Conservation Planning - Urban & Small-Scale



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Choose Your Adventure!

- A) "Yah.. that's not going to work. It's too small."
- B) "Do you sell over \$1,000 a year?"
- C) "You have reached the voicemail of..."
- D) "Thanks for reaching out, We can help with practices to improve soil and natural resources! Soil health is important on all scales!"



FARM NUMBER & ELIGIBILTY

- 1) Direct to <u>Farm Service Agency</u> to obtain Farm Number and complete eligibility documents.
- 2) "I'm a non-for-profit? Can I get a Farm Number?" Direct to FSA.
- 3) Schedule a site visit to assess resource concerns and discuss goals and practices.
- 4) Then direct to apply, if interested, by sending CPA1200 to USDA-NRCS District Conservationist with Farm Number. "I can send this to you and/or help you fill it out during our site visit."
- 4) If you have any questions on the application, please ask. It is brief and I can walk you through filling it out.

- 1) Soil Map
- 2) Topo Map
- 3) IDEM What's in My Neighborhood?
- 4) Aerial History
- 5) Higher quality third party map for planning such as Google Earth

Soils Map

Sources:

- Web Soil Survey
- Conservation Desktop

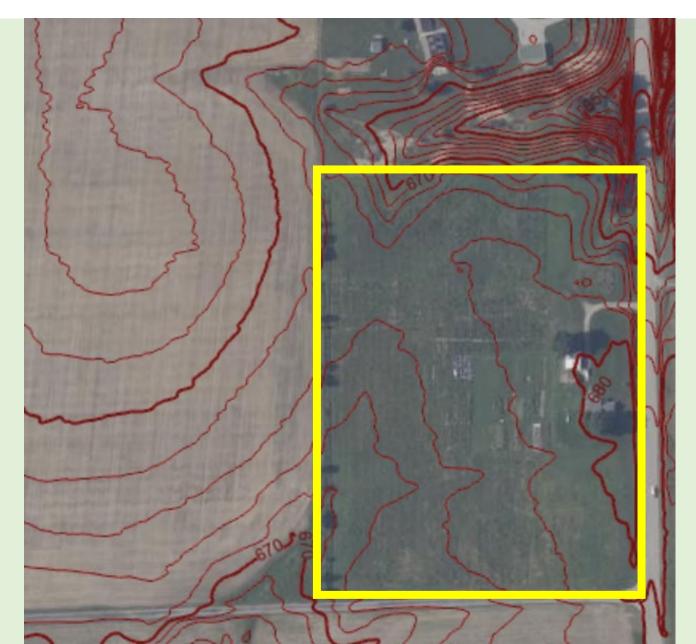


Map Unit Legend										
			2							
Je	efferson County, Indi	ana (INC								
Jeffersor	n County, Indiana ((IN077)	8							
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI							
CnB2	Cincinnati silt loam, 2 to 6 percent slopes, eroded	1.8	15.8%							
DeC2	Deputy silt loam, 6 to 12 percent slopes, eroded	0.4	3.4%							
DeC3	Deputy silt loam, 6 to 12 percent slopes, severely eroded	0.0	0.0%							
RoA	Rossmoyne silt loam, 0 to 2 percent slopes	9.3	80.7%							
Totals f Interes	or Area of t	11.6	100.0%							

Topo Map

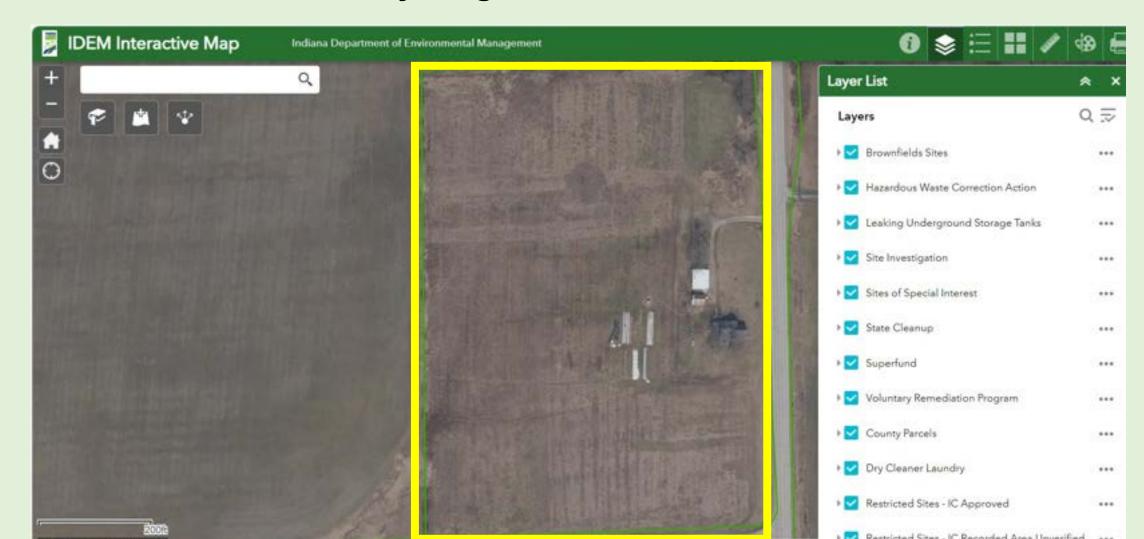
Source:

- Conservation Desktop
 - 2' Contour layer



Potential Contamination

Source: IDEM What's in My Neighborhood?



Aerial History

- Conservation Desktop
- Web Soil Survey





Aerial History

Google Earth or Maps



Cropland Resource Concerns

Conservation Planning Tool - CART

Sele	ember, 2023 ect applicable Land uses, Modifiers and other factors, then IP, CTA)	select R	tesource concerns to assess Prepare Form (Ctrl+z)		Once you have selected Landuses, modifiers, other factors and resource concerns, click the button to the right to return to the questions and filter out resource concerns that are not selected for assessment.		Indiana version January 2, 21		
1. 84	elect Land uses	4. Selec	f Resource Concerns				and the state of t		
	Associated Ag Land		Indiana Required Resource Concerns to Assess (EQIP, CTA)	Fire r	management	Stor	rage and handling of pollutants		
3	Crop Air quality emissions			Wildfire hazard from biomass accumulation		Nutrients transported to groundwater (storage and handling of pollutants)			
	Farmstead		Emissions of airborne reactive nitrogen	Ineth	cient energy use		Nutrients transported to surface water (storage and handling of pollutants)		
	Forest		Emissions of greenhouse gases - GHGs		Equipment and Facilities		Petroleum, heavy metals and other pollutants transported to groundwater		
	Pasture		Emissions of ozone precursors		☐ Farming/Ranching Practices and Field Operations		Petroleum, heavy metals and other pollutants transported to surface water		
	Other Rural Land		Emissions of particulate matter (PM) and PM precursors	Lives	Livestock production limitation		restrial habitat		
п	Developed Land		Objectionable odor		Feed and forage balance		Terrestrial habitat for wildlife and invertebrates		
	Range	Aquatic habitat		☐ Inadequate livestock shelter W		Weather resilience			
2. 84	Hect Applicable Modifiers		Aquatic habitat for fish and other organisms		Inadequate livestock water quantity, quality and distribution		Drifted snow		
	Irrigated		Elevated water temperature	Pest	pressure		Naturally available moisture use		
0	Grazed	Concent	encentrated erosion		Plant pest pressure		Ponding and flooding		
	Wildlife		Bank erosion from streams, shorelines or water conveyance channels 5		osses to water		Seasonal high water table		
0	Water Feature	2	Classic gully erosion		Salts transported to groundwater		Seeps		
3. 54	elect Other Factors	2	Ephemeral gully erosion		Salts transported to surface water	-	d and water erosion		
3	Manure, compost or biosolids applied	Degrade	d plant condition	Soil	quality limitations	0	Sheet and rill erosion		
	Nutrients Applied	B	Plant productivity and health	0	Aggregate instability	0	Wind erosion		
	Pesticides Applied		Plant structure and composition	2	Compaction	_	g Term Protection of Land		
	Confined or Concentrated Animals	Field per	sticide loss	_	Concentration of salts or other chemicals		Loss of functions and values		
	Nutrients are stored on one or more PLU's		Pesticides transported to groundwater	2	Organic matter depletion		Threat of conversion		
	Livestock are present on one or more PLU's		Pesticides transported to surface water	E	Soil organism habitat loss or degradation	-	*		
	12	Field sediment, nutrient and pathogen loss		☐ Subsidence			Č		
	4.00	3	Nutrients transported to groundwater (field loss)	Sour	ce water depletion				
	Clear Landuses, modifiers and other factors	2	Nutrients transported to surface water (field loss)		Groundwater depletion				
in	diana Required Resource Concerns to be assessed for selected	2	Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater		mefficient imigation water use				
La	nduses, modifiers and other factors are shown in Green>	Pathogens and chemicals from manure, blos olids or compost applications transported to surface water		Surface water depletion		Print Selected Land uses, modifiers and RC's			
	Select Required	B	Sediment transported to surface water			-	r mad deserved dating stock, insperities date and an		
				Clear Resource Concerns (Select All)			update typical resource concerns for land us-		

Site visit observations & questions

- 1. Are any gullies visible?
- 2. "How do you prepare your beds? How do you weed? What tools do you use" a. Any full width tillage
- 3. "Do you use cover crops?"
- 4. "Are you producing crops every week/month of the year that you want?"
- 5. Are there any sensitive areas or wells on the farm or adjacent?
- 6. "Do you soil test?"
- 7. "Do you apply nutrients (including compost)? How do you determine how much to apply?"
- 8. "Do you water your crops? How? For how many years?"

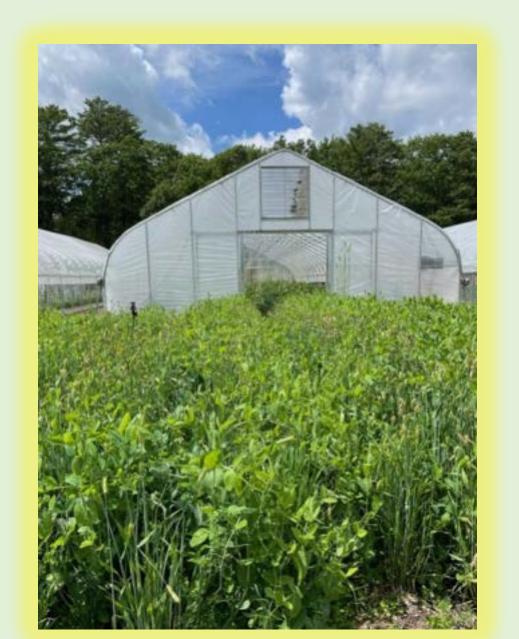
Maps and Notes

Feel free to follow along and make notes and draw practices on your map!





Planning! High Tunnel System



High Tunnel 30' x 48'



Planning! Microirrigation





Drip microirrigation 150' x 160'



Planning! Cover Crops

All current beds plus 50' x 120'





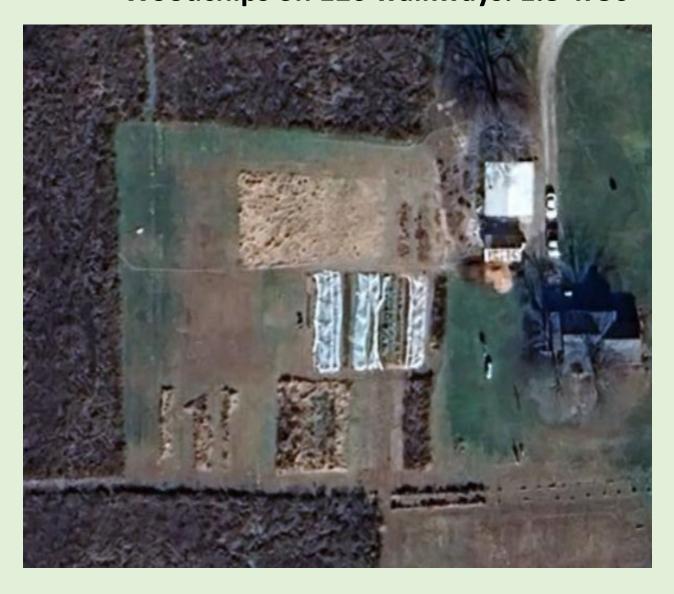


Planning! Mulching



Mulching:

Compost on 120 growing beds: 2.5' x 50' Woodchips on 126 walkways: 1.8' x 50'



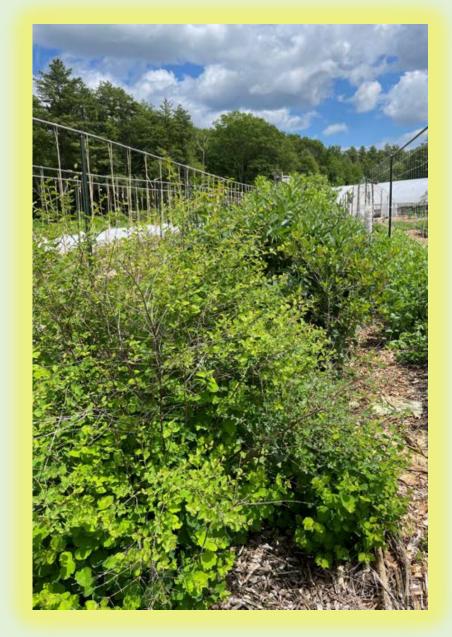
Planning! Low Tunnels

Low Tunnels on 40 2.5' x 50' beds





Planning! Hedgerow



Hedgerow



Planning! Wildlife Planting



Pollinator Planting - plugs Pollinator Planting - seed



High Tunnel System

PROVIDE:

1) High Tunnel IR

RESOURCE CONCERNS: Plant productivity and health

SUPPORT:

- 1) Purdue High Tunnel Handbook
- 2) Marionswcd.org High Tunnel Suppliers List



High Tunnel System Practice Code 325

High Tunnel System Implementation Requirements

Description

A High Tunnel System (I-CTS) is an exclosed plantic, polyethylene, flatic, or polycarbonolic lend walls only! covered shacture that protects crops from sais, while exercise carried, antiline cost.

Improved Plant Productivity and Health

High trained systems extend the privaring costoriby increasing soil and air temporalizers, protecting crops against heaves and providing registative growth. A HTS can extend the growing season to pair exact production by modifying the growing sovietnment. The grower can control temporature, soothure, and windrivan exposure in high turved systems to resissing paird stress and maximum plant productivity.

Requirements

- Crops must be grown in the natural soil profits.
 or in tutsed bads up to 12 mobes in height.
- This practice does not apply to crope gross outside of the natural soil prefile (on tables) benches, portable pols, hydropoxics, etc.3
- Install high furners according to nunufacturers' instructions.
- End with rest be constructed. Local building materials or a manufactured kit may be used.
- The HTS traine must be at least 6 lest in height at the ireak of the structure. It should be tall enough to accumenculate topical operations.
- The covering must have a min. 4-year lifespan. Use a various at 6 collector growthouse grade. UV resistant material for polyethylene covers.
- Seed all disturbed areas to control ension.
- HTS are not greenhouses or low turnel.
- HTS cannot be used to provide shelter? Nousing for livestock or to store supplies or equipment.



trageroused prison produce risely used houses in a logal narrow and no

- If the site is potentially impacted by paring rigidations or construction parrietting, work with the regulatory authority surty in planning and prior to contracting and construction.
- Before you dig and at least 2 working days prior to exavation, contact Indiana 911 by calling 815 or at indianal(11.org for lacation of undergoon) utilities. Seware of overhead utilities.

Site Selection:

- Ley task the structure location according to the site plan. The primitation of the burnel is dependent as logistics, sessors and crops that will be grown. East went orientation will optimize our exposure and a beneficial to areas north of 400 behalls. In locations south of 400 latitude, consider contribution primitation for maximum sentilation during the accessing the programment of the primitation of the maximum sentilation.
- The natural slope should be less than 5%.
- Liycute the structure rear a viable water source for irrigation.
- High tunnels can create distinger and practing resures under certain soil and/or landscape conditions. When rended, desert rained away from the HTS by installing water management tractures such as gutters, nock trend her, undergraned outlets or diversions.



Indiana High Tunnel Handbook

Analena Bruce, Postdoctoral Research Fellow, Indiana University

Blasbeth Maynard. Osnial Expigement

Assistant Professor of Horticulture, Purdue University

James Farmer,

Associate Professor and Co-Silvector of ISI Comput Form, Indiana University

Jenas Carpenter,

Brood and Bases Burnery, CLC

Low Tunnel System



Low Tunnel System Practice Code 821

Low Tunnel System Overview

Description

A Low Tunnel System (LTS) is an endused plastic, polyethylene, fabric, or polycarbonate covered structure that protects crops from sur, wind, excessive rainfall, or cold, extends the growing season and/or reduces pest persuine.

Low tunnels are small, portable structures that are no more than 4 feet in height. They are inexpernive, early to construct and, if cared for, will last multiple growing seasons. They provide benefits in high tunnel systems and field conditions.

- Improved plant productivity and health
- Reduced plant pest pressure

Plant Productivity and Health

Low turnels extend the growing season by increasing soil and air temperatures, protecting crops against mild freezes and promoting vegetative growth.

Depending on the covering used and crops grown, low tunnels can extend the growing season by at least two wisels in the spring and fall and up to yearmund production.

Low bornesh reduce plant stress by modifying the microenvironment within the tunnel. In addition to increasing temperatures, low tunnels reduce light intensity and block wirst. These environmental modifications reduce evapotranspiration rates and decrease water stress in plants, resulting in healthier and more productive plants.

In areas where winter weather is significant, low funnels can provide a physical barrier to lice and snow, enabling crops to successfully overwinder.

Reduced Pests

Low furniel system use can significantly reduce pest damage and the viral diseases pests may transfer. Low tunnels include pest access to the crop. When



Swatch extension and personalister of cool security only units 2-blar turned system.

covers are applied immediately after planting, they decrease populations of calibage worms, loceers, onion maggirs, Colorado potato beeties, aphids, cutworms and field beeties. Low tunnels are also used to exclude birst from ripering fruit.

A decrease in pesticide use, labor and crop loss can occur when low turnels are used as a pest management strategy.

For crops that depend on insect pollination, it may be necessary to remove the row cover during the flowering stage to allow for pollination.

Materials and Construction

A low tunnel system is comprised of three components: the structum, covering and anchors.

Structure

A low turnel structure is typically constructed of hoops placed every 4-5 ft down the row or bed. The



NEWSHIRES JANUARY 350

PROVIDE:

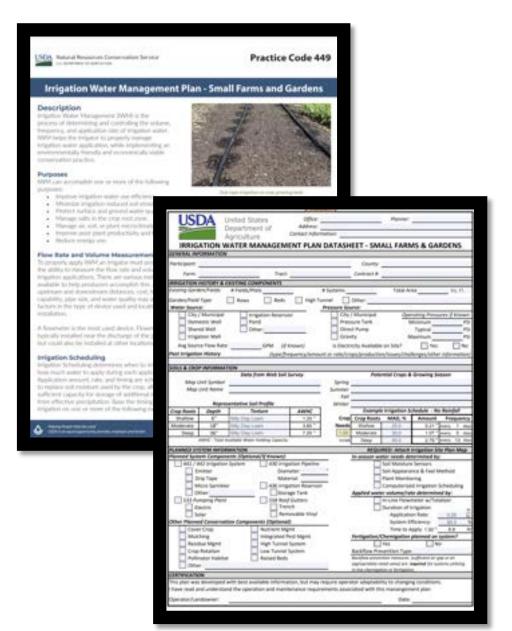
1) Low Tunnel Practice Overview

RESOURCE CONCERNS: Plant productivity and health Plant pest pressure

SUPPORT:

- 1) Low Tunnel: INNRCS Training
 - Youtube
- 2) Marionswcd.org High Tunnel Suppliers List

Irrigation Practices



PROVIDE:

- 1) Irrigation Water Management Plan
 - Planner and producer fill out as much as possible
 - Planner provides IWM to NRCS TECH TEAM with engineering request
- 2) Engineering Designs (most likely after application preapproval)

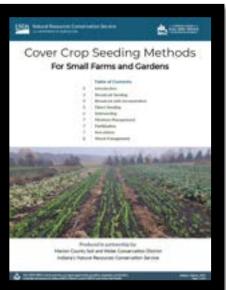
RESOURCE CONCERNS: Inefficient water use

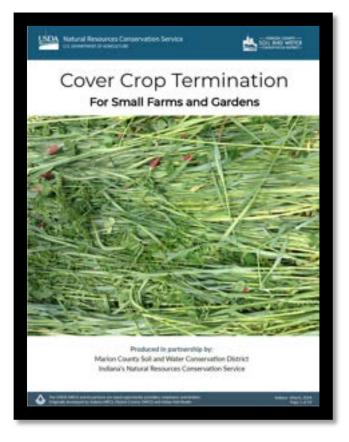
SUPPORT

- 1) urbansoilhealth.org
- 2) Manufacturer's websites and contact

Cover Crops







PROVIDE:

- 1) Cover Crop Overview
- 2) Cover Crop Seeding Methods
- 3) Cover Crop Termination
- 4) Indiana Cover Crop Tool

RESOURCE CONCERNS:

Erosion, low organic matter, pest pressure, moisture, habitat, excess soil nutrients, any resource concern listed in the conservation practice standard

SUPPORT

- 1) marionswcd.org/soilhealth
- 2) MCSWCD Favorite Mixes
- 3) Expert farmer books & online
- 4) Urban Soil Health, SWCDs

Cover Crops Implementation Requirement Indiana Cover Crop Tool for Small Farms and Gardens

Indiana Cover C	rop Create	a Mix	Notes		USDA	Natural Resources Conservation Se				
Name	Megan	Ayers								
Location		h								
Year	2025									
Total Area of All Mixes (sqft)	5000									
Total Area (acres, rounded up)	0.2									
	Guide	nce located a	t the bottom o	f this sheet.						
MIX 1				No	otes					
Area of Bed (sqft)	250									
# of Beds										
Total Area (sqft)	5000									
Cover Crop Species	Type Rate		Divisor	Rate PLS Oz/100sqft	PLS %	Amount per Bed	Amount pe Total Area			
Oats *	Grass	High		4.7	80	0 lb 14.7 oz	18 lb 5.8 o			
Pea, Field ▼	Legume	Low	7 37	1.1	100	0 lb 2.8 oz	3 lb 7.1 oz			
-			-		100					
			7 7		100					
*			*	-	100					
		<u> </u>	-		100		ļ			
		1	-		100		24 11 42 2			
Olassia - State - d	To continue the	Markad	Totals	5.8		1 lb 1.5 oz	21 lb 12.8 c			
Planting Method	Termination			anned Next Cro	ps	Cost E	stimate			
Broadcast + Incorporation *	Winterk	389	Early sprin	ig vegetables		60.00	60.00			
					\$0.00	\$0.00				

5000 sqft / **43,560** = **0.11** acres Round up to **0.2** for programs

Online training video at marionswcd.org/soilhealth under cover crops

Mulching



Mulching Practice Code 484

Mulches for Small Farms and Gardens Overview

Purpose

Mulches are plant residues or other suitable materials that are applied to the soil surface. Mulches can be used to:

- Improve the efficiency of mosture management
 Improve regation water and energy efficiency
- · Reduce grosion
- Improve plant productivity and health.
- Maintain or increase soil organic matter
- Reduce envisions of particulate nutter.
- · Suppress weeds



MultiPati permit and an anal ansural crop bank.

Mulches Applied to Small Farms

Many urban and small farms use multiple types of maint. This may be a combination of natural and/or synthetic mulches. Mainting can increase soil health are time by protecting the soil and increasing sull organic matter. Malches are effective alone, but when used with other gractices such as cover cropping and reduced tillage, overall soil health will imprese more rapidly. Mulches applied to the poil surface will help retain soil moisture and improve intigation water use efficiency. Mulches are effective at seved suppression and can improve overall plant productivity and health.

Types of Mulch: Natural vs. Synthetic Natural

Natural mulchen commonly include straw, hay, composit, composited leaves, woodchips, and cover crop

residue. Other brodge adable natural materials such as grass originings, wook, sawdoor, paper, newsprint, and cardboard may also be used as multithes. A range of natural malches have diverse uses in production and non-production arous on any use farm and are widely applicable.

Synthetic

The two most common synthetic materials used in fam settings are plants; malch and landscaping flatnic. Plants in malch is affin, non-permeatic material that only fasts one-season. Landscaping fabric is a permeatile, duratile, visions material that is revisable for up to 5 years (Ser Solet 2).



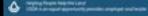
Alternal real/that (clockwise top left to bettern right) affords buy, seems on court copy resided, annual high, congruented had read to

Locatio

Mulch materials are widely applied throughout farms and gardens on growing tests, pathways, and non-production areas. Comider CN ratio, residue management, and mulch duration when choosing mulch insterials for various areas.

CN Patio

The carbon to mitrogen ratio compares the mass of carbon to the mass of entropen in a particular material (See Table 1). The C. Ninato of mulches affects the decomposition rate and crop nutrient cycling. The



MEDICAL PROPERTY.

PROVIDE:

- 1) Mulches for Small Farms and Gardens Overview
- 2) Indiana Mulching Tool

RESOURCE CONCERNS: Organic Matter Depletion is IN priority

SUPPORT Urban Soil Health, SWCDs, etc.

Mulching Implementation Requirement Indiana Mulching Tool

Year	Total Area	Planning Amount	Applied?		
icui	sqft	# of 1000sqft	Applicat		
2025 🕶	2500	3	-		
2026 🕶	2500	3			
2027 🕶					
			7		
-			~		

			Indiana Mulchin NRCS 484 Implementation Re					USDA Natural		
	Name		Megan Ayers	Disclaimer:	For the tool to function of	Load information (Optional) Enter volume of mulch per wheelbarrow,				
ı	ocation	n Earth area and desired mulch depth. S type, Estimated Amount Need						# 500 CVC CCCC	oads needed.	
Years Notes Contract Item			on according to guidance			3.0	cubic feet ▼	per load		
		Year	Area ID / Decription	Area sqft	Material	Estimated Amount Needed		Estimated Material Cost		
1	Yes ▼	2025 ▼	GARDEN A Beds	2,000	Compost	•	2	12.4	cubic yards ▼	\$620.00
2	Yes ▼	2025 🕶	GARDEN A Walkways	500	Woodchips	-	3	4.7	cubic yards ▼	
3	Yes ▼	2026 -	GARDEN A Beds	2,000	Compost	-	2	12.4	cubic yards 🕶	\$620.00
4	Yes ▼	2026 -	GARDEN A Walkways	500	Woodchips	•	2	3.1	cubic yards ▼	
5	7	2026 -	GARDEN A Beds	2,000	Straw	•	2	33.3	bales 🕶	\$266.67
6	-	-				-				
7	*	-				•			-	
8	-	-				-			-	
9	T .	-				•				
10	+					-				

Online training video at marionswcd.org/soilhealth under mulching

Hedgerow

612 Tre	indiana - Septembe e/Shrub Plan					
Landowner:		Co	ounty:			
Farm: Tract: Field(s	k	Acres:	Date:			
Soil Type(s):		Soil Drains	oge Class:			
Plant Spacing:	50 00	Plants/Acre	The state of the s	347		
Species	Number	Substitut	te Species	Number		
	_			-		
	\rightarrow			+		
	-			+		
	\rightarrow			-		
	\rightarrow			+		
Total osunded to the text higher	199	Total -	conduct to the next highest 100			
2.74.000 (1.000 10.0000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.0000	Before Planti					
Tillage (in the year prior to plantin		ing	Dates			
Herbicide (applied per label):	97		Dates:			
Herbicide: (applied per label):			Dates:			
Other:				Dates:		
	Planting Meth	od	1.000			
Tree Planting Method:			Dates			
Herbicide (applied per label):			Dates:			
Tree Protection or Fencing: ☐ Ye	S ☐ No (If wes pro	vide details in the A	vocational Dates:			
Information Section below.)						
	g Maintenance a					
Maintain a 3-ft. weed & grass-free ra	dius for up to yes	ers around each		wth		
Herbicide (applied per label):			Dates			
Replace dead trees to ensure 709	stocking rate:		Leave			
Other:		10200011	Dates			
	Additional Inform		nee planting area, preferred			

PROVIDE:

- 1) Environmental Plantings and Windbreaks from Web Soil Survey
- 2) Tree / Shrub Planting Plan (most likely after application preapproval)
 - NRCS Area Forester can assist

RESOURCE CONCERNS:

Wildlife habitat or any purpose in the conservation practice standard

SUPPORT

- 1) Pollinator Partnership, Xerces,
- 2) Pheasants Forever, Quail Forever
- 3) Forestry Tech Note #2

Hedgerows

Forestry Tech Note #2



United States Department of Agriculture Natural Resources Conservation Service - Indiana - October 2016

Tree and Shrub Establishment

INTRODUCTION

This technical note provides information on tree and shrub establishment using tree seedlings, container stock, or direct seeding methods.

I. PLANTING DESIGN

A. Planting Rates

A good tree planting design will usually include multiple species and objectives. Species may be mixed together within rows, separated by

Table 2. Planting Stock Specifications

Tree	Seedlings (B	lare root si	lock)				
Type	Height	Ca	siper*				
Conifer	9-18" 1/8-3/8"						
Hardwood	18-36"	1/4-3/4"					
3	Containe	r Stock					
Conifer or	Container Size	Height	Calper ⁴				
Hardwood	1 gallon	2-4	3/8 - 5/8"				
	3 gallon	2-6	3/8 - 5/8"				

^{*}Calper is the stem diameter at ground level measured at the risch

Technical Note 2 Forestry Tree Planting.pd f (usda.gov)

Table 7. Species Information

Common Name	Scientific Name	CTSG Area (map page 8)	Soil Drainage ¹	² Flooding Tolerance	Soil pH Range
		Tree Species			y
Bald Cypress	Taxodium distichum	Central, South	VPD-WD	Tolerant	4.5-7
Black Cherry	Prunus serotina	All	MWD-WD	Intolerant	4.5-7.5
Black Walnut	Juglans nigra	All	MWD-WD	Intolerant	6.6-7.8
Cedar, Northern White	Thuja occidentalis	North	PD-WD	Somewhat	5.5-7.5
Hickory, Shagbark	Carya ovata	All	MWD-WD	Intolerant	4.5-7.5
Hickory, Shellbark	Carya laciniosa	All	VPD-WD	Somewhat	6.1-7.4
Kentucky Coffeetree	Gymnocladus dioicus	All	SPD-WD	Somewhat	5.5-6.5
Maple, Red	Acer rubrum	All	VPD-WD	Somewhat	4.5-6.5
Maple, Silver	Acer saccharinum	All	VPD-WD	Tolerant	4.5-7.0
Norway Spruce	Picea abies	All	VPD-WD	Somewhat	5.0-7.5
Oak, Black	Quercus velutina	All	MWD-ED	Intolerant	4.5-6.5
Oak, Bur	Quercus macrocarpa	All	PD-ED	Somewhat	4.5-7.5
Oak, Chinkapin	Quercus muhlenbergii	All	MWD-ED	Intolerant	5.0-8.0
Oak, Cherrybark	Quercus pagoda	South	SPD-WD	Intolerant	4.5-6.5
Oak, Overcup	Quercus lyrata	South	VPD-WD	Tolerant	4.5-7.0
Oak, Pin	Quercus palustris	All	VPD-WD	Somewhat	4.5-6.1
Oak, Scarlet	Quercus coccinea	All	MWD-ED	Intolerant	4.5-6.5
Oak, Shingle	Quercus imbricaria	All	SPD-WD	Intolerant	4.5-6.5
Oak, Shumard	Quercus shumardii	All	SPD-WD	Somewhat	6,1-7.4
Oak, Swamp Chestnut	Quercus michauxii	South	SPD-WD	Somewhat	4.5-6.5
Oak, Swamp White	Quercus bicolor	All	VPD-WD	Somewhat	4.5-6.1
Oak, White	Quercus alba	All	MWD-WD	Intolerant	4.5-6.5
Pecan	Carya illinoensis	Central, South	SPD-WD	Tolerant	6.1-7.8
Pine, White	Pinus strobus	All	MWD-WD	Intolerant	6,1-7.5
Persimmon	Diospyros virginiana	All	MWD-WD	Somewhat	4.5-6.5
River Birch	Betula nigra	All	VPD-WD	Somewhat	4.5-6.5
Sweetgum	Liquidambar styraciflua		PD-WD	Tolerant	5.5-6.5
Tuliptree	Liriodendron tulipifera	All	MWD-WD	Intolerant	5.0-7.0

Wildlife Planting



PROVIDE:

- 1) Small Plug Planting for Pollinators, Monarchs, and Beneficial Insects
- 2) Wildlife Plug Planting Calculator

RESOURCE CONCERNS: Wildlife habitat

SUPPORT

- 1) Pollinator Partnership, Xerces,
- 2) Pheasants Forever, Quail Forever
- 3) Marionswcd.org/soilhealth
 - a) Wildflowers for Beneficial Insects
 - b) Beneficial Insets for Fruit and Vegetable Growers
 - c) Native Plantings for Beneficial Insects and Pollinators

Payment Estimate (possibly from previous year)

	Indiana EQIP Contract Par	ym	ent	Est	imat	or FY24		Rese	t Form	
Service Center										
Application Number					Estimated C	ontract Payment				
Applicant Name and Date	Megan				\$	21,550.14				
Participant Type	NOT Historically Underserved								van - Company	
District Conservationist	Cara							Save and	Open PD	F
State	Indiana									
Program	EQIP Estimate									
Associated Ranking Pools	High Tunnel									
	NOTE: This worksheet is the NON-HU version. Use the "HU Version" for HU Participants.									
	If selecting a High Priority or Source Water Practice (HPP), select the scenario beginning with "Pr-" or "Wp"						Reset Estimate		nate Sect	on
Line	Start typing in any row to search for a practice, practice code, or scenario name, then click the drop down button	Unit	Unit Cos	it	Planned Quantity	Number of Years Planned	Max	Payment Cap	Estimated It	em Total
1	484 - Mulching; Natural Material, Small Area	No	\$	147.07	6	1	5	6,500.00	\$	882.4
2	340 - Cover Crop; Cover Crop - 1 acre or less	Ac	\$	406.68	0.2	3	\$	200	\$	244.0
3	821 - Low Tunnel Systems; Low tunnel 1000-5000 square feet, Year 1	SqFt	\$	1.24	5000	1	\$	16,150.00	\$	6,200.0
4	325 - High Tunnel System; High Tunnel System	SqFt	\$	5.77	1440	1	\$	16,650.00	\$	8,308.8
5	441 - Irrigation System, Microirrigation; High Tunnel Surface Microirrigation, per square feet	SqFt	\$	0.61	10000	1	\$	3,050.00	\$	3,050.0
6	420 - Wildlife Habitat Planting; Interplanting with potted plants or shrubs	SqFt	\$	1.52	700	1	\$	4,600.00	\$	1,064.0
7	420 - Wildlife Habitat Planting; Small Planting - Pollinator Mix	kSqFt	5	241.82	0.5	1	\$	1,000.00	\$	120.9
8	422 - Hedgerow Planting; 1 row hedgerow, bareroot shrub seedling planting stock	Ft	\$	0.56	3000	1	\$		S	1,680.0
						7/12	\$		\$	

Partnerships!

Natural Resources Conservation Service Farm Service Agency **Urban Soil Health** Soil and Water Conservation Districts Indiana Department of Natural Resources Indiana State Department of Agriculture Pollinator Partnership Savannah Institute Purdue Extension Pheasants Forever / Quail Forever State of Indiana Cooperative Invasives Management Indiana Department of Environmental Management / Health Departments

Thank YOU! Questions, comments, suggestions...



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