

2 ^{Cn'd}	<p>d) Enter the number of harvested crops in your rotation or management system that are included in the list below (or are similar to those listed if not listed): Amaranth, Chufas, Corn Grain/Popcorn, Cranberries, Desert grass, Guava, Herbs perennial, Kenaf, Maple trees for syrup, Mint all for oil, Peppermint for oil, Rice, Sesame, Small Grains, Sorghum, Sugarcane, Teff, Woody perennials with cover in the alleys including Apricots, Berry/Fruit Crops (Trees and Shrubs), Coffee, Grapes, Nut Trees, Pine Trees ornamental, Temples, other orchard/vineyards crops.</p>	<input type="text"/>
	<p>e) Enter the number of harvested crops in your rotation or management system that are included in the list below (or are similar to those listed if not listed): Dichondra, Grass Hay/Seed, Legume Hay /Seed, Lotus root, or similar herbaceous perennial crops. This does not include grass harvested for sod.</p>	<input type="text"/>
3	<p>Enter the number of times during your rotation or management system that you plant a cover crop that you do not harvest. OR for a vineyard, orchard or other permanent crop enter the percentage (expressed as a decimal number) of the time you maintain cover between the rows.</p>	<input type="text"/>
4	<p>Enter the number of different crop species/types in your rotation or management system, including different types of cover crops. For example, a corn, soybean, wheat rotation with a fall cover crop would be 4. A corn, corn, soybean rotation would be 2.</p>	<input type="text"/>
5	<p>Using a dependable source of water (precipitation or pumped), do you intentionally flood cropland for wetland wildlife when crops are not growing? To qualify, at least 1/3 of a field must be flooded. If "NO", skip to Question 6.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.1	<p>Cropland is intentionally flooded:</p> <p>a) Less than 2 months per year. <input type="checkbox"/></p> <p>b) 2 months per year on heavy clay soils (Hydrologic group C or D). <input type="checkbox"/></p> <p>c) 3 months per year on heavy clay soils (Hydrologic group C or D). <input type="checkbox"/></p> <p>d) 4 months per year on heavy clay soils (Hydrologic group C or D). <input type="checkbox"/></p> <p>e) More than 4 months per year on heavy clay soils (Hydrologic group C or D). <input type="checkbox"/></p>	
5.2	<p>Cropland is intentionally flooded:</p> <p>a) Less than 2 out of 3 years. <input type="checkbox"/></p> <p>b) 2 out of 3 years. <input type="checkbox"/></p> <p>c) Annual flooding. <input type="checkbox"/></p>	
5.3	<p>Considering all of your cropland, what percentage is normally flooded?</p> <p>a) Less than 33% <input type="checkbox"/></p> <p>b) 33 - 50% <input type="checkbox"/></p> <p>c) 51 - 75% <input type="checkbox"/></p> <p>d) More than 75% <input type="checkbox"/></p>	

<p>6 Does your rotation, orchard or vineyard include hay or other grass or legume cover? If "NO", skip to Question 7.</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>6.1 How many years of hay or other perennial(s) do you have in your rotation? OR How often do you grow a cover between rows in your orchard or vineyard? – include the establishment year.</p>	<p><input style="width: 50px; height: 20px;" type="text"/></p>	
<p>6.2 Select the choice that best describes the mix of plants you are growing for hay. FROM STATE populated look up table -Select 'Species Info' button to view Lists.</p> <p>a) Hayland is composed of species from List B. <input type="checkbox"/></p> <p>b) Hayland is predominantly species from List B but one or more species from List A makes up at least 30% of the stand. <input type="checkbox"/></p> <p>c) Hayland is composed of 1 or 2 species from List A that make up at least 60% of the stand. <input type="checkbox"/></p> <p>d) Hayland is composed of 3 or more species from List A that make up at least 60% of the stand. <input type="checkbox"/></p>		
<p>6.3 Select the choice that best describes your schedule for mowing hay. This question assesses the impact of hay mowing practices on wildlife.</p> <p>a) The entire field is cut during the nesting season <input type="checkbox"/></p> <p>b) Up to one half of the field is cut during the nesting season (with some areas excluded for wildlife) using wildlife friendly techniques (such as minimum mowing height, flushing bars, mowing toward the outside of the field, mow only during daylight). <input type="checkbox"/></p> <p>c) Hay cut after 75% of the nesting season is completed. <input type="checkbox"/></p> <p>d) Hay cut not more than once per year and is cut after 75% of the nesting season using wildlife-friendly harvest techniques. <input type="checkbox"/></p> <p>e) Hay cut not more than once per year and is cut after the nesting season. <input type="checkbox"/></p> <p>f) Hay cut occasionally, but not each year and is cut before or after the nesting season using wildlife-friendly harvest techniques. <input type="checkbox"/></p>		
<p>7 Do you have any areas such as field borders, filter strips, buffers, odd areas, windbreaks, wetlands, brushy draws, hedgerows, seeps, shallow water areas, riparian areas, vegetated ditches, CRP land, native vegetated communities, center pivot corners or other similar areas that provide wildlife, pollinator and/or beneficial insect habitat within or adjacent to your cropland (orchards, hayland, vineyards, etc.)? You must own or control these areas. If "NO", skip to Question 8.</p>		<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>7.1 Select the choice that best describes the plants growing on the areas that provide wildlife, pollinator and/or beneficial insect habitat within or adjacent to the crop/hay field.</p> <p>a) Less than 33% of the vegetation is native or introduced species that provide food and cover for wildlife, pollinators, and/or beneficial insects. <input type="checkbox"/></p> <p>b) 33-67% of the vegetation is native or introduced species that provide food and cover for wildlife, pollinators, and/or beneficial insects. <input type="checkbox"/></p> <p>c) More than 67% of the vegetation is native or introduced species that provide food and cover for wildlife, pollinators, and/or beneficial insects. <input type="checkbox"/></p>		

<p>7.2 Select the choice that best describes the AMOUNT of wildlife, pollinator and/or beneficial insect habitat within or adjacent to the crop/hay field.</p> <p>a) Habitat is less than 1% of the crop/hay field. <input type="checkbox"/></p> <p>b) Habitat is between 1% and 5% of the crop/hay field. <input type="checkbox"/></p> <p>c) Habitat is between 6% and 10 % of the crop/hay field. <input type="checkbox"/></p> <p>d) Habitat is more than 10% of the crop/hay field. <input type="checkbox"/></p>
<p>7.3 Select the choice that best describes the average WIDTH of wildlife, pollinator and/or beneficial insect habitat within or adjacent to the crop/hay field.</p> <p>a) less than 30 feet wide <input type="checkbox"/></p> <p>b) 30 to 75 feet wide <input type="checkbox"/></p> <p>c) 76 to 120 feet wide <input type="checkbox"/></p> <p>d) more than 120 feet wide <input type="checkbox"/></p>
<p>7.4 What is the average distance (ft.) from the center of the crop/hay field to the wildlife, pollinator and/or beneficial insect habitat?</p> <p>a) More than 1320 feet <input type="checkbox"/></p> <p>b) 660 to 1320 feet <input type="checkbox"/></p> <p>c) 330 to 660 feet <input type="checkbox"/></p> <p>d) Less than 330 feet <input type="checkbox"/></p>
<p>8 Do you intentionally leave unharvested crops in the field for wildlife food/cover on an annual basis? If "YES", select the choice that best describes how much you leave. If "NO", skip to question 9.</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>a) 1/4 – <1 acre of food plot or unharvested grain per 40 acres of cropland (minimum 30 feet wide and next to noncrop cover). <input type="checkbox"/></p> <p>b) > 1 acre of food plot or unharvested grain per 40 acres of cropland (minimum 30 feet wide and next to noncrop cover). <input type="checkbox"/></p>

Water Conservation and Residue Management

<p>9 Before field operations, do you check soil moisture by methods such as moisture-by-feel or more sophisticated methods to minimize soil compaction?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>10 Do you consistently use controlled traffic methods (either GPS or manual methods) to minimize soil compaction?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>

11 Answer each residue management and/or tillage system question below:

a) Enter the number of crops in your rotation that have full width tillage, deeper than 4 inches that involves soil inversion and lifting (such as plows or deep disking). This does not include fertilizer injectors.

b) Enter the number of crops in your rotation that have full width tillage, deeper than 4 inches that involves soil fracturing and lifting (such as subsoilers, rippers or paraplows). In orchards and vineyards, ignore alternate year cultivation in every other alleyway during the dry season to manage moisture competition.

c) Enter the number of crops in your rotation that have full width tillage performed after harvest and leaves more than 30% residue cover. In orchards and vineyards, ignore alternate year cultivation in every other alleyway during dry season to manage moisture competition. Does not include seedbed preparation immediately prior to planting of a cover crop.

d) Enter the number of crops in your rotation for which you use conservation tillage (includes mulch tillage) and maintain greater than 30% residue cover after planting. Residue cover includes crop residues, cover crops, composts or other natural mulch materials; it does not include plastic.

e) Enter the number of crops in your rotation for which you use a no till system that maintains greater than 50% residue cover after planting. Residue cover includes crop residues, cover crops, composts or other natural mulch materials; it does not include plastic.

f) Enter the number of crops in your rotation for which you use a no till system that maintains greater than 75% residue cover after planting. Residue cover includes crop residues, cover crops, composts or other natural mulch materials; it does not include plastic. For systems using perennials with no tillage after year of establishment, include the number of years of perennials. For vineyards, orchards or other permanent crops, enter 1 here.

12 Select the choice that best describes the average condition of crop residues left in the field during the winter for wildlife cover. If none of these apply, do not answer and skip to 13.

a) Fall tillage, undisturbed soybean residue or any kind of harvested silage.

b) Crop residue chopped or shredded with no soil disturbance or grasses or legumes are included in the rotation and cover the field during winter.

c) Crop residues are gleaned by livestock but no mechanical disturbance of residue or soils.

d) Crop residue, grain stubble, hay/forage crop, or cover crop left standing overwinter. Height is less than 8 inches.

e) Crop residue, grain stubble, hay/forage crop, or cover crop left standing overwinter. Height is greater than 8 inches.

Erosion, & Runoff Information

13	Is your cropland or hayland managed so there are no signs of erosion or gullies after a heavy rainfall, significant snowmelt, or irrigation?	<input type="checkbox"/> Yes <input type="checkbox"/> No
14	Select any of the following practices that are applied to your cropland or hayland acres:	
	contour farming (330)	<input type="checkbox"/>
	contour orchard or other fruit area (331)	<input type="checkbox"/>
	contour strip cropping (585)	<input type="checkbox"/>
	windbreaks (380)	<input type="checkbox"/>
	terraces (600)	<input type="checkbox"/>
	diversions (362)	<input type="checkbox"/>
	hillside ditch (423)	<input type="checkbox"/>
	grassed waterways (412)	<input type="checkbox"/>
	grade stabilization structure (410)	<input type="checkbox"/>
	rock barrier (555)	<input type="checkbox"/>
	contour buffer strips (332)	<input type="checkbox"/>
	herbaceous wind barriers (603)	<input type="checkbox"/>
	cross wind trap strips (589C)	<input type="checkbox"/>

Pest Management Information

15	Do you apply any pesticides on your cropland or hayland acres? If "NO", skip to Question 16.	<input type="checkbox"/> Yes <input type="checkbox"/> No
15.1	Select the choice that best describes how you manage pests on your cropland or hayland acres.	
	a) Pesticides are applied without documenting the pest population densities and locations.	<input type="checkbox"/>
	b) Some components of an Integrated Pest Management (IPM) system are used, such as pest-free seeds and transplants, cleaning tillage and harvesting equipment between fields, pest-resistant varieties, crop rotation, trap crops, pest scouting, biological pest controls, spot spraying, individual plant treatment, banding, directed spraying, manual removal, and scheduling irrigation to avoid disease development.	<input type="checkbox"/>
	c) A full Integrated Pest Management (IPM) system is utilized with scouting and economic thresholds to manage pests and reduce pest management environmental risk.	<input type="checkbox"/>
15.2	Do you use an environmental risk screening tool (such as WIN-PST or similar) to reduce pesticide risk to soil and water resources?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Nutrient Management Information

16	Do you apply fertilizers or manure on your cropland or hayland acres? If "NO", skip to Question 17.	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.1	Do you apply manure, compost, or other organic amendment to meet (but not exceed) crop nutrient needs?	<input type="checkbox"/> Yes <input type="checkbox"/> No

16.2 Do you soil test (or tissue test for orchards, vineyards, or other permanent crops) on all crop and hayland fields at least once every 5 years AND do you use the test results to plan your nutrient application rates?	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.3 Do you apply fertilizers and manures based on established or realistic crop yields from crop records AND do you give appropriate credit for nutrients from manure, cover crops, irrigation water, previous crops, or organic matter, as applicable, by using analysis or book values for these sources to plan nutrient application rates and timing?	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.4 Select all that apply when you apply fertilizer or manure. a) incorporate (within 24 hours) or inject manure or fertilizer at least 2 inches deep. b) precision agriculture techniques are used in the application of fertilizer and manure. c) apply on 80% residue cover or 80% crop canopy.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
16.5 Select the answer that best describes when you apply the majority of nutrients. a) Most of the manure or fertilizer is applied more than one month prior to planting or more than one month prior to “greenup” of perennial crops. b) Most of the manure or fertilizer is applied within one month prior to planting or within one month prior to “greenup” for perennial crops. c) Most of the manure or fertilizer is applied after crop emergence or after annual growth begins (greenup) for perennial crops. d) Most of the manure or fertilizer is applied as a split application (pre-plant & post plant), according to soil tests or crop growth stages. Application split must be at least 50% post emergence.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Salinity, Sodicty, and Irrigation Management

17 Do you have any Salinity or Sodicty (alkaline soils or seeps) concerns on your cropland or hayland acres? If "NO", skip to Question 18.	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.1 Do you manage saline seeps by using high water use, salt tolerant crops or cropping pattern to manage or minimize salinity in the soil, surface water, and/or ground water?	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.2 Do you manage nutrient application (type and rate) and irrigation based on your soil and irrigation water properties for your saline or sodic soils?	<input type="checkbox"/> Yes <input type="checkbox"/> No
18 Do you irrigate cropland and/or hayland? If "YES", answer Questions 18.1 - 18.3.	<input type="checkbox"/> Yes <input type="checkbox"/> No
18.1 Do you measure the amount of water you use to irrigate?	<input type="checkbox"/> Yes <input type="checkbox"/> No
18.2 Do you schedule your irrigations with some form of soil moisture or evapotranspiration monitoring?	<input type="checkbox"/> Yes <input type="checkbox"/> No
18.3 Has your irrigation system been tested to measure distribution uniformity and changes made based, if needed, on the results of the tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No