

MDAQMD – Rule 411

Conservation Management Practices for Agricultural Operations Rule



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&
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MDAQMD Rule Making

- Rule was developed in December of 2020
- District given authority due to Federal Non-Attainment designation for PM10 in Southern San Bernardino County
- Rule was Adopted August 23rd



Applicability

- Agricultural operations located within MDAQMD with:
 - Growers with 40 acres of producing land with at least 5 residences within $\frac{1}{4}$ mile of the property
 - Growers with 100 acres in production if there are less than 5 separate residences or businesses within $\frac{1}{4}$ mile.



Requirements

- Growers will then be required to complete, maintain and make available a CMP Plan for each site
 - Must choose one option from each CMP category to implement at your operation
- No submission requirements
- No applicable fee to Air District



CONSERVATION MANAGEMENT PRACTICES SAMPLE PLAN

Farm Name	Click or tap here to enter text.
Owner/Operator	Click or tap here to enter text.
Phone Number	Click or tap here to enter text.
Total Farm Acreage	Click or tap here to enter text.
Address	Click or tap here to enter text.
Canal and Gate	Click or tap here to enter text.
Crossroads	Click or tap here to enter text.

Select one or more Conservation Management Practice (CMP) from each of the following categories.

Please refer to MDAQMD Rule 411 – *Conservation Management Practices for Agricultural Operations* for complete requirements and clarification.

Land Preparation and Cultivation §(F)(1) Choose at least one (1)	
<input type="checkbox"/>	Alternative Tilling
<input type="checkbox"/>	Bed/Row Size Spacing
<input type="checkbox"/>	Chemigation/Fertigation
<input type="checkbox"/>	Conservation Irrigation
<input type="checkbox"/>	Cover Crops
<input type="checkbox"/>	Equipment Changes;
<input type="checkbox"/>	Fallow Land ¹
<input type="checkbox"/>	Integrated Pest Control
<input type="checkbox"/>	Mulching
<input type="checkbox"/>	Night Farming
<input type="checkbox"/>	Non-Tillage/Chemical Tillage
<input type="checkbox"/>	Organic Pesticides
<input type="checkbox"/>	Precision Farming (GPS)
<input type="checkbox"/>	Transgenic Crops
<input type="checkbox"/>	other Click or tap here to enter text.

Harvest Activities §(F)(2) Choose at least one (1)	
<input type="checkbox"/>	Baling/Large Bales
<input type="checkbox"/>	Combined Operations
<input type="checkbox"/>	Equipment Changes/Technological Improvements
<input type="checkbox"/>	Green Chop
<input type="checkbox"/>	Hand Harvesting
<input type="checkbox"/>	Fallow Land
<input type="checkbox"/>	Night Harvesting
<input type="checkbox"/>	No Burning
<input type="checkbox"/>	Pre-Harvesting Soil Preparation
<input type="checkbox"/>	Shed Packing
<input type="checkbox"/>	Shuttle System/Large Carrier
<input type="checkbox"/>	Other Click or tap here to enter text.



Land Prep & Cultivation

- Alternative Tilling
- Bed/Row Sizing & Spacing
- Conservation Irrigation
- Cover Crops
- Equipment Changes
- IPM
- Precision Farming



Harvest Activities

- Bailing/Large Bails
- Combined Operations
- Fallow Land
- Night Harvest
- No Burning
- Pre-Harvesting Soil Prep
- Shuttle System/Large Carrier



Unpaved Roads

- Chips/Mulches/Road Oil/Sand
- Gravel
- Paving
- Speed Limit
- Track-Out
- Water Application
- Field Break



Unpaved Roads – 50 or more VDT, 20 or more VDT with 3 or more Axles

- Apply Chemical Stabilization
- Apply Gravel, crushed asphalt, low silt material minimum 3 inches
- Water Application
- Restricted Unauthorized Vehicle Access



Unpaved Traffic Areas

- Chips/Mulch/Organic Materials/Road Oil/Sand
- Gravel
- Paving
- Restricted Access
- Speed Limit
- Track-Out
- Water Application
- Field Windbreak



Cropland

- Alternative Tilling
- Application Efficiencies
- Bulk Materials Control
- Chemigation
- Fertigation
- Conservation Irrigation
- Integrated Pest Control
- Irrigation Power Units
- Mulching
- No Burning
- Non-Tillage
- Permanent Crops
- Soil Amendments
- Surface Roughening
- Wind Barrier



Windblown Dust

- When preparing a field for planting, minimize time newly tilled soil is smooth and drying by leaving large clods
- Cover crop
- Conservation Tilling
- Crop Residue Management
- Field Windbreaks
- Ridge Roughness
- Wind Barrier



Information

- The Mojave Desert AQMD has posted the CMP Plan template online
- NRCS Funding is available for specific projects
 - Oiling/Watering roads, etc.
 - Robert Hewitt – District Conservationist
(951) 654-7139
- Alan De Salvio – MDAQMD
760-245-1661 Ext. 6726



