



325 – HIGH TUNNEL SYSTEM IMPLEMENTATION REQUIREMENTS

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| Name: | Farm No./Tract No.: |
| Address: | Field Number(s): |
| Assisted by: | Financial Assistance Program: |
| Date: | Contract Number: |

Practice Purpose: To improve plant health and vigor.

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| Planned crops: (check all that apply) <input type="checkbox"/> Fruits <input type="checkbox"/> Vegetables <input type="checkbox"/> Other specialty crops | Growing season(s) when the structure will be used: (check all that apply) <input type="checkbox"/> Spring <input type="checkbox"/> Summer <input type="checkbox"/> Fall <input type="checkbox"/> Winter |
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Associated Practices

This practice may be applied alone or in combination with other supporting Delaware conservation practice standards.

The following practices are needed, and have been or will be implemented outside houses: (check all that apply)

- Critical Area Planting (342) - IR worksheet attached and/or Mulching (484) - IR worksheet attached
- Heavy Use Area Protection (561) - construction plan attached
- Roof Runoff Structure (Infiltration Trench) (558) - along each side; construction plan attached
- Underground Outlet (620) - construction plan attached
- Water Well (642) - construction plan attached Other practices (specify):

The following practices are needed, and will be implemented inside houses: (check all that apply)

- Conservation Crop Rotation (328) - IR worksheet attached
- Integrated Pest Mgt. (595) - IR worksheet attached and/or Nutrient Mgt. (595) - IR worksheet attached
- Irrigation System, Microirrigation (441) - construction plan attached
- Irrigation Water Management (449) - construction plan attached

No associated practices are needed.

Practice Specifications

High Tunnel System Layout

Practice location(s) is/are shown on the conservation plan map.

High Tunnel System Specifications

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| Style of structure: (check one) <input type="checkbox"/> Gothic (peaked roof) <input type="checkbox"/> Quonset (rounded roof) | Name of manufacturer: |
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Dimensions:

Length _____ Ft Width _____ Ft Floor Area _____ SqFt

Height (at peak of roof) _____ Ft

Cover material - must have minimum 4-year manufacturer's warranty: (check one or both)

Polyethylene, minimum 6-mil greenhouse grade, UV-resistant Shade cloth

Additional Specifications/Notes:

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| Construction Requirements | | |
| <ul style="list-style-type: none"> • It is the responsibility of the landowner or operator to contact Miss Utility at 1-800-257-7777 (or dial 811) at least 2 business days in advance of construction to locate and mark underground utilities. • Prepare the site according to the high tunnel manufacturer's instructions. • Lay out the building location according to the site plan. • Assemble the high tunnel according to manufacturer's instructions. • Install supporting practices as required, according to construction plans provided. | | |
| Operation and Maintenance (check all that apply) | | |
| <input type="checkbox"/> Periodically inspect the high tunnel structure and cover. Promptly repair, reinstall, or replace components as needed. <input type="checkbox"/> Follow the manufacturer's instructions for proper operation and maintenance of each component of the high tunnel. <input type="checkbox"/> Shade cloth may be used in place of, or in addition to, the impervious plastic cover to provide protection from the sun and lengthen the growing season for cool-season crops. <input type="checkbox"/> Apply soil amendments periodically, based on soil test results, to meet desired yield goals and promote plant growth. The use of commercial fertilizer and other forms of plant nutrients must be in compliance with Delaware nutrient management regulations. <input type="checkbox"/> Outside of the high tunnel, maintain permanent vegetation or other soil cover as needed to control erosion. Inspect runoff control measures after every significant rainfall event. Repair promptly, as needed. <input type="checkbox"/> Avoid damage to the structure from equipment operated in and around the high tunnel. <input type="checkbox"/> Remove and store the plastic cover after the growing season and before heavy snow/ice to avoid damage to the structure. Re-install the cover prior to use in the spring. <input type="checkbox"/> If the high tunnel will be used year-round, manage the structure in a manner that limits wind, snow, and/or ice damage. Promptly remove heavy snow and ice from the high tunnel to prevent structural failure. <input type="checkbox"/> Producers are responsible for repairing any damage to the high tunnel, such as that caused by operating equipment, wind, ice and/or snow for the 5-year lifespan of the practice. <input type="checkbox"/> The high tunnel cannot be used to provide shelter or housing for any livestock or poultry, or to store supplies or equipment. <input type="checkbox"/> Other requirements or follow-up needed (describe): | | |
| Plan Approval | | |
| Certified Planner Signature | Title | Date |
| Plan Received and Accepted | | |
| Client Signature | Date | |
| Certification of Practice Completion | | |
| <p>This High Tunnel System Practice has been implemented and meets the requirements of Delaware NRCS Conservation Practice Standard 325. Any changes to the planned practice are noted in Practice Specifications.</p> | | |
| Certified Planner Signature | Title | Date |