

ENERGY MANAGEMENT (CSP Enhancements)

April 2005

Enhancement Activity Information

WV-CSPEEM-TS



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 Energy Management such as converting to bio-fuels or renewable forms of energy, recycling of lubricants, and reducing energy consumption can result in the following benefits:

- New and expanded markets for agricultural feedstock.

- Reduced U.S. dependence on petroleum and other imports of critical materials.
- Diversified agriculture.
- Rural development.
- Clean air and water.

CSP Payments

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

- Conduct an energy audit of agricultural operations and earn \$500.
- Recycle 100% of the on-farm lubricants and earn \$200 per year.
- Use perennial legumes in crop rotation to reduce energy need for production of nitrogen
- Use annual legumes in crop rotation to reduce energy need for production of nitrogen
- Use of manure to supply at least 90% of nutrient needs of plants.
- Reduce machinery field operations and earn up to \$0.90 per acre.
- Use fuels blended with renewable agricultural products(*bio-diesel* and *fuel grade ethanol*) and earn \$125.00 per 500 gallons of the *renewable* fuel component (ex: 2500 gallons of 20% bio-diesel = 500 gallons of renewable fuel for a payment of \$125.00).
- Generate renewable on-farm energy such as solar, wind, geothermal or methane and earn \$2.50 per 100 kWh.
- Reduce energy consumption and earn \$150 for a 5% reduction; \$250 for a 10% reduction and \$500 for a 20% reduction of total BTUs for the agricultural operation.



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Client's Acknowledgement Statement:

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

- Conduct an energy audit of agricultural operations (Worksheet 1)
- Recycle 100% of the on-farm lubricants (Worksheet 2)
- Use perennial legumes in a crop rotation(Worksheet 3)
- Use annual legumes in a crop rotation(Worksheet 4)
- Use of manure to supply at least 90% of nutrient needs of plants (Worksheet 5)
- Reduce energy consumption (Worksheet 6)
- Use fuels blended with renewable agricultural products (Worksheet 7)
- Generate on-farm renewable energy such as solar, wind, geothermal or methane (Worksheet 8)
- Reduce machinery field operations (Worksheet 9)

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: _____ Date: _____

