

## Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
			<p>This document is provided to further clarify the components used in program cost lists. This provides a brief definition of the components and describes costs associated with carrying out the component that would be allowable for submission for cost share payments. This list of definitions should be used for clarification during program cost share discussions and when making payments and completing payment applications. These lists are not to be used as the basis for resource treatment decisions.</p> <p>All components must be performed in accordance with the practice standard to which they are associated. Practice standards and specifications are located in Section IV of the Field Office Technical Guide. Problems or questions regarding practice standards should be directed to the appropriate technical specialists.</p> <p>Effective use of the cost lists and cost share components requires conservation treatment options which meet the practice criteria as outlined in Section IV of the Field Office Technical Guide (FOTG). Do not put components into contract alternatives without first developing technically sound conservation treatment options. Once a technically sound and feasible treatment is found, then the cost lists, and components therein, can be used to assist producers in carrying out the conservation work. Too often program cost-share and the cost lists are viewed as a mechanism for full reimbursement for the expenses incurred in performing a practice. In actuality, many of the eligible practices will have some components and costs associated with carrying them out that are not eligible for cost-share.</p> <p>If you see errors or have questions concerning these cost lists and the definitions, please document the concerns in writing and forward to the Programs Staff for review.</p>
			<p><b>INCENTIVE PAYMENTS</b> - Incentive payments can only be paid for a change in management. Incentive payments are not allowable for practices that were or are already being carried out at the time of program application.</p>
			<p>Criteria applicable to <b>IRRIGATION SYSTEMS</b> - Cost share shall not be provided for any practice or component (i.e. surge valve, irrigation water conveyance pipelines, or delivery ditches) servicing a surface irrigation system, which exceeds the following limits:</p> <ul style="list-style-type: none"> <li>A maximum average furrow slope of 0.8 feet per 100 feet.</li> <li>A maximum furrow flowrate (GPM) of:                             <ul style="list-style-type: none"> <li>15/<b>s</b> for erosion resistant soils (c, sic, sc, cl);</li> <li>12.5/<b>s</b> for average soils (l, sil, sicl, scl) or</li> <li>10/<b>s</b> for easily eroded soils (sl, fsl, vsl) -</li> </ul>                             where <b>s</b> is equal to the average furrow slope in percent.                         </li> </ul>
			<p><b>USED MATERIALS</b> - When used materials are allowable from a technical standpoint (steel pipe is the only component using used material at this time), the cost share rate will be changed to AA when the payment is made. Refer to the glossary of terms in the FOTG Section I - Cost Data for a description of the various cost share methods. This is also found in the General Manual 120 - Part 404 - Subpart D. Use of used materials is referenced in 404.58C of the General Manual.</p>

### Practice Component Definitions for Program Cost Lists

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12-inch Slide Gate (SG12)	SG12		This cost component is for a steel slide gate that would attach to a metal pipe structure. The cost of attaching this component to the steel pipe structure should be included (i.e. flanges, bolts, nuts, washers, gasket material). This component is usually found in the Structure for Water Control standard - 587. This component is typically installed either in the riser or barrel of canopy drop, pipe drop, or straight pipe structures. The unit cost is based on the turnkey installation of the slide gate.
15-inch Slide Gate (SG15)	SG15		This cost component is for a steel slide gate that would attach to a metal pipe structure. The cost of attaching this component to the steel pipe structure should be included (i.e. flanges, bolts, nuts, washers, gasket material). This component is usually found in the Structure for Water Control standard - 587. This component is typically installed either in the riser or barrel of canopy drop, pipe drop, or straight pipe structures. The unit cost is based on the turnkey installation of the slide gate.
18-inch Slide Gate (SG18)	SG18		This cost component is for a steel slide gate that would attach to a metal pipe structure. The cost of attaching this component to the steel pipe structure should be included (i.e. flanges, bolts, nuts, washers, gasket material). This component is usually found in the Structure for Water Control standard - 587. This component is typically installed either in the riser or barrel of canopy drop, pipe drop, or straight pipe structures. The unit cost is based on the turnkey installation of the slide gate.
24-inch Slide Gate (SG24)	SG24		This cost component is for a steel slide gate that would attach to a metal pipe structure. The cost of attaching this component to the steel pipe structure should be included (i.e. flanges, bolts, nuts, washers, gasket material). This component is usually found in the Structure for Water Control standard - 587. This component is typically installed either in the riser or barrel of canopy drop, pipe drop, or straight pipe structures. The unit cost is based on the turnkey installation of the slide gate.
Aerial Treatment Application (ATA)	ATA		Includes the cost of the aerial application, including equipment (plane, helicopter, etc.) and carriers and all required additives, (diesel, water, surfactant, drift control agent, etc.), used in combination with the herbicide for application. Does not include the cost of the herbicide.
Alfalfa (FL4A, GAA)	GAA	FL4A	Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Alkali Sacaton (AS1)	AS1		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Alkali Sacaton CA (GASA)	GASA		Includes the cost of the seed and the labor and seeding operation (tractor, drill, and associated planting costs).
Animal Control Device/Seeding Protection Netting (ACD)	ACD		Includes the cost of the polyethylene wrap or protection net or tube and the cost of labor for placing the devices.
Anti-Vortex Baffle (AVB, AB1)	AVB	AB1	This cost component includes the cost of materials, labor, and equipment necessary for the complete installation of a vertical Anti-Vortex Baffle and appurtenances (i.e. bolts, nuts, flanges, welding, etc.) on Drop Inlet type structures. This component does not include the canopy for a Canopy Inlet Structure or the anti-vortex baffle for a Hood Inlet Structure. The unit cost is per square foot of material in the baffle.

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Arrowleaf Clover (FL4G)	FL4G		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Austrian Winter Pea (FL4H)	FL4H		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Awnless Bushsunflower (FL5D)	FL5D		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Bahiagrass - CA (GBHA)	GBHA		Includes the cost of the seed and the labor and seeding operation (tractor, drill, and associated planting costs).
Bahiagrass (GBH)	GBH		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Barrel &/or Riser-Aluminized<=12ga (BRA12)	BRA12		This cost component includes the cost of materials, labor, and equipment necessary for the complete installation of the barrel, riser, and appurtenances (i.e. bolts, nuts, hugger bands, gaskets, anti-seep collars, inlets, flange couplers, etc.) for 12 gage or thicker Aluminized Helically Corrugated Steel Pipe. When a riser is used, a separate calculation may be required if the gage of the pipe changes beyond the range of this component. The unit cost is the total cost of installation divided by the diameter of the pipe in inches and by the length of the pipe in feet. Payment is computed by multiplying the inches of diameter of the pipe by the feet of length of the pipe times the unit cost.
Barrel &/or Riser-Aluminized>=14ga (BRA14)	BRA14		This cost component includes the cost of materials, labor, and equipment necessary for the complete installation of the barrel, riser, and appurtenances (i.e. bolts, nuts, hugger bands, gaskets, anti-seep collars, inlets, flange couplers, etc.) for 14 gage or thinner (but not less than 16 gage) Aluminized Helically Corrugated Steel Pipe. When a riser is used, a separate calculation may be required if the gage of the pipe changes beyond the range of this component. The unit cost is the total cost of installation divided by the diameter of the pipe in inches and by the length of the pipe in feet. Payment is computed by multiplying the inches of diameter of the pipe by the feet of length of the pipe times the unit cost.
Barrel &/or Riser-CSP<=12ga (BR12)	BR12		This cost component includes the cost of materials, labor, and equipment necessary for the complete installation of the barrel, riser, and appurtenances (i.e. bolts, nuts, hugger bands, gaskets, anti-seep collars, inlets, flange couplers, etc.) for 12 gage or thicker galvanized Helically Corrugated Steel Pipe. When a riser is used, a separate calculation may be required if the gage of the pipe changes beyond the range of this component. The unit cost is the total cost of installation divided by the diameter of the pipe in inches and by the length of the pipe in feet. Payment is computed by multiplying the inches of diameter of the pipe by the feet of length of the pipe times the unit cost.

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Barrel &/or Riser-CSP>=14ga (BR14)	BR14		This cost component includes the cost of materials, labor, and equipment necessary for the complete installation of the barrel, riser, and appurtenances (i.e. bolts, nuts, hugger bands, gaskets, anti-seep collars, inlets, flange couplers, etc.) for 14 gage or thinner (but not less than 16 gage) galvanized Helically Corrugated Steel Pipe. When a riser is used, a separate calculation may be required if the gage of the pipe changes beyond the range of this component. The unit cost is the total cost of installation divided by the diameter of the pipe in inches and by the length of the pipe in feet. Payment is computed by multiplying the inches of diameter of the pipe by the feet of length of the pipe times the unit cost.
Barrel &/or Riser-Plastic (BRP)	BRP	PP1	This cost component includes the cost of materials, labor, and equipment necessary for the complete installation of the barrel, riser, and appurtenances (i.e. bolts, nuts, glue, gaskets, anti-seep collars, inlets, etc.) for approved Plastic Pipe. The unit cost is the total cost of installation divided by the diameter of the pipe in inches and by the length of the pipe in feet. Payment is computed by multiplying the inches of diameter of the pipe by the feet of length of the pipe times the unit cost.
Barrel &/or Riser-Polymer coated<=12ga (BRC12)	BRC12		This cost component includes the cost of materials, labor, and equipment necessary for the complete installation of the barrel, riser, and appurtenances (i.e. bolts, nuts, hugger bands, gaskets, anti-seep collars, inlets, flange couplers, etc.) for 12 gage or thicker Polymer-coated Helically Corrugated Steel Pipe. When a riser is used, a separate calculation may be required if the gage of the pipe changes beyond the range of this component. The unit cost is the total cost of installation divided by the diameter of the pipe in inches and by the length of the pipe in feet. Payment is computed by multiplying the inches of diameter of the pipe by the feet of length of the pipe times the unit cost.
Barrel &/or Riser-Polymer coated>=14ga (BRC14)	BRC14		This cost component includes the cost of materials, labor, and equipment necessary for the complete installation of the barrel, riser, and appurtenances (i.e. bolts, nuts, hugger bands, gaskets, anti-seep collars, inlets, flange couplers, etc.) for 14 gage or thinner Polymer-coated Helically Corrugated Steel Pipe. When a riser is used, a separate calculation may be required if the gage of the pipe changes beyond the range of this component. The unit cost is the total cost of installation divided by the diameter of the pipe in inches and by the length of the pipe in feet. Payment is computed by multiplying the inches of diameter of the pipe by the feet of length of the pipe times the unit cost.
Barrel &/or Riser-Steel (BRS)	BRS	SP1	This cost component includes the cost of materials, labor, and equipment necessary for the complete installation of the barrel, riser, and appurtenances (i.e. bolts, nuts, welding, anti-seep collars, inlets, etc.) for Smooth Steel Pipe. The unit cost is the total cost of installation divided by the diameter of the pipe in inches and by the length of the pipe in feet. Payment is computed by multiplying the inches of diameter of the pipe by the feet of length of the pipe times the unit cost.

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Component Name	Code	Code	Component Definition
Bentonite Liner (BL)	BL		This component consists of the mixing of bentonite with existing soil materials at specified quantities and placing treated material to create a relatively impervious lining or to reduce seepage to a specified rate for ponds, waste storage facilities, and other impounding structures that leak due to soils in the ponded area or that require sealing. Unit cost is per cu. yards of liner compacted in place.
Bermudagrass Mulch Sod (GBGMS)	GBGMS		Includes the cost of the sod and the labor and equipment required for placement.
Bermudagrass Solid Sod (GBGSS)	GBGSS		Includes the cost of the sod and the labor and equipment required for placement.
Bermudagrass Sprigging - CA (CS1, GBGSA)	GBGSA	CS1	Includes the cost of the bermuda sprigs and the labor and planting operation (tractor, sprigger, and associated planting costs).
Bermudagrass Sprigging (BG1, GBG)	GBG	BG1	Includes the cost of the vegetative sprigs, and the sprigging operation (tractor, labor, sprigger, and associated planting costs).
Big Bluestem (NG4C)	NG4C		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Big Bluestem (Sand Bluestem) (GSBL)	GSBL		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Biological Control-musk thistle w/500 weevil (PMW)	PMW		This includes the costs for weevils, and labor for releasing weevils.
Birdsfoot Trefoil (FL4B)	FL4B		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Blanket Material (BM)	BM		This component includes the cost of materials, labor, and equipment necessary to install a blanket layer of material in the foundation and/or around concrete structures as required by the design to protect from high shrink-swell soils. Unit cost is per cu. yd. of material specified. Payment is computed by taking the volume of material placed times the unit cost.
Broadcast Treatment Application (BTA)	BTA		Includes the cost of the broadcast application, including equipment (ground sprayers, misters, or other approved equipment) and carriers and all required additives, (diesel, water, surfactant, drift control agent, etc.), used in combination with the herbicide for application. Does not include the cost of the herbicide. This can not include any costs associated with a chemical spot treatment.
Casing (WWC)	WWC		This component is for the installation of casing pipe for pumps installed in irrigation tailwater recovery pits. The component is for all labor and materials necessary to install the casing as planned. Included in the cost will be the intake screen. Care should be taken not to use this component for new well drilling and casing. The unit cost is the total cost of installation divided by the diameter of the pipe in inches and by the length of the pipe in feet. Payment is computed by multiplying the inches of diameter of the casing pipe by the feet of length of the casing pipe times the unit cost.
Chaining - One Way (1CH)	1CH		This component includes the cost of labor, fuel, machinery, etc., when completing one-way chaining of brush plants in accordance with the Brush Management (314) standard and specification.

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Component Name	Code	Code	Component Definition
Chaining - Two Way (2CH)	2CH		This component includes the cost of labor, fuel, machinery, etc., when completing two-way chaining of brush plants in accordance with the Brush Management (314) standard and specification.
Chemical Seedbed Preparation (CSB1) and Herbicide--knockdown (HERB)	HERB	CSB1	Includes costs for the chemical, surfactant, and application fee. This component includes the cost of a non-selective contact herbicide used to suppress introduced plants, prior to seeding practices for species diversity.
Chemical Spot Treatment—high priority (CST3)	CST3		Includes the cost of herbicide, surfactant, and the labor and application equipment (including backpacks, hand-units, sprayers, etc.). This is limited to treatment of brush falling in the "high" priority category as per the Brush Management (314) standard. Examples of this type of treatment would include applying herbicides by hand to individual plants by leaf spraying, soil-applied herbicides that are either liquid or pelletized, and stem or stump sprays.
Chemical Spot Treatment—low priority (CST1)	CST1		Includes the cost of herbicide, surfactant, and the labor and application equipment (including backpacks, hand-units, sprayers, etc.). This is limited to treatment of brush falling in the "low" priority category as per the Brush Management (314) standard. Examples of this type of treatment would include applying herbicides by hand to individual plants by leaf spraying, soil-applied herbicides that are either liquid or pelletized, and stem or stump sprays.
Chemical Spot Treatment—medium priority (CST2)	CST2		Includes the cost of herbicide, surfactant, and the labor and application equipment (including backpacks, hand-units, sprayers, etc.). This is limited to treatment of brush falling in the "medium" priority category as per the Brush Management (314) standard. Examples of this type of treatment would include applying herbicides by hand to individual plants by leaf spraying, soil-applied herbicides that are either liquid or pelletized, and stem or stump sprays.
Chemical Suppression of Introduced Grasses (CSP1)	CSP1		Includes the cost of the non-selective herbicide and associated chemicals, application equipment, labor, and applicator fees, used to suppress introduced grasses for the establishment of forbs, legumes, and/or shrubs for stand enhancement in the existing stand of grass.
Chemigation Safety Check Valve (CSCV)	CSCV		This component is for the complete installation of an approved chemigation check valve. The cost includes all materials and labor to install the valve in the pipeline. The valve must be located such that the well is protected from any backflows from chemicals injected or placed into the irrigation system. The unit cost is based on the turnkey installation of the Chemigation Check Valve.
Chiseling and Subsoiling (CHS)	CHS		This is an incentive payment for performing tillage operations below the normal tillage depth. This will include the costs for use of the tractor, tillage equipment and labor associated with completion of the Deep Tillage (324) practice to meet NRCS standards and specifications.
Cicer Milkvetch (FL4C)	FL4C		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.

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Component Name	Code	Code	Component Definition
Clay Liner (CL)	CL		This component consists of transporting and placing a compacted layer of clay soil to create a relatively impervious lining or to reduce seepage to a specified rate for ponds, waste storage facilities, and other impounding structures that leak due to soils in the ponded area or that require sealing. Unit costs include all labor and materials necessary to acquire, transport, place, and compact the liner divided by the cubic yards of material specified in the liner.
Clipping & Cutting, high priority (MBR6)	MBR6		This component includes the cost of labor and equipment to sever woody species according to the Brush Management (314) standard and specification. Examples of machinery include front mounted tree saws, hydraulic clippers mounted on front-end equipment, hydraulic circular saws mounted on converted swathing equipment or other similar equipment. Costs may include the cost of stacking. No other brush management components are eligible on any of the acreage covered by this component.
Clipping & Cutting, low priority (MBR4)	MBR4		This component includes the cost of labor and equipment to sever woody species according to the Brush Management (314) standard and specification. Examples of machinery include front mounted tree saws, hydraulic clippers mounted on front-end equipment, hydraulic circular saws mounted on converted swathing equipment or other similar equipment. Costs DO NOT include the cost of stacking. No other brush management components are eligible on any of the acreage covered by this component.
Clipping & Cutting, medium priority (MBR5)	MBR5		This component includes the cost of labor and equipment to sever woody species according to the Brush Management (314) standard and specification. Examples of machinery include front mounted tree saws, hydraulic clippers mounted on front-end equipment, hydraulic circular saws mounted on converted swathing equipment or other similar equipment. Costs may include the cost of stacking. No other brush management components are eligible on any of the acreage covered by this component.
Common Bermudagrass (CBG)	CBG		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Common Lespedeza (FL4M)	FL4M		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Common Reedgrass (GCR)	GCR		Includes the cost of the vegetative rhizome material and the planting operation (tractor, drill, labor and associated planting costs).
Compassplant (FL5E)	FL5E		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Complete Forest Site Preparation (FSPC)	FSPC		Includes the costs of equipment, labor, supplies for mechanical site preparation done to the soil to prepare an adequate seedbed prior to planting trees. This includes applications such as roller chopping, mowing, shearing, root plowing, necessary to meet the Forest Site Preparation (490) practice standards and specifications.

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Complete Forest Site Preparations - Incentive (FSPI)	FSPI		This is an incentive payment. Includes the costs of equipment, labor, supplies for mechanical site preparation done to the soil to prepare an adequate seedbed prior to planting trees. This includes applications such as roller chopping, mowing, shearing, root plowing, necessary to meet the Forest Site Preparation (490) practice standards and specifications.
Compost/Dry Waste Storage Structure (CCSS)	CCSS		This component includes a building designed from approved standard drawings used for the temporary storage of cake and to compost poultry. Cake is the mix of poultry litter and manure removed from a poultry house after a single flock has been removed. The structure is designed to store one clean-out of cake from all houses. Unit costs include all labor and materials needed to build the structure divided by the square footage of the structure measured from the outside dimensions. Payment is made on the outside to outside dimension of the designed structure (to the nearest 0.1 square foot). Maximum costs for this component have been established.
Compost Facility (CF)	CF		This component includes a building designed from approved standard drawings used for composting poultry. Unit costs include all labor and materials needed to build the structure divided by the square footage of the structure measured from the outside dimensions. Payment is made on the outside to outside dimension of the designed structure (to the nearest 0.1 square foot). Maximum costs for this component have been established.
Concrete – Concrete/Steel in structural items (CON1)	CON1		This component comprises the installation and all materials, including minor amounts of steel reinforcement, needed for placement of concrete in structures such as grade stabilization structures, ponds, structures for water control, etc. This component will address the need for small non-reinforced concrete structures or concrete used for buoyancy resistance. Care should be taken to insure that this component is not used when reinforced concrete is required.
Concrete – Formless Concrete Chute (CONFC)	CONFC		This component includes all items of work required to install a formless concrete chute designed under the Oklahoma Standard 410, Grade Stabilization Structure. These include excavation, shaping, steel reinforcement, concrete, etc. necessary to complete the practice to design dimensions. This does not include concrete structures designed under the Lined Waterway or Outlet specification.
Concrete – Lined Outlet (CON3)	CON3		This component includes all items of work required to install a concrete lined outlet designed under the Oklahoma standard 468, Lined Waterway or Outlet. These could include excavation, shaping, steel reinforcement, concrete, etc. necessary to complete the practice to design dimensions. This does not include concrete structures designed under the Grade Stabilization Structure standard – 410, or to Non-Reinforced Concrete Irrigation Ditch Liners – 428A.

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Component Name	Code	Code	Component Definition
Concrete – Non Reinforced Ditch Lining (CON2)	CON2		This component includes all items of work required to install a non-reinforced concrete irrigation ditch liner designed under the Oklahoma standard 428A, Irrigation Water Conveyance, Ditch and Canal Lining, Non Reinforced Concrete. This could include excavation, shaping, concrete, etc. necessary to complete the practice to design dimensions. This does not include concrete structures designed under the Grade Stabilization Structure standard – 410 or to Lined Waterway or Outlets standard – 468.
Concrete - Reinforced and Formed (CONT)	CONT		This component comprises the installation and all materials needed for the forming and placement of reinforced concrete in structures such as watering facilities and waste storage facilities. The cost is representative of the work involved in forming and tying steel in "retaining wall" type structures. It is not intended to be used for small structural items, even if reinforced steel is used or if minor forming is utilized (i.e. concrete slabs around risers - refer to Concrete/Steel in structural items).
Conservation Crop Rotation (CCR1)	CCR1		This is an incentive payment for growing crops in a recurring sequence on the same field. This would include costs associated with completion of the Conservation Crop Rotation (328) practice to meet NRCS standards and specifications. Including costs associated with things such as implementing crop rotations where mono-cultures were used, using new crop varieties or species to increase biomass, or adding legumes to a rotation for specific purposes.
Conservation Crop Rotation (CCR2)	CCR2		This is a higher level incentive payment for the costs associated with completion of the Conservation Crop Rotation (328) practice to meet NRCS standards and specifications. To obtain this level the conservation crop rotation must include a minimum of two separate crops in rotation in a three year period. The calculated Soil Conditioning Index for the rotation must be 0.1 or greater.
Conversion of Irrigated Land (COIL)	COIL		This is an incentive payment directed toward the conversion of irrigated land to dryland (non-irrigated) permanent vegetation. It must be for a whole field conversion. The permanent vegetation would not be used for forage or grazing. To be eligible for the incentive payment the well servicing the irrigation system must be decommissioned.
Cover and Green Manure Crop (CGM)	CGM		This is an incentive payment for the establishment of cover and green manure crops. This would include costs associated with completion of the Cover Crop (340) practice to meet NRCS standards and specifications. This component includes costs for seed, chemical application, tractor and equipment use, and labor to plant and terminate the crop.
Cowpeas (FL4I)	FL4I		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Crimson Clover (FL4J)	FL4J		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Cross Wind Ridges (CWR)	CWR		This is an incentive payment for establishing ridges formed by planting or tillage equipment aligned across the prevailing wind erosion direction. This would include costs associated with completion of the Cross Wind Ridges (589A) practice to meet NRCS standards and specifications. This practice would include changing existing farming patterns of the field to establishing ridge directions across the prevailing wind erosion direction.

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Cross Wind Stripcropping (CWS)	CWS		This is an incentive payment for establishing crop strips across the prevailing wind erosion direction. This would include costs associated with completion of the Cross Wind Stripcropping (589B) practice to meet NRCS standards and specifications. This practice would include changing existing farming patterns of the field to alternating strips of non-protective cover with strips having a protective cover for wind erosion.
Cultivation Hardwoods—limit 5 culti. 1st yr (TCH)	TCH		The costs that are associated with this include labor and equipment. Limited to cultivation during the first year only and limited to a total of five cultivations. Receipts should be consolidated from all of the cultivations and turned in at one time for payment on this component. The component itself is expressed on a per acre basis for each cultivation.
Cutting & Spraying—Medium priority (BMCS2)	BMCS2		This component includes costs of chemicals, labor and mechanical equipment to complete the practice according to the Brush Management (314) standard and specification. Including the equipment to sever the targeted woody species and the cost of the chemical (25% Triclopyr and 75% Diesel). Examples of machinery include front mounted tree saws, hydraulic clippers mounted on front-end equipment, hydraulic circular saws mounted on converted swathing equipment or other similar equipment that also has a spray nozzle mounted to spray the chemical.
Cutting & Spraying—High Priority (BMCS3)	BMCS3		This component includes costs of chemicals, labor and mechanical equipment to complete the practice according to the Brush Management (314) standard and specification. Including the equipment to sever the targeted woody species and the cost of the chemical (25% Triclopyr and 75% Diesel). Examples of machinery include front mounted tree saws, hydraulic clippers mounted on front-end equipment, hydraulic circular saws mounted on converted swathing equipment or other similar equipment that also has a spray nozzle mounted to spray the chemical.
Cutting & Spraying—Low Priority (BMCS1)	BMCS1		This component includes costs of chemicals, labor and mechanical equipment to complete the practice according to the Brush Management (314) standard and specification. Including the equipment to sever the targeted woody species and the cost of the chemical (25% Triclopyr and 75% Diesel). Examples of machinery include front mounted tree saws, hydraulic clippers mounted on front-end equipment, hydraulic circular saws mounted on converted swathing equipment or other similar equipment that also has a spray nozzle mounted to spray the chemical.
Diversion Terrace/Ridge or Channel (RC, DT1)	RC	DT1	This item consists of the necessary excavation or fill placement required to construct an earthen ridge or channel to the dimensions and on the grade specified. Construction includes the necessary compactive effort to obtain a stable earthen mass with the top width and side slopes planned. The unit cost is determined from either the excavated volume or fill volume, whichever controls the construction of the design earthen structure, multiplied by the length of diversion terrace that has the full bodied dimensions.

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Drip System – Filters, Gauges, Laterals and Emitters (FGLFE)	FGLFE	DI1	This cost component is for the installation of a drip irrigation system for a windbreak. The unit cost per tree includes all labor and materials for installing the drip laterals. The materials include filters, gauges, emitters and lateral lines but not main lines.
Dry Waste Storage Structure (COSS)	COSS		This component includes a building designed from approved standard drawings used for the temporary storage of Cake. Cake is the mix of poultry litter and manure removed from a poultry house after a single flock has been removed. The structure will store one clean-out of Cake from all houses. Unit costs include all labor and materials needed to build the structure divided by the square footage of the structure measured from the outside dimensions. Payment is made on the outside to outside dimension of the designed structure (to the nearest 0.1 square foot). Maximum costs for this component have been established.
Eastern Gamagrass (GEG)	GEG		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Effluent Pumping (EP)	EP		Includes the removal and land application of liquid and slurry waste from a waste treatment lagoon or waste storage facility that is no longer used for the intended purpose. Effluent will require agitation prior to pumping. Wastewater shall be utilized in accordance with the Oklahoma standard for Waste Utilization (633) and Nutrient Management (590).
Energy-Free Fountain less than or equal to 25 gallon tank (EFF2)	EFF2		Includes the complete installation of an approved Energy-Free Fountain waterer that has a storage capacity of 25 gallons or less. Typically this would be a fountain unit with two watering stations. The cost includes all materials and labor to install the fountain, including foundation preparation, apron, and plumbing in a turnkey installation.
Energy-Free Fountain more than 25 gallon tank (EFF4)	EFF4		Includes the complete installation of an approved Energy-Free Fountain waterer that has a storage capacity greater than 25 gallons. Typically this would be a fountain unit with more than two watering stations. The cost includes all materials and labor to install the fountain, including foundation preparation, apron, and plumbing in a turnkey installation.
Englemann daisy (FL5A)	FL5A		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Erosion Control Blanket (ECB)	ECB		This component includes all items of work required to install an erosion control blanket. These could include excavating and backfilling of cutoff trenches, anchoring pins, and erosion control blanket material. This does not include excavation and grading of the structure to the neat lines and grades established for the structure on which the erosion control blanket is installed. This component covers temporary biodegradable blankets (usually made of wood, straw, or coconut fibers). These blankets are covered with a plastic mesh on both sides. This component does not include blankets that are covered only on one side, geotextile blankets, or turf reinforced mats.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Excavation and/or Embankment (EM, EM1)	EM	EM1	This component covers all types of earthwork where excavation or fill volumes are specified. Fill volume is calculated from natural ground before foundation stripping using double end area or other approved methods. Vertical banks need to be sloped to obtain adequate compaction and many sites may require excavation for a principal spillway foundation preparation. For these cases, fill volumes shall be calculated as if these items have already been completed. Volume of fill for a core trench shall not be included unless that material excavated from the core trench cannot be used in the embankment. Volumes are computed for the full length of the structure. Minor items such as inside auxiliary spillway dikes and pads for principal spillway risers are subsidiary to computed fill volumes. No adjustment is made for fill around barrels. Excavated volumes are calculated from pre-excavation elevations to the designed neat lines and grades.
			For a core trench, this is from natural ground before foundation stripping. For excavated reservoirs, volume will be calculated using approved methods for determining design depth of cut. Care should be taken not to pay for the same earthwork twice. When a structure involves a designed excavated pit and a designed embankment, the extent will be whichever is larger. Unit cost is based on the total cubic yards of earth moved as described above.
Excavation in Wet Areas (WEM)	WEM		This component covers situations where extreme wet conditions are known to exist or are strongly anticipated. Typically, excavation in wet areas will only be used for a small portion of the total excavated volume. Separate calculations are required for the dry material and the wet material. Wet material is defined as the presence of free water on the soil material. Test pits or holes are required to document the presence and extent of the wet conditions. If when construction occurs, the anticipated wet conditions are dry, payment shall be made under Excavation and/or Embankment. If wet conditions are encountered unexpectedly, adjustments could be made under Errors and Omissions. Quantities are computed as described for Excavation and/or Embankment.
Fence--Critical and Small Area (FENCA)	FENCA		Includes all materials (posts, wire, concrete, staples, wire clips, etc.) and labor required for the installation. This component is intended to capture the extra costs associated with additional corners, angles, and bracing required for small areas, and around critical areas. This component may be used for fencing off all practices vegetated under the critical area planting standard, fencing off ponds, and fencing off other small critical or sensitive areas.
Fence--Five Wire Permanent Power Fence (FEN5E)	FEN5E		Includes all materials (posts, wire, concrete, staples, wire clips, etc.) and labor required for the installation. Does not include the cost of obtaining or accessing a power source.
Fence--Floating Electric (FENFE)	FENFE		Includes all materials (posts, plastic pipe, caps, wire, insulators, etc.) and labor required for the installation of the complete unit. Does not include the cost of gravel, rock, geocell, concrete, or other materials for a walkway or ramp.
Fence--Four Wire Permanent (FEN4)	FEN4		Includes all materials (posts, wire, concrete, staples, wire clips, etc.) and labor required for the installation.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Fence--Four Wire Permanent Power Fence (FEN4E)	FEN4E		Includes all materials (posts, wire, concrete, staples, wire clips, etc.) and labor required for the installation. Does not include the cost of obtaining or accessing a power source.
Fence--Net Wire-Woven Mesh (FENWM)	FENWM		Includes all materials (posts, wire, mesh wire, concrete, staples, wire clips, etc.) and labor required for the installation.
Fence--Permanent Power Fence Energizer (FENE)	FENE		Includes the cost of the energizer, grounding supplies and installation. This does not include the cost of supplying the power to the unit, either from battery or an electrical line.
Fence--Solar Pack w/Energizer (FENS)	FENS		Includes the cost of the solar pack, energizer, grounding supplies and installation.
Fence--Three Wire Permanent (FEN3)	FEN3		Includes all materials (posts, wire, concrete, staples, wire clips, etc.) and labor required for the installation.
Fence--Three Wire Permanent Power Fence (FEN3E)	FEN3E		Includes all materials (posts, wire, concrete, staples, wire clips, etc.) and labor required for the installation. Does not include the cost of obtaining or accessing a power source.
Fence--Two Wire Permanent Power Fence (FEN2E)	FEN2E		Includes all materials (posts, wire, concrete, staples, wire clips, etc.) and labor required for the installation. Does not include the cost of obtaining or accessing a power source.
Fertilizer for Dry Litter Crop (FTT)	FTT		This component has limited uses on CRP practices CP2, CP11, and CP24 as defined in 2-CRP (Rev.3) OK Amend 5, Page OK Page 8. This will include the cost of fertilizers, application equipment, and labor to accomplish the installation of this practice.
Fertilizer for establishment year only (FT) and Fertilizer (FT1)	FT	FT1	This component includes the application of nutrients for vegetation establishment, during the establishment year only, in situations where the vegetation is being established in accordance with the Pasture and Hay Planting (512) or Range Planting (550) practice standard. This will include the cost of fertilizers, application equipment, and labor to accomplish the installation of this practice.
Fertilizer for Native Grass (FT0)	FT0		This component includes the application of phosphate and potash for native grass establishment in situations where the vegetation is being established in accordance with the Range Planting (550) practice standard. This will include the cost of phosphate, potash, application equipment, and labor to accomplish the installation of the practice.
Fertilizer on a Critical Area (FTCA) and Fertilizer – Critical Area Rate (FT4)	FTCA	FT4	This component includes the application of nutrients for vegetation establishment in situations where the vegetation is being established in accordance with the Critical Area Planting (342) practice standard. This will include the cost of fertilizers, application equipment, and labor to accomplish the installation of this practice.
Fill Section (FS)	FS		This component shall consist of the additional volume of earth required to construct diversions and terraces when ditches are crossed by the terrace. For each ditch crossed by the grade line of the terrace or diversion, a fill section shall be computed by measuring the bottom and top dimensions of the ditch in the grade line of the diversion and also the depth. The volume of fill shall be computed by determining the cross sectional area of the fill (based on side slopes and base width of the terrace fill which is crossing over the ditch) using approved methods to compute the volume of fill required to bring the top surface to the base grade of the terrace at that point.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Firebreak - Burned Firebreak (FBF)	FBF		This component includes the cost of labor and equipment to cut or sever and remove flammable material such as logs, limbs, fence posts, and volatile brush, such as juniper, from the area between mineral fireguard strips. Examples of machinery include front mounted tree saws, hydraulic clippers mounted on front-end equipment, hydraulic circular saws mounted on converted swathing equipment or other similar equipment.
Firebreak - Heavy Equipment required (FBHE)	FBHE		Includes the cost of equipment (including bulldozers and maintainers) and labor to build a firebreak as designed in the Prescribed Burning Management Plan. This component is limited to use on those portions of the firebreak requiring heavy equipment for construction, as specified in the burn plan, not just because heavy equipment was used to complete the practice. This component is required if there is thick brush, large trees, rocky terrain, creek crossings or steep slopes that would necessitate the need for heavy equipment. Also included is the needed stacking and removing of debris in order to provide a technically sufficient firebreak.
Firebreak (FBCGL)	FBCGL		Includes the cost of equipment and labor to construct a firebreak as designed in the Prescribed Burning Management Plan. The firebreak can be prepared with normal farm type machinery, a fireplow, or similar type equipment. Generally this occurs on open grasslands and may contain small brush.
Flashboard Riser - 20 inch and larger (FR20)	FR20		This cost component include all materials, labor, and equipment necessary for the complete installation of a Flashboard Riser and appurtenances (ex. Welding, bolts, nuts, paint, stoplogs, inlets, beaver guards, etc.) greater than inches in diameter. Materials may include Aluminized or Polymer-coated corrugated steel pipe or smooth steel pipe. Galvanized corrugated steel pipe shall not be used. Typical types of inlets include ½ round risers, full round risers, inline risers, plugs, and manifold plugs. The unit cost is the total cost of installation divided by the dia. of the riser in inches and by the height of the riser in feet. Payment is computed by multiplying the inches of diameter of the riser by the feet of height of the riser times the unit cost.
Flashboard Riser - 18 inch and less (FR18)	FR18		This cost component include all materials, labor, and equipment necessary for the complete installation of a Flashboard Riser and appurtenances (ex. Welding, bolts, nuts, paint, stoplogs, inlets, beaver guards, etc.) of 18 inches in diameter or less. Materials may include Aluminized or Polymer-coated corrugated steel pipe or smooth steel pipe. Galvanized corrugated steel pipe shall not be used. Typical types of inlets include ½ round risers, full round risers, inline risers, plugs, and manifold plugs. The unit cost is the total cost of installation divided by the diameter of the riser in inches and by the height of the riser in feet. Payment is computed by multiplying the inches of diameter of the riser by the feet of height of the riser times the unit cost.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Flow Meter - Permanent (FMP)	FMP		This component is for the complete installation of an approved flow meter. The cost includes all materials and labor to install the meter in the pipeline at a location and spacing meeting manufacturer's recommendations. The flow meter generally must be located in a straight section of pipe with no obstructions, turns, constrictions, or bends for a distance of 5 pipe diameters upstream and 3 pipe diameters downstream of the meter. The unit cost is based on the turnkey installation of the flow meter.
Forage Harvest Management (FHM)	FHM		This is an incentive payment. Includes costs associated with the timely cutting and removal of forages from a field as hay, green-chop, or ensilage in accordance with the Forage Harvest Management (511) practice to meet NRCS standards and specifications.
Forest Stand Improvement – Chemical Prep (FSCP)	FSCP		Includes the cost of chemicals, equipment (sprayers, injectors, etc.) and labor.
Forest Stand Improvement – Incentive (FSI)	FSI		This is an incentive payment. Includes costs associated with completion of the Forest Stand Improvement (666) practice to meet NRCS standards and specifications.
Four Wing Salt Bush (FWSB)	FWSB		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Geocell (GEOC)	GEOC		This component is for the installation of a plastic (PE) three-dimensional cellular containment grid for use in holding rock, gravel, or concrete in place. Applicable practice standards are: Heavy Use Area Protection – 561, Animal Trails and Walkways – 575, and Stream Crossing – 728. Unit costs are for the plastic cellular material only. Costs for excavation, rock, gravel, etc. are established as separate components.
Geotextile (GEOT)	GEOT		This component includes all items of work required to install a non-woven geotextile that meets the requirements of Class I as defined in Material Specification 592 – Geotextile (Part 642 National Engineering Handbook). These could include excavating and backfilling of cutoff trenches, anchoring pins, and geotextile material. This does not include excavation and grading of the structure to the neat lines and grades established for the structure on which the geotextile is installed.
Geotextile Fabric/Plastic Mulch (PM1, GEOTF)	GEOTF	PM1	Includes the cost of the mulch fabric and the labor and equipment costs associated with placing the material on site.
Goat browsing - plant reduction (PGGR)	PGGR		This is an incentive payment and includes costs associated with managing browse species for reduction as described in the Prescribed Grazing (528A) and Supplement 1 (528A). These costs would include labor, guard dogs, and other management costs.
Goat browsing - plant sustainability (PGGS)	PGGS		This is an incentive payment and includes costs associated with managing browse species for sustainability as described in the Prescribed Grazing (528A) and Supplement 1 (528A). These costs would include labor, guard dogs, and other management costs.
Grazing Lands –Sericea Lespedeza weed cntrl (PMSER)	PMSER		This component includes the costs for chemicals, surfactant, equipment and labor for the complete application in accordance with the NRCS pest management (595) standard and specification..

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Grazing Lands –Thistle Weed Control, Chemical (PM)	PM		This component includes the costs for chemicals, surfactant, equipment and labor for the complete application in accordance with the NRCS pest management (595) standard and specification..
Guzzler (GUZZ)	GUZZ		This component consists of all labor, materials, and equipment necessary for the complete installation of an approved guzzler as specified in Wildlife Guzzler Standard Drawings 1 and 2 of the Oklahoma Standard 648, Wildlife Watering Facility, or as described in the list of "Pre-Approved Structures, Components, and Appurtenances" in Section IV of the Field Office Technical Guide. Total gallons for the cost will be based on the effective storage in the tank or barrel. Prefabricated guzzlers and guzzlers constructed using Standard Drawing No. 2, can be filled to capacity; therefore the effective storage is 100 percent of the capacity of the tank as measured in gallons. Because of the design features, guzzlers constructed using Standard Drawing No. 1 can be filled to a maimum of two-thirds of capacity; therefore the effective storage is 66.6 percent of the capacity of the tank as measured in gallons.
Guymon Bermudagrass-Hull/Unhull (GB1)	GB1		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Guymon or Wrangler Bermudagrass - CA (GGBGA)	GGBGA		Includes the cost of the seed and the labor and seeding operation (tractor, drill, and associated planting costs).
Guymon or Wrangler Bermudagrass (WBG, GGBG)	GGBG	WBG	Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Gypsum for Dispersive Soils (GYP2)	GYP2		This component covers the addition of gypsum as a treatment additive for dispersive clay soils. Application is made at a specified rate of pounds per square foot and thoroughly mixed with the existing soil prior to placement. Unit cost includes all labor and materials necessary for mixing the gypsum. Placement of treated material shall not be included as this will be covered by the excavation and/or embankment component.
Gypsum for Soil Reclamation (GSR)	GSR		Includes the costs for gypsum, and the labor, tractor and equipment required to spread the gypsum.
Hairy Vetch (FL4K)	FL4K		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Herbicide—2,4-D Amine (H24DA)	H24DA		Includes the cost of herbicide per gallon of 2,4-D Amine used in the aerial or broadcast treatment. Formulation is to be 4 lbs/gallon active ingredient, applied in accordance with the Brush Management (314) Standard and Specification.
Herbicide—2,4-D Ester (H24DE)	H24DE		Includes the cost of herbicide per gallon of 2,4-D Ester used in the aerial or broadcast treatment. Formulation is to be 6 lbs/gallon active ingredient, applied in accordance with the Brush Management (314) Standard and Specification.
Herbicide—Clopyralid (HREC)	HREC		Includes the cost of herbicide per gallon of clopyralid (ie. Reclaim) used in the aerial or broadcast treatment. Formulation is to be 3 lbs/gallon active ingredient as specified in the Brush Management (314) Standard and Spec.
Herbicide—Dicamba (HBAN)	HBAN		Includes the cost of herbicide per gallon of dicamba (ie. Banvel) used in the aerial or broadcast treatment. Formulation is to be 4 lbs/gallon active ingredient as specified in the Brush Management (314) Standard and Spec.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Herbicide—Dicamba:2,4-D (1:3) (HWEED)	HWEED		Includes the cost of herbicide per gallon of dicamba:2,4-D (1:3) (ie. Weedmaster) used in the aerial or broadcast treatment. Formulation is to be 4 lbs/gallon active ingredient as specified in the Brush Management (314) Standard and Spec.
Herbicide—knockdown (includes applic. & chemical) (HB1)	HB1		Includes costs for the chemical, surfactant, and application fee. This component includes the cost of a non-selective contact herbicide used to kill the temporary cover or the competing cool season "weedy" grasses from an existing temporary cover. Limited to one application per growing season.
Herbicide—Metsulfuron methyl (HALLY)	HALLY		Includes the cost of herbicide per pound of metsulfuron methyl (ie. Ally or Escort) used in the aerial or broadcast treatment. Formulation is to be 60% active ingredient as specified in the Brush Management (314) Standard and Spec.
Herbicide—Picloram (HT22K)	HT22K		Includes the cost of herbicide per gallon of picloram (ie. Tordon 22K) used in the aerial or broadcast treatment. Formulation is to be 2 lbs/gallon active ingredient as specified in the Brush Management (314) Standard and Spec.
Herbicide—Picloram:2,4-D (1:4) (HGRAZ)	HGRAZ		Includes the cost of herbicide per gallon of picloram:2,4-D (1:4) (ie. Grazon P+D) used in the aerial or broadcast treatment. Formulation is to be 2.5 lbs/gallon active ingredient as specified in the Brush Management (314) Standard and Spec.
Herbicides to Control Weeds (HB4)	HB4		Includes costs for the chemical, surfactant, and application fee. This component includes the cost of chemical weed control in new grass plantings. A selective herbicide would be applied just prior to planting or emergence of permanent cover.
Herbicide—Tebuthiuron (HS20P)	HS20P		Includes the cost of herbicide per pound of tebuthiuron pellets (ie. Spike 20P) used in the aerial or broadcast treatment. Formulation is to be 20% active ingredient as specified in the Brush Management (314) Standard and Spec.
Herbicide—Triclopyr (HREM)	HREM		Includes the cost of herbicide per gallon of triclopyr (ie. Remedy) used in the aerial or broadcast treatment. Formulation is to be 4 lbs/gallon active ingredient as specified in the Brush Management (314) Standard and Spec.
High Pressure $\geq$ 100 psi (HP100)	HP100		This cost component is for installing High Pressure (equal to or exceeding a 100 psi pressure rating) PVC mains and submains for the purpose of conveying water for irrigation. The cost includes materials, labor, valves, and appurtenances necessary for the installation (including trenching, backfilling and testing) of the pipeline in accordance to irrigation water conveyance pipeline standard. Payment is computed by multiplying the inches of diameter of the pipe by the feet of length of the pipe times the unit cost.
High Pressure - 80 psi (HP80)	HP80		This cost component is for installing High Pressure (80 psi pressure rating) PVC mains and submains for the purpose of conveying water for irrigation. The cost includes materials, labor, valves, and appurtenances necessary for the installation (including trenching, backfilling and testing) of the pipeline in accordance to irrigation water conveyance pipeline standard. Payment is computed by multiplying the inches of diameter of the pipe by the feet of length of the pipe times the unit cost.
Illinois Bundleflower (FL5L)	FL5L		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Indiangrass (GIG)	GIG		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Indiangrass (NG4G)	NG4G		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Irrigation Well Pump Rehabilitation (IWPR)	IWPR		This component is for the rehabilitation of an existing irrigation pumping facility in conjunction with the conversion of an existing irrigation system. This may include costs for pulling the old pump, replacing the bowls, column, shaft, gear head, discharge pipes and any other work necessary to completely refurbish the pumping plant. It does not include any type of power supply. Installation and operation shall be in keeping with Conservation Practice Standard 533- Pumping Plant for Water Control. Care should be taken not to confuse this component with other pumps used for agricultural waste management or for tailwater recovery systems. Payment is calculated at the established cost per foot of well depth. Maximum costs for this component have been established.
IWM with higher technology use (IWMHT)	IWMHT		This is an incentive payment for the accomplishment of irrigation water management by meeting the requirements of Conservation Practice Standard 449; meeting the requirements of Conservation Practice Standard 441, 442, or 443; by practicing proper irrigation scheduling by utilizing monthly "feel and appearance" soil moisture monitoring, by utilizing daily evapotranspiration data from weather station data or atmometers, by utilizing rain gauge data from two rain gauges located in the field being irrigated, by utilizing two flow meter checks during the growing season, and by utilizing an approved "checkbook" ET scheduling method. Payment is based on meeting requirements of the indicated Standards and the furnishing to NRCS a complete set of irrigation scheduling records on approved formats as indicated above for the total number of acres under higher technology management.
Jacks (Sugar Creek Only) (JAX)	JAX		The cost component is for installing jacks in Sugar Creek Channel. The cost is for a turnkey installation of jacks including all materials, labor, and equipment.
Korean Lespedeza (FL4L)	FL4L		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Ladino Clover (GLCL)	GLCL		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Land Leveling (LL)	LL		This component consists of all work necessary to land level a field to the designed grade for a surface irrigation system. This does not include minor field modifications covered under Conservation Practice Standard 466 – Land Smoothing or leveling for purposes other than irrigation as in 462 – Precision Land Forming.

## Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
LEPA Conversion (LEPA)	LEPA		This component is for the conversion of an existing sprinkler irrigation system to a more efficient sprinkler system meeting the specific requirements of a Low Energy Precision Application (LEPA) irrigation system in Conservation Practice Standard 442. The existing irrigation system that is being converted must have an additional life expectancy of ten years or greater after the conversion and must be free of any significant leakage. Existing end guns shall be removed. The unit cost is based on installation of the total number of new individual drops across the entire converted sprinkler system. Payment is calculated on the total number of drops installed.
LEPA Conversion w/pressure regulator (LEPAR)	LEPAR		This component is for the conversion of an existing sprinkler irrigation system to a more efficient sprinkler system meeting the specific requirements of a Low Energy Precision Application (LEPA) irrigation system in Conservation Practice Standard 442. This component also requires the use of pressure regulators to provide more uniform application efficiency. The existing irrigation system that is being converted must have an additional life expectancy of ten years or greater after the conversion and must be free of any significant leakage. Existing end guns shall be removed. The unit cost is based on the installation of the total number of new individual drops with pressure regulators across the entire converted sprinkler system. Payment is calculated on the total number of drops installed.
Liming for Establishment Year Only (per ton ECCE) (LIME)	LIME		This component includes the application of lime for correction of pH for vegetative establishment, during the establishment year only, in situations where the vegetation is being established in accordance with the Pasture and Hay Planting (512) practice standard. This will include the cost of lime per ton ECCE (effective calcium carbonate equivalent), application equipment, and labor to accomplish the installation of the practice.
Limited Forest Site Prep plow/disk (FSPL)	FSPL		This component includes plowing, disking, or mowing to reduce the vegetative competition before planting trees. The costs associated with this include labor and equipment.
Low Pressure $\leq$ 50 psi	LP50		This cost component is for installing Low Pressure (50 psi pressure rating or less) PVC mains and submains for the purpose of conveying water for irrigation. The unit cost dia. inch foot includes materials, labor, valves, and appurtenances necessary for the installation (including trenching, backfilling and testing) of the pipeline in accordance to irrigation water conveyance pipeline standard divided by the pipe diameter in inches and the pipe length in feet. Payment is computed by multiplying the inches of diameter of the pipe by the feet of length of the pipe times the unit cost.
Low Pressure Sprinkler System (LPSS)	LPSS		This component is for the installation of a complete and operational new sprinkler irrigation system meeting the requirements of Conservation Practice Standard 442 and that delivers water to the field at nozzle pressures between 2 psi and 35 psi. The unit cost is based on a turnkey installation of the new and completely operational sprinkler system.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Lower Elevation Nozzle Conversion (LESA)	LESA		This component is for the conversion of an existing sprinkler irrigation system to a more efficient sprinkler system meeting the specific requirements of a Low Elevation Spray Application (LESA) irrigation system in Conservation Practice Standard 442. The existing irrigation system that is being converted must have an additional life expectancy of ten years or greater after the conversion and must be free of any significant leakage. Existing end guns shall be removed. The unit cost is based on installation of the total number of new individual drops across the entire converted sprinkler system. Payment is calculated on the total number of drops installed.
Lower Elevation Nozzle Conversion w/pressure regulator(LESA)	LESAR		This component is for the conversion of an existing sprinkler irrigation system to a more efficient sprinkler system meeting the specific requirements of a Low Elevation Spray Application (LESA) irrigation system in Conservation Practice Standard 442. This component also requires the use of pressure regulators to provide more uniform application efficiency. The existing irrigation system that is being converted must have an additional life expectancy of ten years or greater after the conversion and must be free of any significant leakage. Existing end guns shall be removed. The unit cost is based on the installation of the total number of new individual drops with pressure regulators across the entire converted sprinkler system. Payment is calculated on the total number of drops installed.
LPIC Conversion (LPIC)	LPIC		This component is for the conversion of an existing sprinkler irrigation system to a more efficient sprinkler system meeting the specific requirements of a Low Pressure In-Canopy (LPIC) irrigation system in Conservation Practice Standard 442. The existing irrigation system that is being converted must have an additional life expectancy of ten years or greater after the conversion and must be free of any significant leakage. Existing end guns shall be removed. The unit cost is based on installation of the total number of new individual drops across the entire converted sprinkler system. Payment is calculated on the total number of drops installed.
LPIC Conversion w/pressure regulator (LPICR)	LPICR		This component is for the conversion of an existing sprinkler irrigation system to a more efficient sprinkler system meeting the specific requirements of a Low Pressure In-Canopy (LPIC) irrigation system in Conservation Practice Standard 442. This component also requires the use of pressure regulators to provide more uniform application efficiency. The existing irrigation system that is being converted must have an additional life expectancy of ten years or greater after the conversion and must be free of any significant leakage. Existing end guns shall be removed. The unit cost is based on the installation of the total number of new individual drops with pressure regulators across the entire converted sprinkler system. Payment is calculated on the total number of drops installed.
Maximillian Sunflower (FL5C)	FL5C		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Mechanical Brush Removal—high priority (MBR3)	MBR3		This component includes the cost of labor, machinery, fuel, etc., when removing woody species according to the Brush Management (314) standard and specification with heavy equipment. This includes individual treedoing, rootplowing, or other methods that physically remove the plant from the ground. Costs may include the cost of stacking. No other brush management components are eligible on any of the acreage covered by this component.
Mechanical Brush Removal—low priority (MBR1)	MBR1		This component includes the cost of labor, machinery, fuel, etc., when removing woody species according to the Brush Management (314) standard and specification with heavy equipment. This includes individual treedoing, rootplowing, or other methods that physically remove the plant from the ground. Costs DO NOT include the cost of stacking. No other brush management components are eligible on any of the acreage covered by this component.
Mechanical Brush Removal—medium priority (MBR2)	MBR2		This component includes the cost of labor, machinery, fuel, etc., when removing woody species according to the Brush Management (314) standard and specification with heavy equipment. This includes individual treedoing, rootplowing, or other methods that physically remove the plant from the ground. Costs may include the cost of stacking. No other brush management components are eligible on any of the acreage covered by this component.
Mechanical Seedbed Prep per trip (SB1)	SB1		This component includes the costs of tractor, tillage equipment, and labor used to prepare a seedbed in preparation of a grass planting. Tillage is generally for destroying existing stands of introduced grasses in the conversion process to native grasses. Cost is calculated per trip.
Mechanical--Mowing/shredding weeds or cover (MW)	MW		This component includes the costs for mowing or shredding temporary cover or weeds in lieu of using chemical control measures. This component would be used to control growth of a temporary cover that is to be used for grass plantings. It can be used on weeds prior to planting grass or during the first year of grass establishment. It can also be used on existing grass stands prior to planting forbs or legumes or after planting when competition of the canopy becomes too dense for plant survival.
Mid-Elevation Nozzle Conversion (MESA)	MESA		This component is for the conversion of an existing sprinkler irrigation system to a more efficient sprinkler system meeting the specific requirements of a Mid Elevation Spray Application (MESA) irrigation system in Conservation Practice Standard 442. The existing irrigation system that is being converted must have an additional life expectancy of ten years or greater after the conversion and must be free of any significant leakage. Existing end guns shall be removed. The unit cost is based on installation of the total number of new individual drops across the entire converted sprinkler system. Payment is calculated on the total number of drops installed.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Mid-Elevation Nozzle Conversion w/pressure regulators (MESAR)	MESAR		This component is for the conversion of an existing sprinkler irrigation system to a more efficient sprinkler system meeting the specific requirements of a Mid Elevation Spray Application (MESA) irrigation system in Conservation Practice Standard 442. This component also requires the use of pressure regulators to provide more uniform application efficiency. The existing irrigation system that is being converted must have an additional life expectancy of ten years or greater after the conversion and must be free of any significant leakage. Existing end guns shall be removed. The unit cost is based on the installation of the total number of new individual drops with pressure regulators across the entire converted sprinkler system. Payment is calculated on the total number of drops installed.
Movement of Animal Waste - 10 to 25 miles (MAW10)	MAW10		This component includes the cost of transporting manure from an animal waste facility within a specified watershed to an area in Oklahoma that is outside the watershed located 10 miles or more and and less than 26 miles from the manure source. The waste must be applied as part of a Nutrient Management Plan in accordance with the Oklahoma practice standard for Nutrient Management (590). The cost includes only the costs associated with loading and transport of the manure. Hauling tickets will be used to substantiate the distance and the tonage of the manure transferred. Component is applicable to the producer who is purchasing and applying the waste, not the producer associated with the animal waste facility. The applicant and the area where the waste is to be applied may not have purchased or applied animal manure on any land they own or operate within the past 3 years.
Movement of Animal Waste - 26 to 50 miles (MAW26)	MAW26		This component includes the cost of transporting manure from an animal waste facility within a specified watershed to an area in Oklahoma that is outside the watershed and at least 26 miles and not greater than 50 miles from the manure source. The waste must be applied as part of a Nutrient Management Plan in accordance with the Oklahoma practice standard for Nutrient Management (590). The cost includes only the costs associated with loading and transport of the manure. Hauling tickets will be used to substantiate the distance and the tonage of the manure transferred. Component is applicable to the producer who is purchasing and applying the waste, not the producer associated with the animal waste facility. The applicant and the area where the waste is to be applied may not have purchased or applied animal manure on any land they own or operate within the past 3 years.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Movement of Animal Waste - Greater than 50 miles (MAW50)	MAW50		This component includes the cost of transporting manure from an animal waste facility within a specified watershed to an area in Oklahoma that is outside the watershed 50 miles or more from the manure source. The waste must be applied as part of a Nutrient Management Plan in accordance with the Oklahoma practice standard for Nutrient Management (590). The cost includes only the costs associated with loading and transport of the manure. Hauling tickets will be used to substantiate the distance and the tonage of the manure transferred. Component is applicable to the producer who is purchasing and applying the waste, not the producer associated with the animal waste facility. The applicant and the area where the waste is to be applied may not have purchased or applied animal manure on any land they own or operate within the past 3 years.
Native Grass Mix (NG1, GNM)	GNM	NG1	Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Native Grass Mix w/Forbs or Legumes (NG4A, GNMFL)	GNMFL	NG4A	Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Native Grass Mixture - CA (GNMA)	GNMA		Includes the cost of the seed and the labor and seeding operation (tractor, drill, and associated planting costs).
New Low Pressure Sprinkler (NLPSS)	NLPSS		This component is for the installation of a complete and operational new sprinkler irrigation system meeting the requirements of Conservation Practice Standard 442 and that delivers water to the field at nozzle pressures between 2 psi and 35 psi. The unit cost is based on a turnkey installation of the new and completely operational sprinkler system using low pressure drop nozzles for the total number of drops installed. Maximum costs for this component have been established. Payment is calculated on the total number of drops installed.
Nutrient Management - Chemigation (NMC)	NMC		This is an incentive payment to use improved technology for nutrient management applications to crops and grasses. Allowable when nutrients are applied through irrigation systems using chemigation valves and components. Applications must be according to the Nutrient Management standard (590) and not exceed recommended crop and grass yield requirements and not cause surface or ground water quality problems.
Nutrient Management - incentive (NMI)	NMI		This is an incentive payment which includes the cost of taking soil samples, getting soil tests and analysis, applying nutrients, monitoring, and record keeping in order to meet the requirements of the Nutrient Management (590) practice standard and specifications. This component is used on pasture, hay land and cropland only.
Nutrient Management - Precision Application (NMPA)	NMPA		This is an incentive payment to use advanced technology for nutrient management applications to crops and grasses. Includes the costs of application of nutrients (labor and equipment) using precision sensor technology (GreenSeeker) to deliver prescribed fertilizer through spray systems at variable rates across a crop or grass field, resulting in more efficient use of fertilizers according to the actual plant needs which are variable across the field.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Nutrient Tested Animal Waste (AWT)	AWT		This is an incentive payment which includes the cost of completing a manure analysis test sample on all wastes applied to land applications in accordance with the Oklahoma standard and specification for Nutrient Management (590).
Obstruction Removal (RO)	RO		This cost item includes the cost of all labor and equipment necessary to remove and dispose of any obstruction as defined by the Practice Standard 500 "Obstruction Removal". It can also be used to dispose of structures involved with Closure of Waste Impoundments (ex. Concrete ramps, pipe structures, etc.); however, care should be taken not to use this component when Structure Removal is needed. Payment is calculated on the volume of obstructions in cubic yards.
Old World Bluestem - CA (GOWBA)	GOWBA		Includes the cost of the seed and the labor and seeding operation (tractor, drill, and associated planting costs).
Old World Bluestem (BS1, GOWB)	GOWB	BS1	Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Orchardgrass (OG1, GOG)	GOG	OG1	Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Organic Mulch (OM)	OM		Includes the cost of labor, equipment, and the organic material used to provide a temporary mulch.
Pale Echinacea (FL5H)	FL5H		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Partridge Pea (FL5S)	FL5S		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Pest Management - establishment year only (PMI)	PMI		This is an incentive payment which can be paid during the establishment year only. It includes the cost of suppressing and/or eliminating weeds, insects, and other pests in accordance with the Pest Management (595) practice standards and specifications. This component is used only on rangeland and pasture and hay land in conjunction with Range Planting (550) or Pasture and Hay Planting (512) practices.
Pilot Channel (Sugar Creek Only) (PCSC)	PCSC		The cost component is for excavating a pilot channel in conjunction with the installation of jacks. This is for the trunkkey job, including the spreading of spoils.
Pipe – Perforated Plastic Pipe (PPVC)	PPVC		This item consists of plastic (PVC or PE) pipe of the diameter and schedule specified on the drawings with the design number and orientation of holes so to enable water to enter the pipe and be taken to a collector box as part of a spring development. This component consists of trenching and backfill around the pipe, the geotextile fabric wrap covering the pipe, and all appurtenances. Unit cost shall be determined by dividing the turn key job cost by the product of pipe dia. in inches times the length of the pipeline. Payment is computed by multiplying the inches of diameter of the pipe by the feet of length of the pipe times the unit cost.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Pipe--Polyethylene Livestock Pipe (POLYP, POLY)	POLYP	POLY	This component consists of all necessary labor and materials to install an approved Polyethylene (PE) pipe as part of a livestock watering system. The installation includes all risers and valves (air release and pressure relief) necessary to meet the design requirements. The installation process includes trench excavation, backfill, and testing. Unit cost shall be determined by dividing the turn key cost of the job by the product of pipe diameter multiplied by the length of pipeline. Payment is computed by multiplying the inches of diameter of the pipe by the feet of length of the pipe times the unit cost.
Pipe--PVC Livestock Pipe	PVC		This component consists of all necessary labor and materials to install an approved PVC pipe as part of a livestock watering system. The installation includes all risers and valves (air release and pressure relief) necessary to meet the design requirements. The installation process includes trench excavation, backfill, and testing. Unit cost shall be determined by dividing the turn key cost of the job by the product of pipe diameter multiplied by the length of pipeline. Payment is computed by multiplying the inches of diameter of the pipe by the feet of length of the pipe times the unit cost.
Pitcher's Sage (FL5B)	FL5B		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Plains Coreopsis (FL5T)	FL5T		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Plastic Inline Box Riser - less than 12 inch barrel (PIB12)	PIB12		This component is for an approved plastic water level control structure that connects to a plastic or steel pipe. The cost of installation, including clamps, nuts, bolts, and gasket materials, should be included as part of this component. This component does not include the inlet or outlet pipe to which the water level control structure attaches or backfill around the riser. This component is typically used in conjunction with the Structure for Water Control Standard – 587. This component can be installed in the embankment or in the pool area of the structure. The unit cost is for the turnkey installation of the riser.
Plastic Inline Box Riser - 12 to 15 inch barrel (PIB15)	PIB15		This component is for an approved plastic water level control structure that connects to a plastic or steel pipe. Medium refers to barrel sizes of 12 to 15 inches. The cost of installation, including clamps, nuts, bolts, and gasket materials, should be included as part of this component. This component does not include the inlet or outlet pipe to which the water level control structure attaches or backfill around the riser. This component is typically used in conjunction with the Structure for Water Control Standard – 587. This component can be installed in the embankment or in the pool area of the structure. The unit cost is for the turnkey installation of the riser.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Plastic Inline Box Riser - 18 inch or larger barrel (PIB18)	PIB18		This component is for an approved plastic water level control structure that connects to a plastic or steel pipe. Large refers to barrel sizes of 18 inches or greater. The cost of installation, including clamps, nuts, bolts, and gasket materials, should be included as part of this component. This component does not include the inlet or outlet pipe to which the water level control structure attaches or backfill around the riser. This component is typically used in conjunction with the Structure for Water Control Standard – 587. This component can be installed in the embankment or in the pool area of the structure. The unit cost is for the turnkey installation of the riser
Pond Rehabilitation – rotenone and stocking (PONDR)	PONDR		This component includes the costs of the fish toxicant (rotenone) to eradicate the fish in a pond and the cost of stock material (fish) for the restocking of the pond. This payment can only be received for one year for restocking the pond.
Prairie Clover (FL5K)	FL5K		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Precommercial Thinning of Pine by Hand – (TPT)	TPT		This component includes using a pruning shear or chainsaw to thin Pine trees. The costs associated with this include labor, fuel, and equipment.
Prescribed Burn Category 1a, 1b, 2a, 3a - (PBG1)	PB1		This component includes costs necessary to implement a prescribed burn according the written fire plan. This includes labor, fire suppression equipment, fuel, supplies, monitoring, and associated costs of deferment to build fuel if needed. This cost can be applied to the acreage devoted to pre-burned firebreaks as well as the main prescribed burn.
Prescribed Burn Category 1c, 1d, 2b, 3b - (PBG2)	PB2		This component includes costs necessary to implement a prescribed burn according the written fire plan. This includes labor, fire suppression equipment, fuel, supplies, monitoring, and associated costs of deferment to build fuel if needed. This cost can be applied to the acreage devoted to pre-burned firebreaks as well as the main prescribed burn. Generally this component involves fuel and terrain types that require extra cost for suppression and implementation.
Prescribed Burning for Seedbed Prep (BSB1)	BSB1		This component includes costs necessary to implement a prescribed burn according the written fire plan. This includes labor, fire suppression equipment, fuel, and supplis to carry out the burn.
Prescribed Grazing (PG)	PG		This is an incentive payment. Includes costs associated with the controlled harvest of plant growth by animals in accordance with a grazing plan to carry out the Prescribed Grazing (528A) practice to meet NRCS standards and specifications.
Principal Spillway Drainage Diaphragm and Filter (PSDDF)	PSDDF		This component is for the installation of a drainage diaphragm and filter around a principal spillway. The cost includes costs of material, equipment and labor for the turnkey job of installing a drainage diaphragm and filter. The cost is computed based on the cubic yards specified in the design.
Pubescent Wheatgrass (LPW1, GPW)	GPW	LPW1	Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Pump for Livestock Water Well (PLWW)	PLWW		This cost component is for the installation of an electric submersible pump and motor, with all appurtenances and labor necessary to install the pump on a newly drilled well as per design. Payment is per installation.
Pump with Electric Motor (PEM)	PEM		This cost component is for the installation of irrigation pump with electric motor. The unit cost EACH includes the cost of the gear head, column pipe, impellers, electric motor and labor necessary to install the pump and motor.
Pump with Internal Combustion Engine (PICE)	PICE		This cost component is for the installation of an irrigation pump with internal combustion engine. The unit cost EACH includes the cost of the gear head, column pipe, impellers, internal combustion engine, drive shaft and labor necessary to install the pump and engine.
Pumping Facility, Waste Water (PFWW)	PFWW		This component is for the installation of a permanent pump and appurtenances designed to handle waste water from waste storage ponds, waste treatment lagoons, or other facilities where waste water needs proper disposal. This component covers only the pump and appurtenances; it does not cover any type of power supply to the pumping plant. This component is not to be used for livestock water well pumps or deep well irrigation pumps. Care should also be taken not to use this component when a Waste Pump with a specified power plant is intended. Unit cost is for the turnkey installation of the pump. Payment is made per installation
Red Clover (FL4D)	FL4D		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Removal of Ridge (RR)	RR		This component shall consist of the necessary earth moving to eliminate the presence of an old terrace ridge so there will be no water impoundment. Cross-sections of old terraces planned for removal shall be taken, and lengths measured prior to the re-contouring of the land area. Cross sections shall be taken following construction to show that standards and specifications in Oklahoma Terrace standard (600) are achieved. Measurement and payment is by the linear foot based on pre removal measurement.
Residue Management, mulch till (RMM)	RMM		This is an incentive payment for managing the amount, orientation, and distribution of crop residues on the soil surface while planting and growing crops where the entire field has been tilled just prior to planting. This would include costs associated with completion of the Residue Management—Mulch Till (329B) practice to meet NRCS standards and specifications. This practice would include changing tillage systems from a system where very little to no crop residue is left on the soil surface during the year to a tillage system where crop residues are maintained on the soil surface until planting time each year.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Residue Management, no-till & strip till (RMNS)	RMNS		This is an incentive payment for managing the amount, orientation, and distribution of crop residues on the soil surface while planting and growing crops in narrow strips of tilled soil. This would include costs associated with completion of the Residue Management—No Till & Strip Till (329A) practice to meet NRCS standards and specifications. This practice would include changing tillage systems from a system where very little to no crop residue is left on the soil surface during the year to a no-till or strip till system where all residues are maintained on the soil surface throughout the entire year.
Residue Management, ridge till (RMR)	RMR		This is an incentive payment for managing the amount, orientation, and distribution of crop residues on the soil surface while planting and growing crops on preformed ridges alternated with furrows protected by crop residues. This would include costs associated with completion of the Residue Management—Ridge Till (329C) practice to meet NRCS standards and specifications. This practice would include changing tillage systems from a system where very little to no crop residue is left on the soil surface during the year to a tillage system where crop residues are maintained on the soil surface until planting. After planting, crop residues will be maintained in the furrows until the ridges are rebuilt by cultivation.
Retard and Diversion Fence (Sugar Creek Only) (RDFSC)	RDFSC		This cost component is for the installation of retard and diversion fences in Sugar Creek only. The unit cost linear foot includes the cost of materials, equipment and labor necessary to install the fence divided by the length of the fence.
Ridge and/or Channel (Broadbase) (RCB)	RCB		This component shall consist of constructing broadbased field terraces along the grade lines staked in the field and meeting the width and cross sectional channel area planned.
Ridge and/or Channel (Parallel) (RCP)	RCP		This item shall consist of constructing parallel terraces along the lines staked in the field and meeting the width and cross sectional channel area planned. Channel excavation may be uniform or variable so that final grade is uniform along the terrace.
Ridge and/or Channel (Standard) (RCS)	RCS		This item shall consist of constructing standard field terraces along the grade lines staked in the field and meeting the width and cross sectional channel area planned.
Riprap and Filter (RRF)	RRF		This cost component includes all materials, labor, and equipment necessary to install rock riprap, riprap bedding, gravel, and sand to neat lines and grades. Riprap is used for erosion control and armor plating of concentrated flow areas. Also included in this component is earth fill and excavation needed for foundation preparation. Care should be taken not to plan this component when Rock and/or Gravel will suffice. Payment is for the designed volume of rock and filter planned in cubic yards.
Rock and/or Gravel (ROCK)	ROCK		This component includes purchasing, hauling, delivering, and placing to the neat lines and grades shown on the design of all necessary rock and gravel. This item can include minor foundation preparation, but larger amounts of excavation should be paid for separately. Applicable practice standards are: Heavy Use Area Protection – 561, Animal Trails and Walkways – 575, and Stream Crossing – 728. Care should be taken not to plan this component where Rock Rip Rap is needed. Payment is for the designed volume of rock and filter planned in cubic yards.

## Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Rock Gabions/Rock Mattresses (RG1, GM)	GM	RG1	This cost component includes all materials, labor, and equipment necessary to install a rock gabion or a rock mattress structure. This includes foundation preparation, providing and installing all necessary appurtenances in accordance with the approved design. Payment is for the designed volume of rock and filter planned in cubic yards.
Rose Clover (FL4N)	FL4N		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Rubber Tire Tank (RTT)	RTT		Includes all materials and labor to install a rubber tire tank for use as a water tank for livestock or wildlife, including the foundation preparation, the hub plug, the apron, and plumbing. The cost is based on a turnkey installation.
Sainfoin (FL4E)	FL4E		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Seedbed prep after Mechanical Brush Removal, heavy equipment (SPHE)	SPHE		Includes the cost of bulldozer, root rake, rollerchopper, Rhone plow, or other similar heavy equipment, and labor used to prepare a seedbed in preparation for planting. This component is only used on acres that have had Mechanical Brush Removal of medium or high priority brush.
Seedbed prep after Mechanical Brush Removal, normal equipment (SPNE)	SPNE		Includes the cost of tractor or other normal farming equipment and labor used to prepare a seedbed in preparation for planting. This component is only used on acres that have had Mechanical Brush Removal of medium or high priority brush.
Seedbed Preparation for tree/shrub planting (SP)	SP		Includes the cost of tractor, equipment, and labor for all tillage trips required to prepare a seedbed in preparation of planting trees or shrubs. This component will include multiple tillage trips as required for seedbed preparation. This seedbed preparation is limited to use on land that has not previously been farmed and cultivated. This component is used for tree and shrub plantings on previously non-cultivated ground only.
Shaping and Filling Gullies (GFS)	GFS		The unit cost includes equipment and labor necessary for shaping a gully of designed shaped area.
Sheet Pile Structure (SPS)	SPS		This component covers the complete installation of a sheet pile structure meeting a standard or approved design for a Structure for Water Control for wetlands. Items of work include excavation, grading and shaping, and all labor and materials necessary for a complete installation. Rock, concrete, geotextile, or other items, if used shall be covered by their appropriate component.
Shrubs – barerooted (SHR1)	SHR1		Includes the cost of the bare root shrub seedling and the costs of planting, manual labor, equipment, etc.
Side Oats, Blue, or Hairy Grama (NG4E)	NG4E		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Sideoats Grama (GSOG)	GSOG		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Smooth Bromegrass - CA (GSBA)	GSBA		Includes the cost of the seed and the labor and seeding operation (tractor, drill, and associated planting costs).
Smooth Bromegrass (BR1, GSB)	GSB	BR1	Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Spring Box (WSB)	WSB		This item consists of a box created from plastic, concrete or other durable materials with a tight access cover. The box is used as a collection point for collection systems so that the gathered spring water may be fed through a pipeline to a suitable outlet. Unit cost is for the turnkey installation of the box itself. This does not include collection or discharge pipes; these are covered by separate component items.
Stripcropping, contour (STRC)	STRC		This is an incentive payment for establishing a systematic arrangement of equal width crop strips on or near the contour of a field. This would include costs associated with completion of the Contour Stripcropping (585) practice to meet NRCS standards and specifications. This practice would include changing existing farming patterns of the field that have not been on the contour and planting alternate strips of erosion-prone and erosion-resistant crops and/or forages along the contour of the slope.
Stripcropping, field (STRF)	STRF		This is an incentive payment for establishing a systematic arrangement of crop strips across the general slope of a field. This would include costs associated with completion of the Stripcropping, Field (586) practice to meet NRCS standards and specifications. This practice would include changing existing farming patterns of the field that have not been across the slope and planting alternate strips of erosion-prone and erosion-resistant crops and/or forages.
Structure Removal (SR)	SR		Includes cleanout and disinfectant of agricultural waste facilities that are no longer used for the intended purpose. Includes the removal and/or disabling of the waste delivery system in and from the building(s) to a waste treatment lagoon or waste storage facility; and plugging or capping of holding tanks and pipelines used in the waste delivery system. Use one structure removal unit per waste treatment lagoon, waste storage facility, or internal waste storage facility, regardless of number of buildings.
Subsurface System w/Filtration & 60 inch or less tape spacing (SDI60)	SDI60		This component is for the complete installation of a new subsurface drip irrigation system with drip irrigation tapes spaced at 60" or less. The designed and installed system must meet all requirements of Conservation Practice Standard 441. The cost will include all labor and materials to have a complete and functioning system including emitter tapes, filtering systems, valves, controllers, main and lateral lines, and any other required appurtenances.
Subsurface System w/Filtration & 80 inch tape spacing (SDI80)	SDI80		This component is for the complete installation of a new subsurface drip irrigation system with drip irrigation tapes spaced at 80" or greater. The designed and installed system must meet all requirements of Conservation Practice Standard 441. The cost will include all labor and materials to have a complete and functioning system including emitter tapes, filtering systems, valves, controllers, main and lateral lines, and any other required appurtenances.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Surge Valve (SV)	SV		This component includes the costs of purchase and installation of a surge valve and controller for use in a surface irrigation system utilizing gated pipe for delivery of water to the field. Installation and operation shall be in keeping with conservation practice standard 443 - Irrigation System, Surface. The size of the valve will be dependent on the designed flowrate of water to the field and the size of the gated pipe on which the valve will be attached. There is one established average cost per valve, regardless of size.
Sweetclover (FL4O)	FL4O		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Switchgrass - CA (GSGA)	GSGA		Includes the cost of the seed and the labor and seeding operation (tractor, drill, and associated planting costs).
Switchgrass (GSG, NG4F)	GSG	NG4F	Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Tall Fescue - CA (GTFA)	GTFA		Includes the cost of the seed and the labor and seeding operation (tractor, drill, and associated planting costs).
Tall Fescue (TF1, GTF)	GTF	TF1	Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Tall Wheatgrass - CA (GTWA)	GTWA		Includes the cost of the seed and the labor and seeding operation (tractor, drill, and associated planting costs).
Tall Wheatgrass (TW1, GTW)	GTW	TW1	Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Tap and Installation of Water Meter	WTM	WM1	This component is used to cover the installation of a water meter on a rural or other water system line for use as a supply line for livestock water. The installation must meet all state and local regulations regarding water quality. Unit costs are for the turnkey installation, including the meter. Payment is per installation.
Temporary Cover (TC)	TC		This component includes the costs for establishing a cover crop. Included in this component would be the cost for seedbed preparation, tractor use, drill, and seed costs.
Temporary Cover to Establish Residue (TCA, TCB, TCC, TCD, TCE)	TCA, TCB, TCC	TCD, TCE	This component includes the costs for establishing a cover crop. Included in this component would be the cost for seedbed preparation, tractor use, drill, and seed costs.
Terrace Reconstruction (TR)	TR		This item consists of the rebuilding of existing terrace ridge and channels when visual inspection and survey data show that the terrace does not meet the criteria as specified in the Oklahoma standard for Terrace (600). This item may require channel excavation and or placement of earth on the ridge to increase channel capacity, ridge height, and/or width to meet the size and area requirements for new terraces.
Toe Wall Structure Galvanized Steel (TWSS)	TWSS		This component includes all work necessary to install a galvanized steel toe wall structure (OK-DWG-302 or OK-DWG-302a) as designed under the Grade Stabilization Structure standard – 410. The item consists of all work and materials necessary to install the structure including necessary excavation, earthfill for the support dikes, concrete, reinforcing steel, drain tubing, drain fill, riprap on the upstream side of the structure, and site preparation. This item does not include riprap, drain fill, and geotextile on the downstream side of the structure. The unit cost is per square foot of structure. This measurement includes finished surface area of the sidewalls and weir section of the structure.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Tractor/Drill Cost (GD1)	GD1		Includes the cost of the tractor, planter, and labor for the actual planting operation.
Trash Guard (TG, TG1)	TG	TG1	This cost component is for the installation of a trash guard at the inlet of a principal spillway. The unit cost includes the materials and labor necessary for a turnkey fabrication and installation of the trash guard per applicable drawings.
Tree Establishment by Planting Hardwoods (TSPH)	TSPH		Includes the cost of the bare root hardwood seedlings and the costs of planting (labor and equipment).
Tree Establishment by Planting Pine (TP1, TSP)	TSP	TP1	Includes the cost of the bare root pine seedlings and the costs of planting seedlings (labor and equipment) in a plantation type of setting, such as tree farm, timber stand, or reforestation.
Tree Pruning (TPR)	TPR		Includes the costs of labor and equipment (clippers, shears, or saws) associated with pruning trees according to NRCS practice standard 660.
Tree Removal (TRWRP)	TRWRP		Includes the costs of labor and heavy equipment, such as bulldozers, to remove trees, stumps and other vegetation from an area in preparation for implementing another conservation practice on the area. May also include the costs of stacking and burning the material, if required, or removing the material from the site.
Trees &/or Shrubs-barerooted (PT1, TSB)	TSB	PT1	Includes the cost of the bare root seedlings and the costs of planting (labor and equipment).
Trees &/or Shrubs-potted (TSP)	TSP		Includes the cost of potted tree and shrub planting stock and the costs of planting (labor and equipment).
Trees &/or Shrubs-transplanted with tree spade (TSTS)	TSTS		Includes the cost of labor and equipment (the tree spade to dig up the planting stock and transport and transplant it) to complete the planting operation.
Turf Reinforced Matting (TRM)	TRM		This component includes all items of work required to install the Turf Reinforced Matting. This matting consists of a three dimensional matrix of plastic netting coconut fibers. The weight of each material in the matrix will be specified in the design. This component should only be used where high stresses or high velocities are expected. Care should be taken not to plan TRM when conventional Erosion Control Blankets will suffice. Items of work covered by this component may include excavating and backfilling of cutoff trenches, anchoring pins, and the matting material. This does not include excavation and grading of the structure to the neat lines and grades established for the structure on which the turf reinforced matting is installed. This component requires seeding before installation.
Upright Prairie Coneflower (FL5U)	FL5U		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Use Exclusion (UE)	UE		This is an incentive payment. Includes costs associated with restriction of access for animals, people or vehicles from an area to carry out the Use Exclusion (472) practice to meet NRCS standards and specifications. This does not include the opportunity cost of an equivalent land rental payment for the area being excluded.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Vegetation <1 acre (VEG)	VEG		Includes the cost of the seed or vegetative material and the planting operation (tractor, drill or other equipment and associated planting costs) on areas that are less than 1 acre in size. This component is per contract item. Meaning it is associated with critical area planting required to complete vegetative practices associated with one contract item. If multiple structural items are combined into one contract item and the total critical area vegetation is in excess of one acre, then this component is not to be used, the component for the specific critical area species planted is to be used.
Waste Pump with Electric Motor (WPEM)	WPEM		This cost component is for the installation of a waste pump with electric motor. Care should be taken not to plan this component when Pumping Facility, Waste Water is intended. The unit cost EACH includes the cost of the gear head, column pipe, impellers, electric motor and labor necessary to install the pump and motor. Payment is per installation.
Waste Pump with Internal Combustion Engine (WPICE)	WPICE		This cost component is for the installation of a waste pump with internal combustion engine. Care should be taken not to plan this component when Pumping Facility, Waste Water is intended. The unit cost EACH includes the cost of the gear head, column pipe, impellers, internal combustion engine, drive shaft and labor necessary to install the pump and engine. Payment is per installation.
Waste Removal Solids (WRS)	WRS		This component includes the removal and land application of solid sludge from a waste treatment lagoon or waste storage facility that is no longer used for their intended purpose. Wastewater shall be utilized in accordance with the Waste Utilization (633) and Nutrient Management (590) practice standards. Unit cost is for the complete cleanout of the structure divided by the total volume of material removed in cubic yards. Payment is based on the volume of solids removed as calculated below times the unit cost. Volumes may be estimated by taking the length/width and side slopes from the as-built drawings (if available), the measured distance between the top of the solids and the bottom of the solids. If as-built drawings are not available, the landowner will be required to furnish plans and drawings, or surveys of the waste facility. The volume will be calculated and converted to cubic yards. This estimated will be used for payment unless <u>all</u> the following conditions are met:
			1) the landowner notifies the local NRCS office that the liquid effluent has been completely removed; a before cross section survey is completed by NRCS, 2) the landowner notifies the local NRCS office when the solids have been completely removed; an after cross section survey will be completed by NRCS, 3) a new solid volume will be computed based on the before and after cross section surveys.
Water Hydrant Installed	WHI		This component includes all work necessary to install a water hydrant designed under the Dry Hydrant standard – 432. This includes all labor and material to put together the pipe and install on the site to the design elevations. It also includes the excavation and filling of any necessary trenches to install the pipe and the materials required at the outlet end for a pumping connection to fit fire department equipment. The unit cost for the turnkey installation of a hydrant.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Water Storage/Supply Tank (WSST)	WSST		This component is for the complete installation of an approved prefabricated or refurbished storage tank for use in a livestock or wildlife watering system. These tanks are not drinking facilities. Materials may be fiberglass or steel. Tanks may be of used materials provided they are refurbished and certified for the intended purpose. The cost includes all materials and labor to install the storage tank including foundation preparation and plumbing.
Water Tank - Fiberglass (FGT)	FGT		Includes all materials and labor to install the tank including foundation preparation, apron, and plumbing, based on a turnkey operation.
Water Tank - Freeze Proof (FPT)	FPT		Component is for the complete installation of an approved pre-fabricated concrete freeze proof tank. Cost includes all materials and labor on a turnkey installation, to install the tank including the headwall, the apron, and plumbing for a unit installed in the backside of an embankment. For installations that are not in the backside of the embankment, a separate pipeline design and component payment will be needed for the pipeline feeding the tank.
Water Tank/Trough w/Steel Sidewall (SS)	SS		Cost is for a watering tank with steel sidewall and concrete floor. Includes all materials and labor to install the tank including foundation preparation, apron, and plumbing, based on a turnkey operation.
Water Well Plugging - Domestic/Livestock (WWPDL)	WWPDL		This component includes all costs necessary to adequately plug a livestock well or domestic well (i.e. abandoned farmstead water well) according to the Oklahoma practice standard for Well Decommissioning (351). This does not apply to larger, deep water wells used for irrigation. Cost is paid on a total lump sum per well plugged.
Water Well Plugging - Irrigation (WWP)	WWPDL		This component includes all costs necessary to adequately plug an irrigation well complying with all Federal, State, and Local laws and regulations and according to Oklahoma practice standard for Well Decommissioning (351). This does not apply to smaller and shallower domestic and livestock water wells. Unit cost is for the turnkey plugging of each well.
Water Well Testing (WWT)	WWT		This component is for costs associated with Standard Health Department testing of water for potability. Payment is per test.
Waterway Construction/Shaping (WW1, SHAP)	SHAP	WW1	This cost component is for the shaping of a waterway. The cost includes equipment and labor necessary for a turnkey job of constructing a waterway. The units are based on the designed theoretical constructed area.
Weeping Lovegrass - CA (GLGA)	GLGA		Includes the cost of the seed and the labor and seeding operation (tractor, drill, and associated planting costs).
Weeping Lovegrass (LG1, GLG)	GLG	LG1	Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.

### Practice Component Definitions for Program Cost Lists

Component Name	Code	Code	Component Definition
Well Drilling and Casing	WWDC	WD1	This component consists of the creation of a hole by drilling, digging, boring, jetting, or other means to an aquifer and the installation of casing material to seal out undesirable surface or shallow ground water flow and to support the side of the hole through unstable earth materials. Wells must meet the criteria of the Oklahoma Water Resources Board and be drilled by a contractor having a OWRB issued license. Oklahoma practice standard 642, Water Well, shall be followed in the planning and installation of water wells. Casing materials shall be as specified in the standard. Unit price shall be determined by dividing the turnkey cost of drilling and casing the well by the product of dia. multiplied by the length. Payment is computed by multiplying the inches of diameter of the casing pipe by the feet of length of the casing pipe times the unit cost.
Western Wheatgrass - CA (GWWGA)	GWWGA		Includes the cost of the seed and the labor and seeding operation (tractor, drill, and associated planting costs).
Western Wheatgrass (NG4H, GWWG)	GWWG	NG4H	Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
White Clover (FL4F)	FL4F		Includes the cost of the pure live seed only, based on a current seed analysis in conformance with the Oklahoma Seed Law.
Wildlife Cover Planting (WA1)	WA1		Includes the costs of the seed and/or tuber and root planting stock and the labor and equipment to complete the planting.
Wildlife Upland Habitat Management (WUHM)	WUHM		This is an incentive payment for creating, maintaining, and enhancing lands other than wetlands for food and cover for wildlife, consistent with a wildlife habitat plan. This would include costs associated with completion of the Wildlife Upland Habitat Management (645) practice to meet NRCS standards and specifications.
Wildlife Wetland Habitat Management (WWHM)	WWHM		This is an incentive payment for retaining, creating, or managing a wetland habitat for wildlife consistent with a wildlife habitat plan. This would include costs associated with completion of the Wildlife Wetland Habitat Management (644) practice to meet NRCS standards and specifications.
Willow Posts (WP)	WP		This component is for the installation of cut willow posts for streambank stabilization. Posts shall be a minimum of 3 inches in diameter. Length, spacing, and layout shall be as shown on the design. Unit cost is per post