

Potomac Valley Conservation District Agricultural Enhancement Program Frost Seeding Application

Applicant Information

Name:

Mailing Address:

Telephone:

Email Address:

Application Date:

Farm Information

Conservation District:

County :

Farm Name:

Farm # :

Tract # :

Field # or #'s:

Best Management Practice

Please complete the following information for the Best Management Practice you would like to apply for:

BMP	Limits	Cost-Share Rate	Amount applied for	Crop to be planted
<u>Frost Seeding</u>	Not to exceed 50 acres Seeding must be completed by March 15, 2018. Bills in by May 31, 2018	\$10.00 per acre with a maximum of \$500.00 (50 acre Max)	_____ acres	

Program Eligibility

A. Definition

Frost seeding is an economical method of improving pasture and hay fields by broadcasting the seed on frozen ground. As the ground freezes and thaws, it opens and closes allowing the seed to be incorporated into the soil. This keeps the seed from germinating until there is a good moisture supply early in the spring.

B. Purpose

Frost seeding legumes and grasses is increasingly being used as a means to improve pasture yields or change forage species composition within the pasture. Frost seeding offers several potential advantages. These include the ability to establish forage in an undisturbed sod, a reduced need for labor and energy compared to conventional seeding methods, the ability to establish forages with minimum equipment investment, a shortened "non-grazing" period, and it is a method to maintain stands at productive levels with both grasses and legumes.

C. Policies for Practice

1. Application for this practice will be available **July 10th 2017 through September 1st, 2017.**
2. Applicant must be a District Cooperator.
3. A W-9 tax form will be required with application for District tax purposes.
4. Cost share is available to owner or lessee.
5. Applicant must provide map identifying tract and field along with proposed acreage.
6. Applicants must also provide soil test results for field applied.
7. Soil sample results must be within past 3 yrs.
8. NRCS standards and specs must be followed.
9. Approvals will be final on **first Wednesday of November.**
10. Application approvals will be made based upon availability of funds and based on the ranking form.
11. After approval applicant must follow job sheets provided at the time of signing the contract.
12. Invoices must be submitted by **May 31st 2018.**
13. **Only Legumes** are acceptable for planting.
14. No duplication of federal or state dollars shall be allowable.

D. Payment rates & limits:

1. The cost-share for this practice shall be at a \$10.00 per acre with a maximum of \$500.00.
2. Maximum of 50 acres per applicant.
3. The payment will be made after paid invoices are received, cooperator completes a W-9 form and the AEP committee has made a site visit.
4. No duplication of federal or state cost-share shall be allowed.

E. Practice Specifications

1. All seed must be free of prohibited noxious weed seed and have a minimum germination rate of 80%. If the grower elects to use home grown seed, it must be tested for purity, germination and noxious weeds prior to seeding by a recognized seed laboratory.

By signing this I have read, understand, and agree to the terms and conditions stated in this document.

Farm Name (if applicable): _____

Applicants Signature: _____ **Date:** _____

OFFICE USE ONLY:	
Date Received:	
Time Received:	
Ranking Score:	
If Approved:	
BD Date Approved:	
Contract Expiration Date:	
Application #:	
Verification #:	



West Virginia
Conservation Agency

FY 18 Agricultural Enhancement Program Application Eligibility Form

Applicant Information

Name:

Application Date:

Conservation District/s:

Farm #:

Tract #:

Field #:

(To be completed by staff based on application and supplemental information)

Is the landowner and/or operator holding a seat as a Conservation District Supervisor? ☐ Yes ☐ No

AgEP Best Management Practices

Please check the following Best Management Practices applied for (change practice list to fit CD):

<input type="checkbox"/> Lime	<input type="checkbox"/> Invasive Species	<input type="checkbox"/> Deer Fence
<input type="checkbox"/> Frost Seeding	<input type="checkbox"/> Heavy Use Area Protection	

Program Eligibility

1.	Is the applicant a Conservation District Cooperator?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
2.	Is it a farming operation? (as defined in 63 CSR 1)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
3.	Is applicant the landowner and/or operator?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
4.	If applicant is operator, please check one of the following below: <input type="checkbox"/> copy of lease <input type="checkbox"/> producer information agreement that shows control of the land for the length of the contract		<input type="checkbox"/> No	
5.	Is there documentation to support development of an AgEP Contract? (Maps, soil test, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
6.	Is there a Comprehensive Nutrient Management Plan? (if applicable)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
7.	Do soil test results meet the following recommendations below, if applicable?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
8.	If soil test is required, is it dated within the previous 36 months (3 years) for the practices/fields included in application?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
9.	The fields and BMP's being applied for have not been paid through previous AgEP contracts within the practice lifespan. Select one: Y/N	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

Soil test required for the following practices:

-Critical Area Planting

-Frost Seeding (Is ineligible if pH is 5.5 or less, less than medium score for P & K ineligible))

-Hay and Pasture Re-Seeding (Is ineligible if pH is 5.5 or less, less than medium score for P & K ineligible)

P - lbs/ac	P - PPM	P205 - lbs/ac	K - lbs/ac	K - PPM	K20 - lbs/ac
11 or less	9 or less	27 or less	75 or less	37 or less	120 or less

-Lime

-Nutrient Management (Is ineligible if pH is 5.5 or less and if P and K levels are in high range ineligible)

P - lbs/ac	P - PPM	P205 - lbs/ac	K - lbs/ac	K - PPM	K20 - lbs/ac
36 or higher	18 or higher	82 or higher	176 or higher	89 or higher	212 or higher

-Winter Grazing

Office use only:

Is application eligible? ☐ Yes ☐ No

(Applications are not eligible if answers are marked No)

Informational Only:

Proximity to stream (question for tie-in to 319)

What Watershed does this farm reside in?

63 CSR 1 defines the following:

“Farmer” means a person engaged in the activity of farming with the potential for producing at least one thousand dollars of products per annum from those activities.

“Activity of farming” means the production of food, fiber and woodland products, by means of cultivation, tillage of the soil and by the conduct of animal, livestock, dairy, apiary, equine or poultry husbandry, and the practice of forestry, silviculture, horticulture, or any other plant or animal production and all farm practices related, usual or incidental thereto, including the storage, packing, shipping and marketing, but not including any manufacturing, milling or processing of such products by other than the producer thereof.



West Virginia
Conservation Agency

FY 18 Agricultural Enhancement Program Frost Seeding Ranking Form

Applicant Information

Name:		Farm #:	Tract:
County:		Field #:	

Application Eligibility

Did application meet all of the required questions on the FY 18 Application Eligibility Form? If Yes, please proceed to questions below. If no, Stop.	Yes	No
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General Ranking Questions

(To be completed by staff based on application and supplemental information)		Yes	No	Points
1.	Does a current conservation plan and/or nutrient management plan completed by a certified planner or trained technician exist for the land/practice being requested? (within last 5 years)			Y=5 N=0
2.	Does a forest stewardship plan exist for the land/practice being requested? (within last 10 years) If yes, was the plan completed by a registered forester?			Y=3 N=0
3.	Is the land enrolled in the USDA Farm and Ranch Lands Protection Program?			Y=2 N=0
4.	Is there an NRCS comprehensive nutrient management plan completed by a certified planner?			Y=5 N=0
5.	Is the field and/or practice enrolled in the USDA-NRCS Focused Conservation Approach Area?			Y=0 N=10
6.	Is cooperator a first time or previous non-funded applicant of the Ag Enhancement Program?			Y=20 N=0
7.	If a non-first time applicant, did the cooperator successfully complete all AgEP contracts within the past 24 months?			Y=10 N=0
Total General Ranking Score:				

Frost Seeding Ranking Questions

(To be completed by staff based on the provided Evaluation Tool)					Yes	No	Points	Evaluation Tool
1.	Is the soil pH 6.1 or above?						Y=10 N=0	Soil Test Results
2.	Is the soil pH 6.0 to 5.8?						Y=5 N=0	Soil Test Results
3.	Is the soil pH 5.6 or 5.7?						Y=2 N=0	Soil Test Results
4.	Is the percentage of legumes 30% or less?						Y=15 N=0	Transect
5.	What is the Phosphorus level:							Soil Test Results
	Fertility Rating	P - lbs/ac	P - PPM	P205 - lbs/ac			0	http://www.dcr.virginia.gov/document/standardsandcriteria.pdf Virginia Soil Test Calibrations
	VH	111 or above	56 or above	253 or above			10	
	H+	86-110	43-55	197-252			9	
	H	56-85	28-43	128-195			8	
	H-	36-55	18-28	82-126			7	
	M+	31-35	16-18	71-80			6	
	M	21-30	11-15	48-69			5	
	M-	12-20	6-10	28-46				
(Gaps exist between the fertility ratings because of the conversion from elemental lbs/ac to the phosphate and potash forms. When converting from another lab into the phosphate and potash forms chose the closest Fertility Rating to the converted value.)								
6.	What is the percent of desirable species?							NRCS WV Statewide Pasture Plants List
	Greater than 80						1	
	79-60						2	
	59-40						3	
	39-20						4	
	Less than 19						5	Transect
Total Frost Seeding Ranking Score:								
Total General Ranking Score + Total Frost Seeding Ranking Score:								

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶ _____	
	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>	
	5 Address (number, street, and apt. or suite no.)	Requester's name and address (optional)
	6 City, state, and ZIP code	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number								
			-				-	
or								
Employer identification number								
			-					

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign
Here

Signature of
U.S. person ▶

Date ▶

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

Forage and Biomass Planting

Frost Seeding Legumes

WV Conservation Practice Job Sheet

Code 512



DEFINITION

Establishing legume species within existing stands of grasses.

PURPOSE

- To establish legume species within grassland areas in order to increase forage quality and quantity and also to provide for alternative forms of nitrogen fertilizer for cool season grasses.
- Provides a less expensive option compared to conventional and no-till methods.
- Provide a legume species within a grass dominated stand to provide habitat for wildlife and forage for pollinators.

Legumes supply nitrogen to the grass to maintain yields. This reduces the cost per ton of forage produced. Legumes improve the quality of forage by allowing cattle to eat more forage. Livestock will need less high priced protein and energy supplements. The net return is an increase in the dollars available per animal.

CONDITION WHERE PRACTICE APPLIES

This job sheet pertains to frost seeding legumes into grassland areas in order for improved forage quality. Frost seeding is suited to hayland or pastureland areas that lack legume content. Consider frost seeding legumes on soils with adequate soil pH (>6.0) and good fertility.

ESTABLISHMENT

As with any seeding test and adjust soil fertility and pH, identify and control competing vegetation, use high quality seed of a known variety and ensure good seed to soil contact. Frost seedings use livestock and frost action to control the competing vegetation, prepare the seed bed, cover the seeds, and provide seed to soil contact. If there is not sufficient frost action after applying the seed, allow livestock to walk the pastures to tread the seed into the soil surface. Only do this when the soil is firm so that cattle will not punch the soil and push the seed too deep into the soil. In most cases, good rotational grazing will control most weeds and minimize the need for any herbicides. In the fall, graze the pasture or hay field to remove excess forage growth.

Spread the seed during the winter when freezing and thawing of the ground is producing frost action with ice crystals coming out of the ground. This usually occurs between late January and late February when the snow is off the ground.

SEEDING

If over-seeding is planned every year, apply 2 lb red clover seed/acre/year. This may be doubled to 4 lb per acre on meadows. Since red clover is a biannual, meaning it lives for two years, it may be reseeded every other year. In such a cases increase the seeding rate up to 4 lb per acre on pasture and 8 lb per acre on meadows.

Consider adding 1 lb of ladino clover seed per acre when seeding pastures or hayfields. Ladino clover is a perennial and longer lived than red clover when managed under proper rotational grazing. Annual lespedeza (10-15 lb/acre) and birdsfoot trefoil (4-8 lb/acre) can also be seeded using a frost seeding.

OPERATION AND MAINTENANCE

When properly established and managed, legumes may last in a stand for several years. Maintain legumes by proper harvesting and grazing of forages and clipping excess growth of cool season grasses. Monitor soil fertility by soil sampling once every three years. For more information, contact your local NRCS Office.