



HIGH TUNNEL SYSTEM CODE 325

Maryland Conservation Practice Implementation Requirements and Certification

Cooperator Name	County	Planner	Date
Farm/Tract/Field(s)	Program/Contract No. (if applicable)		Amount Planned SF

Purpose: To improve plant health and vigor.			
Planned crops: (check all that apply) Fruits Vegetables Other specialty crops		Growing season(s) when the structure will be used: (check all that apply) Spring Summer Fall Winter	
Associated Practices			
<p>This practice may be applied alone or in combination with other supporting Maryland conservation practice standards.</p> <p>The following practices are needed, and have been or will be implemented <u>outside</u> houses: (check all that apply)</p> <p style="padding-left: 20px;">Critical Area Planting (342) - IR worksheet attached and/or Mulching (484) - IR worksheet attached</p> <p style="padding-left: 20px;">Heavy Use Area Protection (561) - construction plan attached</p> <p style="padding-left: 20px;">Roof Runoff Structure (Infiltration Trench) (558) - along each side; construction plan attached</p> <p style="padding-left: 20px;">Underground Outlet (620) - construction plan attached</p> <p style="padding-left: 20px;">Water Well (642) - construction plan attached Other practices (specify):</p> <p>The following practices are needed, and will be implemented <u>inside</u> houses: (check all that apply)</p> <p style="padding-left: 20px;">Conservation Crop Rotation (328) - IR worksheet attached</p> <p style="padding-left: 20px;">Integrated Pest Mgt. (595) - IR worksheet attached and/or Nutrient Mgt. (595) - IR worksheet attached</p> <p style="padding-left: 20px;">Irrigation System, Microirrigation (441) - construction plan attached</p> <p style="padding-left: 20px;">Irrigation Water Management (449) - construction plan attached</p> <p>No associated practices are needed.</p>			
Practice Specifications			
Style of structure: (check one) Gothic (peaked roof) Quonset (rounded roof)		Manufacturer	
Length (Ft)	Width (Ft)	Center Height (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:			

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	
<ul style="list-style-type: none"> • Periodically inspect the high tunnel structure and cover. Promptly repair, reinstall, or replace components as needed. • Follow the manufacturer's instructions for proper operation and maintenance of each component of the high tunnel. • 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. • 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 Maryland nutrient management regulations. • 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. • Avoid damage to the structure from equipment operated in and around the high tunnel. • 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. • 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. • 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. • The high tunnel cannot be used to provide shelter or housing for any livestock or poultry, or to store supplies or equipment. <p>Other requirements or follow-up needed (describe):</p>	
CERTIFICATION (FOR AGENCY USE ONLY)	
Supporting Documentation (for file)	
Map showing practice location	Associated practice IR sheets
<p>Planning Certification</p> <p>This practice was planned according to NRCS standards and specifications.</p> <p style="text-align: center;">Job Class: _____</p>	<p>Implementation Certification</p> <p>This practice was applied according to NRCS standards and specifications.</p> <p style="text-align: center;">Amount: _____ Date: _____</p>
_____ Signature by individual with appropriate JAA Date	_____ Signature by individual with appropriate JAA Date
Reporting Checklist	
CPA-06 Notes File copy of completed IR sheet	Report in Toolkit Other reporting tools (optional)