

Student Worksheet 3: The Life and Work of Frederick Watts

1. When did Frederick Watts live? Birth: _____ Death: _____
2. How do you think he became interested in agriculture?
3. What else interested Watts? How do we know?
4. What invention did Frederick Watts demonstrate to an audience in Carlisle? What did the audience think of the invention? What farming work method was the invention designed to replace?
5. Watts was the first president of an organization dedicated to promoting scientific agriculture. What was it called?
6. What was one of the ways this organization fulfilled its mission and promoted scientific agriculture?
7. How did Watts advance agricultural education in Pennsylvania?
8. Name one characteristic that made Frederick Watts' experimental farm more efficient.
9. Watts introduced a Mediterranean winter wheat to farmers in Pennsylvania in order to avoid attacks on the grain by the dreaded Hessian fly. Why? (circle one)
 - a. The Hessian fly did not like the taste of the Mediterranean winter wheat.
 - b. Mediterranean winter wheat matured and could be harvested before the Hessian fly became active.
 - c. The Hessian fly had never seen Mediterranean winter wheat before and didn't know it could eat it.
10. In your own words, why was Frederick Watts so important to the history of agriculture?