

Name _____

What is conservation agriculture? Activity

Choose a best management practice (from the list below) to investigate. Next, select one of the activities to show your understanding of the best management practice.

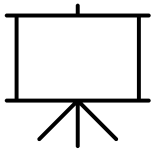
Your final product should answer the questions: What is the conservation practice? What does the practice look like? What are benefits and challenges of the practice? See rubric for requirements.

Lastly, you will introduce the class to your best management practice by presenting with your slide or fact sheet.

Best Management Practice List

conservation cover, conservation crop rotation, residue and tillage management with no-till, residue and tillage management with reduced till, contour buffer strips, cover crop, field border, filter strips, grassed waterways, mulching, stripcropping, vegetative barriers, herbaceous wind barriers, prairie strips, bioreactor, nutrient management, anaerobic digester, waste separation facility, pasture and hay planting, prescribed grazing, range planting, alley cropping, critical area planting, forest farming, windbreak and shelterbelt establishment and renovation, silvopasture, riparian herbaceous cover, riparian forest buffer, wildlife habitat planting, hedgerow planting, tree and shrub establishment, upland wildlife habitat management, farmable wetland establishment

Activity Choices



Slide – Create a slide that effectively describes a conservation practice. This should feature brief text and helpful visual(s). The slide should highlight the key points you will present to the class.



Fact Sheet – Design a single-page fact sheet that effectively describes a conservation practice. This should be easy to read and visually interesting. The fact sheet should highlight the key points you will present to the class.

What is conservation agriculture? - Rubric

	5 points	3 points	1 points
Creativity and effort	The student clearly put an extreme amount of effort and creativity into their work! Well Done!	The student put a reasonable amount of effort and creativity into their work. Nice job!	The student chose to quickly complete the work without much effort or creativity.
Presentation	The student holds audience attention seldomly looking at notes. They speak clearly and at an appropriate volume.	The student frequently returns to notes &/ occasionally uses filler words. Their volume is satisfactory.	The student reads straight from notes &/ consistently uses filler words. They are unclear and speak at a low volume.
	3 points	2 points	1 points
Topic choice	The student focused on one, approved BMP.	The student chose more than one BMP.	The student did not select an approved BMP.
What is the conservation practice?	The student thoroughly answers this question. They introduce and define the practice.	The student answers this question. They introduce the practice.	The student does not answer this question. They do not introduce or define the practice.
What does the practice look like?	The student includes a graphic or photo that helps the audience understand the practice.	The student includes a graphic or photo that does not help the audience understand the practice.	The student does not include a graphic or photo.
What are the benefits of this practice?	The student thoroughly answers this question. They list at least 3 benefits of the practice.	The student answers this question. They list 1-2 benefits of the practice.	The student does not answer this question. They do not list benefits of the practice.
What are the challenges of or barriers to implementing this practice?	The student thoroughly answers this question. They list at least 3 challenges of or barriers to the practice.	The student answers this question. They list 1-2 challenges of or barriers to the practice.	The student does not answer this question. They do not list challenges of or barriers to the practice.