TIPD CLICE ONLY D. 1 AND	D1 1 N	D ( C I ) ( I	
HTRC USE ONLY: Project No.:	Block No:	Date Submitted:	

## HORTICULTURE TEACHING AND RESEARCH CENTER

2019 Field Project Information
(Please print clearly or type)

Project Title			(Ple	ase print clearly	y or typ	e)						
Department	<b>Project Title</b>		, ·	- '								
Other Contact  Check if this project is supported by GREEN, NIFA SCRI, or other  What % of your project elates to (not your appointment)  Indergranduate Course Number(s):  What % of your project relates to be a project relates to project relates to (not your appointment)  Requirements & Cultural  Practices	Crop(s)		Beginning Date (mm/yyyy)				Expected End Date (mm/yyyy)					
Check if this project is supported by GREEN, NIFA SCRI, or other  What % of your project clates to fost your appointment)  Land Requirements  & Cultural  Practices  Practices  Practices  Plot Size  (L.W) _ x _ n	Faculty PI	Name	Departme	Department   Ph		hone Nui	ne Number			E-mail Address		
What % of your project elates to (not your appointment)   Content of the project relates to (not your appointment)		anaiaat ia aunnantad	by CDEEL	ONI NITEA (	CDI	[ om oth						
elates to (not your appointment) Indergraduate    Plot Size   Carbon   Project relates to   P	Check if this j	project is supported	by GREEF	zin, inipa i	OCKI	i, or our	ier					
Plot Size   Cultural	relates to (not your a Undergraduate	3	Course Numbe	project	relates		project rel	lates to				
Yes   No   Yes   No   Standard practices for land preparation includes primary and secondary tillage (assumed unless otherwise noted)   Additional equipment for plot maintenance: Cultivators, Finishing Harrow, Spader, Rototillers, and Mowers.   Planters and Seeders Available Upon Request   Please contact farm staff to schedule usage of equipment. Additional certification and safety training may be needed to use certain equipment. Please see the manager for more information.    Plot Needs		DI-4 C'	D 1.4.1	<u> </u>	11. 1.	1 9	(0)	TC	J. J. 19.4			
Practices  *Standard practices for land preparation includes primary and secondary tillage (assumed unless otherwise noted) -Additional equipment for plot maintenance: Cultivators, Finishing Harrow, Spader, Rototillers, and MowersPlanters and Seeders Available Upon Request -Please contact farm staff to schedule usage of equipment. Additional certification and safety training may be needed to use certain equipment. Please see the manager for more information.  Plot Needs  Fertilization	Requirements			imension inc	eluae n	oorders?	(fill one)	II nee	aea, list	specific soil type		
Additional equipment for plot maintenance: Cultivators, Finishing Harrow, Spader, Rototillers, and Mowers.   Planters and Seeders Available Upon Request   Please contact farm staff to schedule usage of equipment. Additional certification and safety training may be needed to use certain equipment. Please see the manager for more information.    Plot Needs	& Cultural	\$C411					1			4		
19-19-19 Rate: 300 lbs/A	Tractices	-Additional equipment for plot maintenance: Cultivators, Finishing Harrow, Spader, Rototillers, and MowersPlanters and Seeders Available Upon Request -Please contact farm staff to schedule usage of equipment. Additional certification and safety training may										
O-0-60   Rate:   150   Ibs/A	Plot Needs	Fertilization		/A inch/week			Chemical Applications					
As needed						(Ple	ase list produ	cts and ra	ates in the	box below this section)		
Other (Type, Rate, & Timing):Other, Specify:				As need	ed	We	ed Control	:				
Insect Control: HTRC Standard Methods: None:   HTRC Standard Methods: None:   HTRC Standard Methods: None:     Disease Control: HTRC Standard Methods: None:       Disease Control: HTRC Standard Methods: None:			,	Other S	necify	HTI	RC Standar	C Standard Methods: None:				
Will you be introducing or potentially ncreasing the populations of plant pests?  Please list any other needs you may have for your plot (including pesticide products and rates):    Disease Control: HTRC Standard Methods: None:		(1)pe, 11an	,, ee 1g,.	Other, b	peerry		ect Control	<b>:</b>				
Disease Control: HTRC Standard Methods: None:  Please list any other needs you may have for your plot (including pesticide products and rates):  Important Notes:  A farm service fee is charged for all research and extension projects at the HTRC. Project fees are billed in February for the prior year. Federal regulations require the department to charge actual costs to projects, which means a rate cannot be guaranteed before the season begins. We will try to keep expenses on projects in the following ranges. For low use projects, <\$2,000; medium use projects \$2,001-\$3,500; and high use projects > \$3,500. Please use these figures to budget an appropriate amount of funding toward your project fees. For an outline of services provided by farm staff, please review our document titled Farm Service Standard Operating Procedures Found here: http://www.hrt.msu.edu/horticulture-teaching-and-research-center/ Central Notification Meetings: May 8, 2019 and June 12, 2019. As of 2016 WPS rule is all Primary Investigators, Workers and Handlers have to be trained annually. Certified applicators are exempt from the annual training but still need to be current on posting procedures and have their Current Applicator's Certification sent to Bill Chase. Meetings begin at 10:00 am both dates and last approximately 2 hours. Please RSVP to Bill Chase chasew@msu.edu. Many farm safety policies are reviewed, with an emphasis on pesticide application and posting procedures (Pesticide log, Compost Application Log, Irrigation Log, Tillage Log etc.), as well as equipment safety training and certifications(ic. Tractor, Forklift).  All PROJECT FORMS MUST BE SIGNED BY PRIMARY INVESTIGATER  Annual Required Reports: The HTRC is legally required to keep accurate records and report fertilizer, pesticide and water use annually. CANR also requires reports on crop yield, revenue, and recipient. We cannot provide these reports without your cooperation, please keep such records so that you can help us complete these reports by December 1, 2019.	Crop Pests		Yes	No		HTI	RC Standar	d Metho	ods:	None:		
Important Notes:  A farm service fee is charged for all research and extension projects at the HTRC. Project fees are billed in February for the prior year. Federal regulations require the department to charge actual costs to projects, which means a rate cannot be guaranteed before the season begins. We will try to keep expenses on projects in the following ranges. For low use projects, <\$2,000; medium use projects \$2,001-\$3,500; and high use projects > \$3,500. Please use these figures to budget an appropriate amount of funding toward your project fees. For an outline of services provided by farm staff, please review our document titled Farm Service Standard Operating Procedures Found here: http://www.hrt.msu.edu/horticulture-teaching-and-research-center/ Central Notification Meetings: May 8, 2019 and June 12, 2019. As of 2016 WPS rule is all Primary Investigators, Workers and Handlers have to be trained annually. Certified applicators are exempt from the annual training but still need to be current on posting procedures and have their Current Applicator's Certification sent to Bill Chase. Meetings begin at 10:00 am both dates and last approximately 2 hours. Please RSVP to Bill Chase chasew@msu.edu . Many farm safety policies are reviewed, with an emphasis on pesticide application and posting procedures (Pesticide log, Compost Application Log, Irrigation Log, Tillage Log etc.), as well as equipment safety training and certifications(ie. Tractor, Forklift).  All PROJECT FORMS MUST BE SIGNED BY PRIMARY INVESTIGATER  Annual Required Reports: The HTRC is legally required to keep accurate records and report fertilizer, pesticide and water use annually. CANR also requires reports on crop yield, revenue, and recipient. We cannot provide these reports without your cooperation, please keep such records so that you can help us complete these reports by December 1, 2019.	increasing the pop	ulations of plant pests?	100						ods:	None:		
February for the prior year. Federal regulations require the department to charge actual costs to projects, which means a rate cannot be guaranteed before the season begins. We will try to keep expenses on projects in the following ranges. For low use projects, <\$2,000; medium use projects \$2,001-\$3,500; and high use projects > \$3,500. Please use these figures to budget an appropriate amount of funding toward your project fees. For an outline of services provided by farm staff, please review our document titled Farm Service Standard Operating Procedures Found here: <a href="http://www.hrt.msu.edu/horticulture-teaching-and-research-center/">http://www.hrt.msu.edu/horticulture-teaching-and-research-center/</a> Central Notification Meetings: May 8, 2019 and June 12, 2019. As of 2016 WPS rule is all Primary Investigators, Workers and Handlers have to be trained annually. Certified applicators are exempt from the annual training but still need to be current on posting procedures and have their Current Applicator's Certification sent to Bill Chase. Meetings begin at 10:00 am both dates and last approximately 2 hours. Please RSVP to Bill Chase chasew@msu.edu . Many farm safety policies are reviewed, with an emphasis on pesticide application and posting procedures (Pesticide log, Compost Application Log, Irrigation Log, Tillage Log etc.), as well as equipment safety training and certifications(ie. Tractor, Forklift).  All PROJECT FORMS MUST BE SIGNED BY PRIMARY INVESTIGATER  Annual Required Reports: The HTRC is legally required to keep accurate records and report fertilizer, pesticide and water use annually. CANR also requires reports on crop yield, revenue, and recipient. We cannot provide these reports without your cooperation, please keep such records so that you can help us complete these reports by December 1, 2019.			e for your plo	ot (including pe	sticide p	oroducts and	d rates):			Tione.		
February for the prior year. Federal regulations require the department to charge actual costs to projects, which means a rate cannot be guaranteed before the season begins. We will try to keep expenses on projects in the following ranges. For low use projects, <\$2,000; medium use projects \$2,001-\$3,500; and high use projects > \$3,500. Please use these figures to budget an appropriate amount of funding toward your project fees. For an outline of services provided by farm staff, please review our document titled Farm Service Standard Operating Procedures Found here: <a href="http://www.hrt.msu.edu/horticulture-teaching-and-research-center/">http://www.hrt.msu.edu/horticulture-teaching-and-research-center/</a> Central Notification Meetings: May 8, 2019 and June 12, 2019. As of 2016 WPS rule is all Primary Investigators, Workers and Handlers have to be trained annually. Certified applicators are exempt from the annual training but still need to be current on posting procedures and have their Current Applicator's Certification sent to Bill Chase. Meetings begin at 10:00 am both dates and last approximately 2 hours. Please RSVP to Bill Chase chasew@msu.edu . Many farm safety policies are reviewed, with an emphasis on pesticide application and posting procedures (Pesticide log, Compost Application Log, Irrigation Log, Tillage Log etc.), as well as equipment safety training and certifications(ie. Tractor, Forklift).  All PROJECT FORMS MUST BE SIGNED BY PRIMARY INVESTIGATER  Annual Required Reports: The HTRC is legally required to keep accurate records and report fertilizer, pesticide and water use annually. CANR also requires reports on crop yield, revenue, and recipient. We cannot provide these reports without your cooperation, please keep such records so that you can help us complete these reports by December 1, 2019.	•	Ç Ç		, 01	•							
		February for the prior yemeans a rate cannot be a following ranges. For lot \$3,500. Please use these outline of services proven Procedures Found here:  Central Notification Manual training but still sent to Bill Chase. Meet Chase chasew@msu.edt posting procedures (Pese equipment safety training hall Plannual Required Repeated water use annually, these reports without yet the services of the prior of the p	ear. Federal regular anteed before we projects of figures to but ided by farm state. It is in the projects of figures to but ided by farm state. It is in the project of th	gulations requore the season is, <\$2,000; m lget an approaff, please ret.msu.edu/hor 8, 2019 and lave to be traitent on postin 0:00 am both safety policion post Applications (ie. Trace RMS MUST) C is legally requires reports	nire then begin edium priate a view o rticultu June 1 ned an g proce dates es are 1 tion Lotor, Fo BE SI equired s on cre	e departmens. We will use project amount of our document eaching 12, 2019. In the sedures are and last a reviewed og, Irrigatorklift). IGNED Ed to keep op yield,	nent to char ill try to kee ects \$2,001 of funding to nent titled F ing-and-reso As of 201 Certified ap nd have the approximat , with an er- tion Log, T BY PRIMA accurate re- revenue, ar	ge actua ep exper- \$3,500 oward y Farm Se earch-ce 6 WPS oplicator ir <u>Curre</u> ely 2 ho nphasis fillage L	all costs to nses on p ; and hig cour projectice Sta enter/ rule is all as are exe nt Appli ours. Ple on pestic og etc.), VESTIC nd reportient. We	o projects, which projects in the gh use projects > ect fees. For an indard Operating  I Primary empt from the cator's Certification ase RSVP to Bill cide application and as well as  EATER  I fertilizer, pesticide cannot provide		
	DI (4 1 2 2											

Please attach additional comments and project details as needed.

Primary Investigator\_ (electronic signature is fine) \_\_ Date\_\_\_\_\_