

Station # \_\_\_\_\_ Name/ County: \_\_\_\_\_ Contestant #: \_\_\_\_\_

Topsoil Texture	<input type="checkbox"/> Fine <input type="checkbox"/> Medium <input type="checkbox"/> Coarse	<p>More than 40% clay</p> <p>Less than 50% sand</p> <p>At least 70% of the soil is sand</p>																																
Topsoil Thickness	<input type="checkbox"/> Thin <input type="checkbox"/> Moderately Thick <input type="checkbox"/> Thick <input type="checkbox"/> Very Thick <input type="checkbox"/> Extremely Thick	<p>Less than 5 inches</p> <p>At least 5, but less than 10 inches</p> <p>At least 10, but less than 20 inches</p> <p>At least 20, but less than 40 inches (coarse texture)</p> <p>At least 40 inches (coarse texture)</p>																																
Effective Depth	<input type="checkbox"/> Deep <input type="checkbox"/> Moderately Deep <input type="checkbox"/> Shallow <input type="checkbox"/> Very Shallow	<p>At least 40 inches</p> <p>At least 20, but less than 40 inches</p> <p>At least 10, but least than 20 inches</p> <p>Less than 10 inches</p>																																
Permeability	<input type="checkbox"/> Rapid <input type="checkbox"/> Moderate <input type="checkbox"/> Slow	<p>Coarse-textured subsoils</p> <p>Moderately coarse-textured or medium-textured subsoils</p> <p>Moderately fine-textured subsoils</p>																																
Slope	<input type="checkbox"/> Nearly Level <input type="checkbox"/> Very Gently Sloping <input type="checkbox"/> Gently Sloping <input type="checkbox"/> Sloping <input type="checkbox"/> Strongly Sloping <input type="checkbox"/> Steep <input type="checkbox"/> Very Steep	<table border="0"> <thead> <tr> <th colspan="2"><u>South Georgia</u></th> <th colspan="2"><u>North Georgia</u></th> </tr> </thead> <tbody> <tr> <td>0 - 2%</td> <td>Nearly Level</td> <td>0 - 2%</td> <td></td> </tr> <tr> <td>2+ - 5%</td> <td>Very Gently Sloping</td> <td>2+ - 6%</td> <td></td> </tr> <tr> <td>5+ - 8%</td> <td>Gently Sloping</td> <td>6+ - 10%</td> <td></td> </tr> <tr> <td>8+ - 12%</td> <td>Sloping</td> <td>10+ - 15%</td> <td></td> </tr> <tr> <td>12+ - 17%</td> <td>Strongly Sloping</td> <td>15+ - 25%</td> <td></td> </tr> <tr> <td>Above 17%</td> <td>Steep</td> <td>25+ - 60%</td> <td></td> </tr> <tr> <td>Not Applicable</td> <td>Very Steep</td> <td>&gt;60%</td> <td></td> </tr> </tbody> </table>	<u>South Georgia</u>		<u>North Georgia</u>		0 - 2%	Nearly Level	0 - 2%		2+ - 5%	Very Gently Sloping	2+ - 6%		5+ - 8%	Gently Sloping	6+ - 10%		8+ - 12%	Sloping	10+ - 15%		12+ - 17%	Strongly Sloping	15+ - 25%		Above 17%	Steep	25+ - 60%		Not Applicable	Very Steep	>60%	
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Erosion	<input type="checkbox"/> None to Slight <input type="checkbox"/> Moderate <input type="checkbox"/> Severe <input type="checkbox"/> Very Severe	<p>Less than 25% of the original topsoil lost</p> <p>Between 25 to 75% of original topsoil lost</p> <p>More than 75% of the original topsoil lost</p> <p>Gullied land. 100% of topsoil and 25-75% of subsoil lost</p>																																
Drainage	<input type="checkbox"/> Excessively Drained <input type="checkbox"/> Well-Drained <input type="checkbox"/> Moderately Well-Drained <input type="checkbox"/> Somewhat Poorly-Drained <input type="checkbox"/> Poorly-Drained <input type="checkbox"/> Extremely Poorly-Drained	<p>Coarse, sandy materials, more than 60 inches deep</p> <p>No gray depletions in top 30 inches of soil profile</p> <p>No gray depletions in top 20 inches, but in 20-30-inch zone</p> <p>Gray depletions in top 20 inches</p> <p>Soil is usually gray to surface; subsoil is predominately gray</p> <p>Soil is frequently wet to surface</p>																																
Land Capability	<input type="checkbox"/> Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> Class 4 <input type="checkbox"/> Class 5 <input type="checkbox"/> Class 6 <input type="checkbox"/> Class 7 <input type="checkbox"/> Class 8	<p>Very good land from all points of view</p> <p>Good, but not quite as good as Class 1</p> <p>Moderately good for cultivation</p> <p>Can be cultivated under careful management</p> <p>Very little slope, not subject to erosion, but poorly drained</p> <p>Suitable for permanent vegetation</p> <p>Severe limitations for permanent vegetation</p> <p>Sandy, wet or stony, used for wildlife or recreation</p>																																

Station # \_\_\_\_\_

Select the practices needed to conserve soil and water and maintain or improve conductivity by placing an “X” in the square next to the appropriate recommendation.

<b>Vegetative</b>
<input type="checkbox"/> 1. Row crop with occasional “cover crop” <input type="checkbox"/> 2. Row crop with “cover crop” every other year <input type="checkbox"/> 3. Row crops not more than 2 of 4 years <input type="checkbox"/> 4. Row crops not more than 1 of 4 years <input type="checkbox"/> 5. Return crop residue to soil <input type="checkbox"/> 6. Practice conservation tillage <input type="checkbox"/> 7. Control weeds <input type="checkbox"/> 8. Pasture management <input type="checkbox"/> 9. Establish recommended grasses and legumes <input type="checkbox"/> 10. Control grazing <input type="checkbox"/> 11. Plant recommended trees <input type="checkbox"/> 12. Harvest trees selectively <input type="checkbox"/> 13. Use only for wildlife or recreation area
<b>Mechanical</b>
<input type="checkbox"/> 14. Establish grass waterways <input type="checkbox"/> 15. Terrace and farm on contour <input type="checkbox"/> 16. Maintain terraces <input type="checkbox"/> 17. Install drainage system <input type="checkbox"/> 18. Control gullies
<b>Lime and Fertilizer Applications</b>
<input type="checkbox"/> 19. Lime <input type="checkbox"/> 20. Manure <input type="checkbox"/> 21. Nitrogen (N) <input type="checkbox"/> 22. Phosphorus (P) <input type="checkbox"/> 23. Potassium (K) <input type="checkbox"/> 24. Magnesium (Mg) <input type="checkbox"/> 25. No lime or fertilizer needed

Contestant #: \_\_\_\_\_

Part 1 Score \_\_\_\_\_

Name: \_\_\_\_\_

Part 2 Score \_\_\_\_\_

County: \_\_\_\_\_

Total Score \_\_\_\_\_