Integrating Sheep Wool Pellets with Specialty Crop Systems to Enhance Soil Health, Water Storage, Carbon Sequestration, and Plant Production

April 2024 May/June 2024 March 2024 July/August2024 Purchase Pelleting Purchase Wool Plant broccoli and brussel Plant broccoli and brussel •Utilize 2023 soil tests to sprouts seedlings Equipment sprouts in 4 rows total in field determine wool pellet Prepare field for planting [3' x 100' rows] •Begin Pellet production application rate Apply wool pellets to one 300 •2 rows broccoli (control and Pellet Production ft² row for each crop wool pellets) Preparation for Field Day •2 rows brussel sprouts (control and wool pellets) **Planning Phase** December 2024 January 2025 October 2024 November 2024 September 2024 •WORLD SOIL HEALTH Harvest and •FIELD DAY Demonstration Harvest brussel sprouts and Harvest brussel sprouts DAY 5th Informal Nutrient broccoli and broccoli Harvest and Nutrient sharing of project at Analysis kale Analysis brussel sprouts and Soil testing • Farmers Meet to reflect Farm Stop broccoli and discuss project and •Plant 2 rows kale in high Harvest kale •Prepare high tunnel beds for tunnel (control and wool develop Survey of pellets) farmer interest in wool pellet amendment Apply wool pellets to one •Share work with elementary 300 ft² row school farm to school visits **Implementation Phase** February 2025 March 2025 April and May 2025 • Small Farm Conference Annual Meeting Monroe • Two-page **Graphic Summary Presentation and Survey of County Soil and Water Sheet** for sharing at meetings **Farmer Interest in Wool Pellets Conservation District** and future farm events Presentation Information shared on websites • Final Report for NCR-SARE

Dissemination Phase