



Photo courtesy of NRCS

Enhancement Activities

Enhancement activities refer to actions that provide resource benefits beyond the level prescribed by NRCS Conservation Practice Standards. Once implemented, enhancement activities should result in an observable or measurable improvement to the condition of one or more of the soil, water, air, plant, or animal resources, or provide for more efficient resource utilization and/or energy conservation.

Enhancement Activity Benefits

Enhancement activities associated with Air Resource Management such as implementing residue management plans or pre-season sprayer calibration can result in the following benefits to the producer and the environment:

- Cleaner air
- Improved visibility
- Reduced health risks
- Reduced environmental risks

CSP Payments

You can earn payments by participating in any of the following activities:

- Reduce particulate matter emissions from irrigated cropland by incorporation or mechanical removal of residues from high residue producing annual crops
- Reduce particulate matter emissions from orchards, vineyards, and cane fruits by chipping/mulching, or removal to a composting facility, the annual pruning (100 acre max.)
- Improve the precision of pesticide application and reduce drift by yearly pre-season sprayer calibration and additional calibration as needed.

CSP Enhancements earnings are subject to payment caps. Your actual payment will depend on your CSP Tier level and the number of acres enrolled.



AIR RESOURCE MANAGEMENT (CSP Enhancements)

January 2006

Enhancement Activity Task Sheet

UT-CSP-EAM

Client's Acknowledgement Statement:

I have elected to use the following Air Resource Management activities and understand the requirements of the selected activities (Check all that apply):

- Reduce particulate matter emissions from irrigated cropland by incorporation or mechanical removal of residues from high residue producing annual crops (Worksheet 1)
- Reduce particulate matter emissions from orchards, vineyards, and cane fruits by chipping/mulching, or removal to a composting facility, the annual pruning (100 acre max.) (Worksheet 2)
- Improve the precision of pesticide application and reduce drift by yearly pre-season sprayer calibration and additional calibration as needed (Worksheet 3)

I agree that the following information will be provided to NRCS upon request:

- Written documentation of the activity performed (use attached worksheets or equivalent).
- Copies of dated receipts for equipment or services purchased.

I understand that CSP Enhancements earnings are subject to payment caps and that my actual payments will depend on my CSP Tier level and the number of acres enrolled.

I understand that it is my responsibility to obtain all necessary permits and to comply with all ordinances and laws pertaining to the application of these activities.

Accepted by: /s/ _____ Date: _____

USDA Nondiscrimination Statement

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AIR RESOURCE MANAGEMENT (CSP Enhancements)

Enhancement Activity Task Sheet

January 2006

UT-CSP-EAM

Name:

Worksheet 1 – Reduce particulate matter emissions from irrigated cropland by incorporation or mechanical removal of residues from high residue producing annual crops

Payment = \$48/Acre for incorporating or mechanically removing residue on fields with high residue producing annual crops. Certification requires documentation on how residues were managed.

Use this table to document use of crop residues.

Tract & Field #s or Names	Acres	Crop Residue Use	Date of Residue Action
T486 – 1 or Weston place	40 <i>Example</i>	Residues plowed down	9/15/2005

Crop Residue Use Certification

I certify that I have managed residues by incorporation or mechanical removal on fields listed in the table above.

Name: _____ Date: _____



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Name:

Worksheet 2 – Reduce particulate matter emission from orchards, vineyards, and cane fruits by chipping/mulching, or removal to a composting facility, the annual pruning

Payment = \$96/Acre to dispose of annual pruning by chipping/mulching or removal to a composting facility.

Use this table to document pruning disposal.

Tract & Field #s or Names	Acres	Method of Pruning Disposal	Disposal Date
T1295 – 1 or South Patch	5 <i>Example</i>	Hauled to composting facility	10/20/2004

Pruning Disposal Certification

I certify that I have disposed of the annual pruning from the orchards, vineyards, or cane fruit patches listed above by chipping/mulching or removal to a composting facility.

Name: _____ Date: _____



AIR RESOURCE MANAGEMENT (CSP Enhancements)

Enhancement Activity Task Sheet

January 2006

UT-CSP-EAM

Name: _____

Worksheet 3 – Improve the precision of pesticide application and reduce drift by yearly pre-season sprayer calibration and additional calibration as needed

Payment = \$100/year to conduct a pre-season calibration and additional calibrations as needed. Payment includes making any necessary adjustments or repairs as determined by the calibration.

Inaccurate pesticide application rates, spray patterns, and droplet size can lead to the movement of pesticides from the targeted area and reduce pesticide effectiveness. Proper setup and calibration of your sprayer is necessary for an accurate pesticide application rate. Conduct at least one sprayer calibration per season. Recalibrate the sprayer every time you adjust the application rate (gallons per acre) or change nozzles for a different type of application. Replace worn or leaky nozzles or make other repairs as needed to assure accurate application rates are made. Guidelines for sprayer calibration can be found at the following website: <http://extension.usu.edu/files/agpubs/pesti16.pdf>

Tract & Field #s	Crop Grown	Product applied	Sprayer Type	Date Calibrated
T123 Field 2	Winter Wheat	XXXX <i>Example</i>	Boom sprayer	5/22

Sprayer Calibration Certification

I certify that I conducted a pre-season sprayer calibration and additional calibrations as noted above and made any necessary adjustments or repairs to my sprayer.

Name: _____ Date: _____