pinal County high risk dust generation forecast:

- Limited Tillage Activity0

0Implemented only on the day forecast to be high risk for dust generation.

CATEGORY II: Ground Operations and Harvest

Select at least two\* of the following:

- Combining Tractor Operations
Equipment Modification
Chemical Irrigation
Green Chop
Integrated Pest Management
Multi-Year Crop
Precision Farming
Reduced Harvest Activity
Transgenic Crops
Shuttle System/Larger Carrier

High Risk Dust Generation Days BMP:

On the day before and during the day that is forecast to be high risk for dust generation by the Pinal County Dust Control Forecast a farmer must ensure that one the above underlined BMP's in Category II is selected and is being implemented. If not implementing one of the underlined BMPs, then the BMP below must be selected and implemented on a Pinal County high dust generation forecast:

- Limited Harvest Activity0

0Implemented only on the day forecast to be high risk for dust generation.

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 day before and on during the day that is forecast to be high risk for dust generation by the Pinal County Dust Control Forecast a farmer must ensure that one of the above underlined BMP's is being implemented. If not implementing one of the underlined BMPs, then the BMP below must be selected and implemented on a Pinal County high risk dust generation forecast:

- Watering on a High Risk Day0

0Implemented only on the day forecast to be high risk for dust generation.

Note: On each day that traffic accounts for 50 or more vehicle daily trips, or 20 or more vehicle daily trips with 3 or more axles, within an unpaved vehicle or equipment traffic area, the opacity of emissions shall be limited to no more than 20% measured according to 40 CFR 60, Appendix A, Reference Method 9.\*

\* Denotes a rule change adopted in 2021

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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 day before and during the day that is forecast to be high risk for dust generation by the Pinal County Dust Control Forecast a farmer must ensure that one the above BMP's in category IV is selected and is being implemented. If not implementing one of the underlined BMPs, then the BMP below must be selected and implemented on a Pinal County high risk dust generation forecast:

- Watering on a High Risk Day<sup>0</sup>
- Roads are stabilized as determined by the silt content method<sup>0</sup>
- Wind Barrier<sup>0</sup>

<sup>0</sup>Implemented only on the day forecast to be high risk for dust generation.

**CATEGORY V: Cropland**

Select at least two\* of the following:

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

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 two\* 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

\* Denotes a rule change adopted in 2021

Signature:

Date:

Complete Form annually by March 31<sup>st</sup> and retain on farm. Provide form to Arizona Department of Environmental Quality (ADEQ), only when requested and within two business days of receiving notice from ADEQ