| | 5.5 | Annual/Mixed | Crop Perennial | Pasture | Forest | Associated Ag Land | Farmstead | | | | | | | | | | | |
|-----------|--|--------------|----------------|---------|--------|--------------------|-----------|-----------------------|-----------------------|----------------|------------------|------------------|------------------|---------------|-----------------|-----------|-----------|-----------|
| Code | Enhancement Name | ۹ | 3 | | | Ass | | | | | | | Not Compatible |) | | | | |
| E314133Z | Brush management for improved structure and composition | | | хх | х | | - | E314134Z E666135Z3 | E327137Z E666136Z4 | E666115Z2 | E666118Z | E666119Z | E666132Z2 | E666134Z | E666135Z1 | E666136Z2 | E666137Z7 | E666132Z3 |
| E314134Z | Brush management that maintains or enhances wildlife or fish habitat | | | хх | х | | | E314133Z | E666115Z2 | E666118Z | E666119Z | E666132Z2 | E666134Z | E666135Z1 | E666136Z2 | E666137Z7 | E666135Z3 | E666136Z4 |
| E315132Z | Herbaceous weed control that helps create desired plant communities and habitats consistent with the ecological site. | | | х | х | | | E315134Z | | | | | | | | | | |
| E315133Z | Herbaceous weed control (for inadequate structure and composition) that helps create desired plant communities and habitats consistent with the ecological site | | | х | х | | | E315134Z | | | | | | | | | | |
| E315134Z | Herbaceous weed control for plant pest pressures that helps create desired plant communities and habitats consistent with the ecological site. | | | x x | x | x | | E315132Z | E315133Z | | | | | | | | | |
| E327136Z1 | Conservation cover to provide food habitat for pollinators and beneficial insects | х | х | | х | х | х | E327136Z2 | E327137Z | E327139Z | Not compat | ible with any 33 | 8 enhancements | in first year | | | | |
| E327136Z2 | Establish Monarch butterfly habitat | Х | Х | | | Х | Х | E512139Z3 | E327136Z1 | E327137Z | E327139Z | | | | | | | |
| E327137Z | Conservation cover to provide cover and shelter habitat for pollinators and beneficial insects | х | х | | х | х | х | E327136Z1 | E327136Z2 | E327139Z | E314133Z | Not compa | ible with any 33 | 8 enhancement | s in first year | | | |
| E327139Z | Conservation cover to provide habitat continuity for pollinators and beneficial insects | х | х | | х | x | х | E327136Z1 | E327136Z2 | E327137Z | Not compat | ible with any 33 | 8 enhancements | in first year | | | | |
| E328101I | Improved resource conserving crop rotation to reduce water erosion | х | | | | | | RCCR or IRCCR | | Not compatible | e with any othe | r 328 associated | enhancements | | | | | |
| E328101R | Resource conserving crop rotation to reduce water erosion | х | | | | | | RCCR or IRCCR | | Not compatible | e with any othe | r 328 associated | | | | | | |
| E328101Z | Conservation crop rotation on recently converted CRP grass/legume cover for water erosion | х | | | | | | RCCR or IRCCR | | Not compatible | e with any othe | r 328 associated | enhancements | | | | | |
| E328102I | Improved resource conserving crop rotation to reduce wind erosion | х | | | | | | RCCR or IRCCR | | Not compatible | e with any othe | r 328 associated | enhancements | | | | | |
| E328102R | Resource conserving crop rotation to reduce wind erosion | х | | | | | | RCCR or IRCCR | | Not compatible | e with any other | r 328 associated | enhancements | | | | | |
| E328102Z | Conservation crop rotation on recently converted CRP grass/legume cover for wind erosion | х | | | | | | RCCR or IRCCR | | Not compatible | e with any othe | r 328 associated | enhancements | | | | | |
| E328106I | Improved resource conserving crop rotation for soil organic matter improvement | х | | | | | | RCCR or IRCCR | | Not compatible | e with any othe | r 328 associated | enhancements | | | | | |
| E328106R | Resource conserving crop rotation for soil organic matter improvement | х | | | | | | RCCR or IRCCR | | Not compatible | e with any othe | r 328 associated | enhancements | | | | | |
| E328106Z1 | Soil health crop rotation | х | | | | | | RCCR or IRCCR | | Not compatible | e with any othe | r 328 associated | enhancements | | | | | |
| E328106Z2 | Modifications to improve soil health and increase soil organic matter | х | | | | | ĺ | RCCR or IRCCR | | Not compatible | e with any othe | r 328 associated | enhancements | | | | | |
| E328106Z3 | Conservation crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement | х | | | | | | RCCR or IRCCR | | Not compatible | e with any othe | r 328 associated | enhancements | | | | | |
| E328107I | Improved resource conserving crop rotation to improve soil compaction | х | | | | | | RCCR or IRCCR | | Not compatible | e with any othe | r 328 associated | enhancements | | | | | |
| E328107R | Resource conserving crop rotation to improve soil compaction | х | | | | | | RCCR or IRCCR | | Not compatible | e with any othe | r 328 associated | enhancements | | | | | |
| E328109Z | Conservation crop rotation to reduce the concentration of salts | х | | | | | | RCCR or IRCCR | | Not compatible | e with any othe | r 328 associated | enhancements | | | | | |
| E328118Z | Conservation crop rotation to reduce water quality degradation by utilization and removal of excess soil nutrients with forage harvest. | х | x | | | | | RCCR or IRCCR | | Not compatible | e with any othe | r 328 associated | enhancements | | | | | |

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| | e. J | Annual/Mixed | Crop Perennial | Pasture | Forest | Associated Ag Land | Farmstead | | | | | | | | | | | |
|-----------|--|--------------|-----------------|---------|--------|--------------------|-----------|------------------------|--------------------------------------|-------------------|----------------------|----------------------|------------------|----------------|--------------|----------------------------|---------------|----------|
| Code | Enhancement Name | ₹ | ò | | | Asso | | | | | | | Not Compatible | e | | | | |
| E328134I | Improved resource conserving crop rotation to relieve plant pest pressure | х | | | | | | RCCR or IRCCR | | Not compatibl | e with any other | r 328 associated | enhancements | | | | | |
| E328134R | Resource conserving crop rotation to relieve plant pest pressure | х | | | | | | RCCR or IRCCR | | Not compatibl | e with any other | | | | | | | |
| E328136Z | Leave standing grain crops unharvested to benefit wildlife food sources | х | | | | | | RCCR or IRCCR | | Not compatibl | | | | | | | | |
| E328136Z2 | Improved crop rotation to provide benefits to pollinators | х | | | | | | RCCR or IRCCR | | Not compatibl | e with any other | r 328 associated | enhancements | | | | | |
| E328137Z | Leave standing grain crops unharvested to benefit wildlife cover and shelter | х | | | | | | RCCR or IRCCR | | | | r 328 associated | | | | | | |
| E329101Z | No till to reduce water erosion | Х | | | | | | | | | | 45 associated en | | | | | | |
| E329102Z | No till system to reduce wind erosion | Х | $\vdash \vdash$ | + | + | | \dashv | | NOT COMPA | ible with any oth | ier 329 or any 3 | 45 associated en | riancements | | + | + | | |
| E329106Z | No till system to increase soil health and soil organic matter content | х | | | | | | | Not compat | ible with any oth | er 329 or any 3 | 45 associated en | hancements | | | | | |
| E329114Z | No till to increase plant-available moisture: irrigation water | х | | | | | | | Not compat | ible with any oth | er 329 or any 3 | 45 associated en | hancements | | | | | |
| E329115Z | No till to increase plant-available moisture: moisture management | х | | | | | | | Not compat | ible with any oth | er 329 or any 3 | 45 associated en | hancements | | | | | |
| E329128Z | No till to reduce tillage induced particulate matter | Х | | | | | | E376128Z | | | | or any 345 assoc | | nents | | | | |
| E329144Z | No till to reduce energy | Х | | - | | | | E22012772 | | E2281267 | | 45 associated en | | Net somestible | | | amanta EVCEDE | |
| E338137Z1 | Sequential patch burning | | - | | Х | | | E33813722 E338137Z1 | E338140Z E33813772 | E666130Z | E666137Z2 | ible with any 612 | ible with any 61 | | | ssociated enhand | | |
| E338140Z | Short-interval prescribed burning to promote a healthy herbaceous plant community | | | | x | | | E666132Z1 | E666133X except in oak/hickory | E666137Z1 | E66613725 | E666106Z1 | E666106Z2 | E666107Z | E327136Z1 no | ot compatible in t year | E327137Z | E327139Z |
| E340101Z | Cover crop to reduce water erosion | | Х | | | | | | | | | ociated enhance | | | | | | |
| E340102Z | Cover crop to reduce wind erosion | Х | Х | | | | | | Not co | mpatible with a | ny other 340 ass | ociated enhance | ements | | | | | |
| E340106Z1 | Intensive cover cropping to increase soil health and soil organic matter content | х | | | | | | | Not co | ompatible with a | ny other 340 ass | sociated enhance | ements | | | | | |
| E340106Z2 | Use of multi-species cover crops to improve soil health and increase soil organic matter | х | х | | | | | | Not co | ompatible with a | ny other 340 ass | sociated enhance | ements | | | | | |
| E340106Z3 | Intensive cover cropping (orchard or vineyard floor) to increase soil health and soil organic matter content | | х | | | | | | Not co | ompatible with a | ny other 340 ass | sociated enhance | ements | | | | | |
| E340106Z4 | Use of soil health assessment to assist with development of cover crop mix to improve soil health and increase soil organic matter | х | | | | | | | Not co | ompatible with a | ny other 340 ass | sociated enhance | ements | | | | | |
| E340107Z | Cover crop to minimize soil compaction | Х | Х | | | | | | Not co | mpatible with a | ny other 340 ass | ociated enhance | ements | | | | | |
| E340118Z | Cover crop to reduce water quality degradation by utilizing excess soil nutrients-surface water | х | х | | | | | | Not co | ompatible with a | ny other 340 ass | sociated enhance | ements | | | | | |
| E340119Z | Cover crop to reduce water quality degradation by utilizing excess soil nutrients-ground water | х | х | | | | | | Not co | ompatible with a | ny other 340 ass | ociated enhance | ements | | | | | |
| E340134Z | Cover crop to suppress excessive weed pressures and break pest cycles | х | х | | | | | | | ompatible with a | <u> </u> | | | | | | | |
| E345101Z | Reduced tillage to reduce water erosion | Х | | | | | | | | | | 29 associated en | | | | 1 | | |
| E345102Z | Reduced tillage to reduce wind erosion | Х | \sqcup | - | _ | | 4 | | Not compat | ible with any oth | er 345 or any 3 | 29 associated en | hancements | | | + | | |
| E345106Z | Reduced tillage to increase soil health and soil organic matter content | х | | | | | | | Not compat | ible with any oth | ier 345 or any 3 | 29 associated en | hancements | | | | | |
| E345114Z | Reduced tillage to increase plant-available moisture: irrigation water | х | | | | | | | Not compat | ible with any oth | er 345 or any 3 | 29 associated en | hancements | | | | | |
| E345115Z | Reduced tillage to increase plant-available moisture: moisture management | х | | | | | | | Not compat | ible with any oth | er 345 or any 3 | 29 associated en | hancements | | | | | |
| E345128Z | Reduced tillage to reduce tillage induced particulate matter | х | | | | | | E376128Z | Not | compatible with | any other 345 | or any 329 assoc | iated enhancem | nents | | | | |
| | | | | | | | | | | | | | | | | | | |

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| - | | | | | - | ٠, | n I | T | | | | | | | | 1 |
|-----------|---|----------|---------------|---------|-------|--------|---------------------------------|----------------------|-----------------|-------------------|-----------------|------------------|-----------------|--------|--|---|
| | | lixed | nnial | ē | a) . | ة اب | Associated Ag Land Farmstead | | | | | | | | | |
| | Cross | Annual/M | Crop Perennia | Pasture | Range | Forest | armstead | | | | | | | | | |
| Code | Enhancement Name | An | Ş | | | | F | | | | | | | | | |
| E345144Z | Reduced tillage to reduce energy use | Х | | _ | + | ť | ₹ | | Not compat | ible with any oth | er 345 or any 3 | 29 associated en | Not Compatible | | | |
| E374144Z1 | Install variable frequency drive(s) on pump(s) | | х | х | | , | κ x | E374144Z2 | | , | | | | | | |
| E374144Z2 | Switch fuel source for pump motor(s) | Х | Х | Х | |) | (X | E374144Z1 | | | | | | | | |
| E382136Z | Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources. | | | х | х | | | | | | | | | | | |
| E386101Z | Enhanced field borders to reduce water induced erosion along the edge(s) of a field | х | х | | |) | (| Not co | mpatible with a | ny other 386 ass | ociated enhance | ements | | | | |
| E386102Z | Enhanced field borders to reduce wind induced erosion along the windward side(s) of a field | х | х | | |) | (| Not co | mpatible with a | ny other 386 ass | ociated enhance | ements | | | | |
| E386106Z | Enhanced field borders to increase carbon storage along the edge(s) of the field | х | х | | |) | (| Not co | mpatible with a | ny other 386 ass | ociated enhance | ements | | | | |
| E386128Z | Enhanced field borders to decrease particulate emissions along the edge(s) of the field | х | х | | |) | (| Not co | mpatible with a | ny other 386 ass | ociated enhance | ements | | | | |
| E386136Z | Enhanced field border to provide wildlife food for pollinators along the edge(s) of a field | х | х | | | > | (| Not co | mpatible with a | ny other 386 ass | ociated enhance | ements | | | | |
| E386137Z | Enhanced field border to provide wildlife cover or shelter along the edge(s) of a field | х | х | | | > | (| Not co | mpatible with a | ny other 386 ass | ociated enhance | ements | | | | |
| E386139Z | Enhanced field border to provide wildlife habitat continuity along the edge(s) of a field | х | х | | |) | (| Not co | mpatible with a | ny other 386 ass | ociated enhance | ements | | | | |
| E390118Z | Increase riparian herbaceous cover width for nutrient reduction | х | х | | | | | E390126Z | E390136Z | Not co | mpatible with a | any 391 enhance | ments | | | |
| E390126Z | Increase riparian herbaceous cover width to reduce sediment loading | х | х | | | | | E390118Z | E390136Z | Not co | mpatible with a | any 391 enhance | ments | | | |
| E390136Z | Increase riparian herbaceous cover width to enhance wildlife habitat | х | х | х | х |) | κ χ | E390118Z | E390126Z | Not co | mpatible with a | ny 391 enhance | ments | | | |
| E391118Z | Increase riparian forest buffer width for nutrient reduction | х | х | | | | | E391126Z | E391127Z | E391136Z | Not co | ompatible with a | iny 390 enhance | ements | | |
| E391126Z | Increase riparian forest buffer width to reduce sediment loading | х | х | | | | | E391118Z | E391127Z | E391136Z | Not co | ompatible with a | iny 390 enhance | ements | | |
| E391127Z | Increase stream shading for stream temperature reduction | х | х | х | x 2 | x > | κ χ | E391118Z | E391126Z | E391136Z | Not co | ompatible with a | iny 390 enhance | ements | | |
| E391136Z | Increase riparian forest buffer width to enhance wildlife habitat | х | х | х | x 2 | x > | (X | E391118Z | E391126Z | E391127Z | Not co | ompatible with a | iny 390 enhance | ments | | |
| E393118Z | Extend existing filter strip to reduce excess nutrients in surface water | х | х | | |) | (| E393122Z | E393126Z | | | | | | | |
| E393122Z | Extend existing filter strip to reduce excess pathogens and chemicals in surface water | х | х | 1 | |) | (| E393118Z | E393126Z | | | | | | | |
| E393126Z | Extend existing filter strip to reduce excess sediment in surface water | х | х | 1 | |) | (| E393118Z | E393122Z | | | | | | | |
| E449114Z5 | Complete pumping plant evaluation for all pumps on a farm | х | х | х | |) | (X | E449144Z | | | | | | | | |
| E449114Z7 | Advanced Automated IWM - Year 2-5. Soil moisture monitoring | х | х | х | | | | E449114Z8 | E449114Z6 | | | | | | | |
| E449114Z8 | Advanced Automated IWM - Year 1. Equipment and soil moisture or water level monitoring | х | х | х | | | | E449114Z6 | E449114Z7 | | | | | | | |
| E449144Z | Complete pumping plant evaluation for all pumps on a farm. | х | х | х | | , | (X | E449114Z5 | | | | | | | | |
| E472118Z | Manage livestock access to streams, ditches, and other waterbodies to reduce nutrients in surface water | х | х | х | x 2 | x > | (x | E472122Z | | | | | | | | |
| E472122Z | Manage livestock access to streams, ditches, and other waterbodies to reduce pathogens in surface water | х | х | х | x ? | x > | (x | E472118Z | | | | | | | | |
| E484106Z | Mulching to improve soil health | х | | | | | | RCCR or IRCCR | | | | | | | | |

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| | ı | | | <u> </u> | <u> </u> | - 1 - | <u> </u> | _ | | | | | | | | | | | |
|-----------|---|--------------|----------|----------|----------|--------|--------------------|---|---|---|------------------|------------------|-----------------|----------------|-----------|-----------|-------------------------------------|--|--|
| | | ixed | nnial | a | | | Associated Ag Land | aq | | | | | | | | | | | |
| | l g | Annual/Mixed | Perennia | Pasture | Range | Forest | rea A | Farmstead | | | | | | | | | | | |
| | | Annu | Crop | ď | ~ | ٠. | Socia | Far | | | | | | | | | | | |
| Code | Enhancement Name | , | Ŭ | 4 | 4 | | AS | 4 | | | | i . | | Not Compatible | | | <u>I</u> | | |
| E484128Z | Reduce particulate matter emissions by using orchard and vineyard genereated woody materials as mulch | | х | | | | | | | | | | | | | | | | |
| E511137Z1 | Harvest of crops (hay or small grains) using conservation measures that allow desired species to flush or escape. <species action<="" list="" state="" td="" wildlife=""><td>х</td><td>х</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></species> | х | х | | | | | | | | | | | | | | | | |
| E511137Z2 | Forage harvest management that helps maintain or improve wildlife habitat (cover and shelter) | х | х | х | | | | | E511139Z2 | | | | | | | | | | |
| E511139Z2 | Forage harvest management that helps maintain wildlife habitat continuity (space) | х | х | х | | | | | E511137Z2 | | | | | | | | | | |
| E512101Z1 | Cropland conversion to grass-based agriculture to reduce water erosion | х | х | | | | | Ì | E512102Z | E512106Z1 | E512132Z1 | E512140Z | | | | | | | |
| E512101Z2 | Forage and biomass planting for water erosion to improve soil health | | | х | | | | | Not co | t compatible with any other 512 associated enhancements | | | | | | | | | |
| E512102Z | Cropland conversion to grass-based agriculture to reduce wind erosion | х | х | | | | | | E512101Z1 | E512106Z1 | E512132Z1 | E512140Z | | | | | | | |
| E512106Z1 | Cropland conversion to grass-based agriculture for soil organic matter improvement | х | х | | | | | | E512101Z1 | E512102Z | E512132Z1 | E512140Z | | | | | | | |
| E512106Z2 | Forage plantings that can help increase organic matter in depleted soils | | | х | | | | | Not co | mpatible with a | ny other 512 ass | ociated enhance | ements | | | | | | |
| E512132Z1 | Forage and biomass planting that produces feedstock for biofuels or energy production | х | х | | | | | | E512101Z1 | E512101Z2 | E512102Z | E512106Z1 | E512140Z | | | | | | |
| E512132Z2 | Native grasses or legumes in forage base to improve plant productivity and health | | | х | | | | | E512133Z1 | E512136Z2 | E512140Z | | | | | | | | |
| E512133Z1 | Native grasses or legumes in forage base to improve plant community structure and composition | | | х | | | ۲ | | E512132Z2 | E512136Z2 | E512140Z | | | | | | | | |
| E512133Z2 | Forage plantings that enhance bird habitat (structure and composition) | | | х | | 2 | (| | Not co | mpatible with a | ny other 512 ass | ociated enhance | ements | | | | | | |
| E512136Z1 | Establish pollinator and/or beneficial insect food habitat | | | х | | | | | E512139Z2 | | | | | | | | | | |
| E512136Z2 | Native grass or legumes in forage base to provide wildlife food | | | х | | | | | E512132Z2 | E512133Z1 | E512140Z | | | | | | | | |
| E512137Z | Forage plantings that enhance bird habitat (cover and shelter) | | | х | | | | | Not co | mpatible with a | ny other 512 ass | ociated enhance | ements | | | | | | |
| E512138Z | Establish wildlife corridors to enhance access to water | | | х | | 7 | () | х | E512139Z1 | | | | | | | | | | |
| E512139Z1 | Establish wildlife corridors to provide habitat continuity | | | х | | | () | х | E512138Z | | | | | | | | | | |
| E512139Z2 | Establish pollinator and/or beneficial insect habitat continuity (space) | | | х | | | () | х | E512136Z1 | | | | | | | | | | |
| E512139Z3 | Establish Monarch butterfly habitat in pastures | | | Х | | | _ | | E327136Z2 | | | | | | | | | | |
| E512140Z | Native grasses or legumes in forage base Improved grazing management for water erosion | \vdash | Х | Х | \dashv | - 1 | (| + | E512132Z2 | E512133Z1 | E512136Z2 | E512101Z1 | E512102Z | E512106Z1 | E512106Z1 | E512132Z1 | | | |
| E528101Z | through monitoring activities | | | | х | | | | Not compatible with any other 528 associated enhancements | | | | | | | | | | |
| E528102Z | Improved grazing management for wind erosion through monitoring activities | | | | х | | | | | Not co | mpatible with a | ny other 528 ass | ociated enhance | ements | | | | | |
| E528104Z | Grazing management that protects sensitive areas from gully erosion | | | х | х | | | | | Not co | mpatible with a | ny other 528 ass | ociated enhance | ements | | | | | |
| E528105Z | Prescribed grazing that improves or maintains riparian and watershed function-erosion | | | х | х | х | | | | Not co | mpatible with a | ny other 528 ass | ociated enhance | ements | | | ible with any 61 unless planting | | |
| E528107Z1 | Improved grazing management for soil compaction through monitoring activities | | | х | | | | Not compatible with any other 528 associated enhancements | | | | | | | | | | | |

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| | | ixed | nial | a) | | | g Land | ρe | | |
|----------------------|---|----------|----------------|---------|-------|--------|--------------------|-----------|--|--|
| | | Annual/M | Crop Perennial | Pasture | Range | Forest | Associated Ag Land | Farmstead | | |
| Code | Enhancement Name | An | ວັ | | | | Asso | | Not Compatible | |
| E528107Z2 | Improved grazing management for soil compaction on rangeland through monitoring activities | | | | х | | | | Not compatible with any other 528 associated enhancements | |
| E528118Z1 | Prescribed grazing on pastureland that maintains/improves riparian and watershed function impairment from nutrients. | | | х | | | | | Not compatible with any other 528 associated enhancements | |
| E528118Z2 | Grazing management that protects sensitive areas- surface water from nutrients | | | | х | | | | Not compatible with any other 528 associated enhancements | |
| E528119Z | Grazing management that protects sensitive areas- ground water from nutrients | | | х | х | | | | Not compatible with any other 528 associated enhancements | |
| E528122Z | Prescribed grazing on pastureland that maintains/improves riparian and watershed function impairment from pathogens/chemicals. | | | х | | | | | Not compatible with any other 528 associated enhancements | |
| E528126Z | Prescribed grazing on pastureland that maintains/improves riparian and watershed function through minimizing sediment in surface water. | | | x | | | | | Not compatible with any other 528 associated enhancements | |
| E528127Z | Prescribed grazing that improves or maintains riparian and watershed function-elevated water temperature | | | | х | | | | Not compatible with any other 528 associated enhancements | |
| E528132Z1 | Improved grazing management for plant productivity and health through monitoring activities | | | х | | | | | Not compatible with any other 528 associated enhancements | |
| E528132Z2 | Stockpiling cool season forage to improve plant productivity and health | | | х | | | х | | Not compatible with any other 528 associated enhancements | |
| E528132Z3 | Improved grazing management for plant productivity and health through monitoring activities | | | | х | | | | Not compatible with any other 528 associated enhancements | |
| E528133Z1 | Stockpiling cool season forage to improve structure and composition. | | | х | | | х | | Not compatible with any other 528 associated enhancements | |
| E528133Z2 | Grazing management for improving quantity and quality of plant structure and composition for wildlife | | | х | х | | х | | Not compatible with any other 528 associated enhancements | |
| E528133Z3 | Improved grazing management for plant structure and composition through monitoring activities | | | | х | | | | Not compatible with any other 528 associated enhancements | |
| E528134Z | Improved grazing management that reduces undesirable plant pest pressure through monitoring activities | | | | х | | | | Not compatible with any other 528 associated enhancements | |
| E528136Z1 | Grazing management for improving quantity and quality of food for wildlife | | | х | х | х | | | Not compatible with any other 528 associated enhancements Not compatible with any other 528 associated enhancements enhancements unless plantings are protected | |
| E528136Z2 | Incorporating wildlife refuge areas in contingency plans for wildlife food | | | х | х | | | İ | Not compatible with any other 528 associated enhancements | |
| E528137Z1 | Grazing management for improving quantity and quality of cover and shelter for wildlife | | | х | х | х | | | Not compatible with any other 528 associated enhancements Not compatible with any 612 associated enhancements enhancements unless plantings are protected | |
| E528140Z1 | Maintaining quantity and quality of forage for animal health and productivity | | | х | х | | х | İ | Not compatible with any other 528 associated enhancements | |
| E528140Z2 | Incorporating wildlife refuge areas in contingency plans for livestock feed and forage | | | х | х | | | | Not compatible with any other 528 associated enhancements | |
| E550106Z | Range planting for increasing/maintaining organic | х | х | | х | | | | E550136Z | |
| E550136Z | Range planting for improving forage, browse, or cover for wildlife | х | х | | х | | | | E550106Z | |
| E578139X E580105Z | Stream crossing elimination Stream corridor bank stability improvement | X | X | | X | | | | E580137Z | |

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| | | ked | nial | | | 9 | r land | | | | | | | | | | | |
|-----------------------|--|------------|----------------|----------|-------|--------|--------------------|---------------------------|----------------------------|------------------|------------------|-------------------------|---------------------|------------------|----------------------|-----------------|-----------------|--|
| | u.u. | Annual/Mix | Crop Perennial | Pasture | Range | rorest | Associated Ag Land | | | | | | | | | | | |
| Code | Enhancement Name | An | ŏ | | | 22.5 | Asso | | | | | | Not Compatible | ! | | | | |
| E580137Z | Stream corridor bank vegetation improvement | Х | Х | Х | x > | () | (X | E580105Z | | | | | | | | | | |
| E590118X | Reduce risks of nutrient losses to surface water by utilizing precision agriculture technologies to plan and apply nutrients | х | х | | | | | | Not c | ompatible with a | any other 590 as | sociated enhanc | ement | | | | | |
| E590118Z | Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water | х | х | | | | | | Not c | ompatible with a | any other 590 as | sociated enhanc | ement | | | | | |
| E590119X | Reduce risk of nutrient losses in ground water by utilizing precision agriculture technologies to plan and apply nutrients | х | х | | | | | | Not c | ompatible with a | any other 590 as | sociated enhanc | ement | | | | | |
| E590119Z | Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater | х | х | | | | | | Not c | ompatible with a | | | | | | | | |
| E590130Z | Improving nutrient uptake efficiency and reducing risks to air quality – emissions of greenhouse gases (GHGs) | х | х | | | | | | Not c | ompatible with a | any other 590 as | | | | | | | |
| E595116X | Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques | х | х | | | | | | | | | | | | | | | |
| E595116Z | Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques | х | х | х | | | | E595129Z | | | | | | | | | | |
| E595129Z | Reduce ozone precursor emissions related to pesticides by utilizing IPM PAMS techniques | Х | х | х | x > | (| | E595116Z | | | | | | | | | | |
| E595137Z | Eliminiate use of chemical treatments to control pests and increase dung bettle populations | | | х | х | | | | | | | | | | | | | |
| E612126Z | Cropland conversion to trees for long term | х | х | | | | | | ess plantings are | | nless plantings | | nless plantings | | | | | |
| E612130Z | improvement of water quality Planting for high carbon sequestration rate | | | х | x > | , , | (X | | ected patible with 338- | | tected | are pross plantings are | otected | nless plantings | F52813771 | nless plantings | | |
| | Establishing tree/shrub species to restore native plant | <u> </u> | ^ | | | | | | | | | | | ss plantings are | | nless plantings | E528137Z1 ur | nless plantings |
| E612132Z | communities | | | | x > | () | (| Not compatible | e with 338-assoc | iated enhancem | ents during the | contract period. | | ected | | otected | | otected |
| E612133X1 | Adding food-producing trees and shrubs to existing | х | х | х | x > | , , | (x | Not compatibl | e with 338-assoc | iated enhancem | ents during the | contract period. | | ss plantings are | | nless plantings | | nless plantings |
| | plantings | | | | | | | · · | | | | | | ected | | otected | | otected |
| E612133X2 E612136Z | Cultural plantings Tree/shrub planting for wildlife food | х | | _ | _ | () | _ | Not compatibl E612137Z | | atible with 338- | | | ss plantings are | | less plantings | nless plantings | less plantings | nless plantings |
| E612137Z | Tree/shrub planting for wildlife cover | x | | _ | | 7 | | | | atible with 338- | | | ss plantings are | | nless plantings | | nless plantings | |
| E643139X | Creating native plant refugia | | Ħ | |) | | Ť | | | | | | 1 | | | | | |
| E645137Z | Reduction of attractants to human-subsidized | ¥ | х | х | x > | , , | (x | | | | | | | | | | | |
| | predators in sensitive wildlife species habitat | ^ | ^ | ^ | | | ` ^ | | | | | | | | | | | |
| E666106Z2 | Maintaining and improving forest soil quality | | \dashv | + |) | • | + | E666107Z | E338136Z | E338137Z2 | E338140Z | E666132Z3 | E666135Z3 | E666136Z4 | E666137Z8 | 1 | | |
| E666107Z | Maintaining and improving forest soil quality by limiting compaction | | | | , | (| | E666106Z2 | E338136Z | E338137Z2 | E338140Z | E666132Z3 | E666135Z3 | E666136Z4 | E666137Z8 | F24.41227 | F2441217 | F66613273 |
| E666115Z2 | Enhance development of the forest understory to improve site moisture | | | |) | (| | E666118Z E666135Z3 | E666119Z E666136Z4 | E666134Z | E666137Z7 | E666135Z1 | E666133X | E666132Z2 | E666136Z2 | E314133Z | E314134Z | Ebbb13223 |
| E666118Z | Enhance development of the forest understory to capture nutrients in surface water | | | |) | (| | E666115Z2 E666135Z3 | E666119Z E666136Z4 | E666134Z | E666137Z7 | E666135Z1 | E666133X | E666132Z2 | E666136Z2 | E314133Z | E314134Z | E666132Z3 |
| E666119Z | Enhance development of the forest understory to capture nutrients and limit their movement into | | | 1 | > | (| | E666118Z E666135Z3 | E666115Z2 E666136Z4 | E666134Z | E666137Z7 | E666135Z1 | E666133X | E666132Z2 | E666136Z2 | E314133Z | E314134Z | E666132Z3 |
| E666130Z | Increase on-site carbon storage | | \dashv | \dashv | + | () | (X | | E66613624 E33813772 | E338140Z | E666132Z3 | E666135Z3 | E666136Z4 | | | | | |
| | Reduce forest stand density to improve a degraded | | | | | | ` ^ | E666136Z2 | E666115Z2 | E666133X | E666137Z2 | E666118Z | E666119Z | E666134Z | E666135Z1 | E314133Z | E314134Z | E666132Z3 |
| E666132Z2 | plant community | | | | | (| | E666135Z3 | E666136Z4 | | | | | | | | | |
| E666133Z1 | Creating structural diversity with patch openings | | Щ | \bot |) | () | (X | | E666137Z6 | E666136Z3 | E666133X | E666137Z3 | E666132Z3 | E666135Z3 | E666136Z4 | | | |
| E666134Z | Enhance development of the forest understory to create conditions resistant to pests | | | | > | (| | E666118Z E666135Z3 | E666115Z2 E666136Z4 | E666135Z1 | E666137Z7 | E666119Z | E666133X | E666132Z2 | E666136Z2 | E314133Z | E314134Z | E666132Z3 |
| E666135Z1 | Reduce height of the forest understory to limit wildfire risk | | | | > | (| | E666118Z E666135Z3 | E666115Z2 E666136Z4 | E666134Z | E666137Z7 | E666119Z | E666133X | E666132Z2 | E666136Z2 | E314133Z | E314134Z | E666132Z3 |
| E666135Z2 | Reduce forest density and manage understory along roads to limit wildfire risk | | | | > | (| | E666136Z1 | E666132Z3 | E666135Z3 | E666136Z4 | | | | | | | |

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| Code | Enhancement Name | Crop Annual/Mixed | Crop Perennial | Pasture | Range | Forest | Associated Ag Land Farmstead | | | | | | Not Compatible | | | | | |
|-----------|--|----------------------|----------------|---------|-------|--------|---------------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|----------------------|-----------|-----------|-----------|-----------|----------------------|
| E666136Z1 | Reduce forest density and manage understory along roads to improve wildlife food sources | | | | 1 | x | | E666135Z2 | E666132Z3 | E666135Z3 | E666136Z4 | | | | | | | |
| E666136Z2 | Reduce forest stand density to improve wildlife food sources | | | | 1 | х | | E666115Z2 E314133Z | E666118Z E314134Z | E666134Z E666132Z3 | E666135Z1 E666135Z3 | E666137Z7 E666136Z4 | E666132Z2 | E666130Z | E314133Z | E314134Z | E666137Z2 | E666119Z |
| E666136Z3 | Create patch openings to enhance wildlife food source and availability | s | | | 2 | х | | E666133Z1 | E666137Z6 | E666137Z2 | E666133X | E666137Z3 | E66613273 | E666135Z3 | E666136Z4 | | | |
| E666136Z4 | Create structural diversity in dry Western forests | | | | | X) | K | Not co | mpatible with a | ny other 666 ass | ociated enhance | ements | E314133Z | E314134Z | | | | |
| E666137Z1 | Snags, den trees, and coarse woody debris for wildlife habitat | | | | , | x > | к | E338136Z | E338137Z2 | E338140Z | E666132Z3 | E666135Z3 | E666136Z4 | | | | | |
| E666137Z2 | Summer roosting habitat for native forest-dwelling bat species | | | | 1 | x > | к х | E666136Z4 | E338137Z2 | E338140Z | E399137X | E666133Z1 | E666136Z3 | E666137Z6 | E666136Z2 | E666132Z2 | E666132Z3 | E666135Z3 |
| E666137Z6 | Create patch openings to enhance wildlife cover and shelter | | | | 2 | x > | K | E666136Z3 | E666133Z1 | E666137Z2 | E666133X | E666137Z3 | E666132Z3 | E666135Z3 | E666136Z4 | | | |
| E666137Z7 | Enhance development of the forest understory to provide wildlife cover and shelter | | | | | x > | к | E666118Z E666135Z3 | E666119Z E666136Z4 | E666134Z | E666115Z2 | E666135Z1 | E666133X | E666132Z2 | E666136Z2 | E314133Z | E314134Z | E666132Z3 |

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