

Zone Tillage Equipment

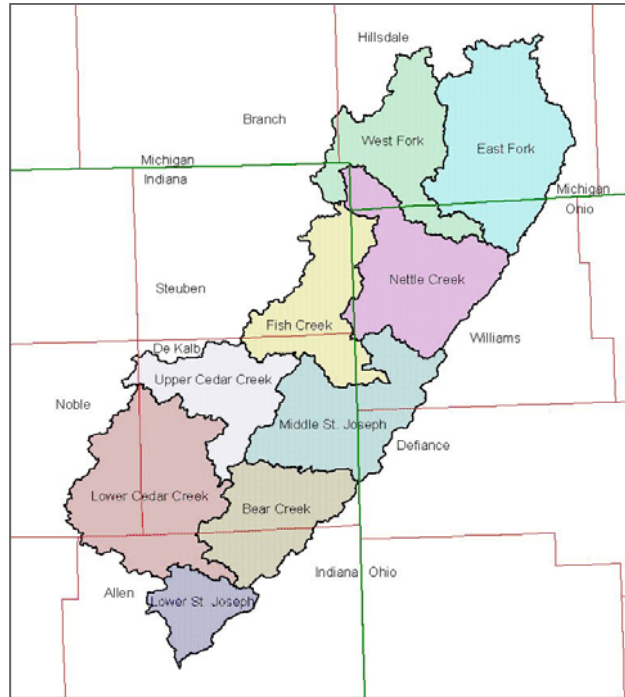


The St. Joseph River Watershed Initiative has available a Brillion zone-till unit, pulled with a John Deere 9520 equipped with a RTK auto-guidance system with sub-inch accuracy. This unit runs at a 13-inch depth to loosen the hard pan layer and leaves a strip which can be planted on in the spring without any other tillage. The price is on a per acre rate of \$20 or **\$19 cash**. This price includes the operator but does not include the fuel.



The Allen County SWCD has a DMI Nutri-Plan 9000 strip-till unit available. It has the capability to place nutrients and condition the strip for spring planting and runs at a seven-inch depth. The strip-till unit is pulled with a Case IH MX285 and equipped with a RTK auto-guidance system, with sub-inch accuracy. This unit can be rented for \$18 per acre with a **cash price of \$17**. This price includes the operator but does not include the fuel.

For more information, contact
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(260) 484-5848 x112.



The St. Joseph River Watershed Initiative is a 501(c)(3) non-profit organization. Our mission is to work with partners to promote economical and environmentally compatible land uses that improve water quality in the St. Joseph River Watershed.

Soil and Water
Conservation District Partners
Allen Noble
DeKalb Steuben
Hillsdale Williams



St. Joseph River Watershed Initiative

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Sediment, Nutrient and Pesticide Reduction Project Phase II

Zone tillage equipment and Cost-share opportunities for agricultural producers in the St. Joseph River Watershed



St. Joseph River Watershed Initiative

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Three Cost-Shared Program Opportunities for Installation of Best Management Practices

Program 1 Conservation Tillage Practices

Goal: Reduce sediment in the St. Joseph River watershed through an increase in conservation tillage acreage

- Required commitment: 100 acres changed from conventional tillage to no-till or modified no-till (minimum 40% residue) for five years (2 years corn)
- 75% cost-share on attachments for planters, zone tillers, in-line rippers, conservation tillage harrows, chaff spreaders; GPS receivers, GPS guidance systems and yield monitors
- Maximum payment of \$3,000.



Program 2 Nutrient and Pest Management Practices

Goal: Reduce pesticide and nutrient runoff in the St. Joseph River watershed through an increase in precision application techniques and practices.



- Required commitment: 100 acres changed to or maintained in no-till or modified no-till (minimum 40% residue) for five years (2 years corn).

- 75% cost-share on variable rate controllers for sprayers, liquid/dry nutrient precision applicator attachments, GPS receivers and yield monitors

- Maximum payment of \$3,000.



Program 3 Crop Consulting Services

Goal: Develop management plans for efficient and effective tillage, planting and pesticide/nutrient application under the guidance of a certified crop advisor or certified agronomic consultant.

- Required commitment: 100 acres changed to or maintained in no-till or modified no-till (minimum 40% residue) for five years (2 years corn).
- 75% cost-share annually on services including soil testing, evaluation and fertility recommendations; production assessment; crop scouting for pest management and stand evaluation; yield assessment; PSNT and fertility recommendations for manure applicators.
- Maximum payment of \$3,000.
- Producers must follow management recommendations of consultants and document soil fertility, inputs and yields annually.

General Guidelines

All farmland under these contracts must be located within the St. Joseph River (Maumee) watershed.

Limit two cost-share contracts awarded to applicant under the St. Joseph River Sediment, Nutrient and Pesticide Reduction Project Phase I (completed) and Phase II (current); limit of one contract under any one program area.

All required documents must be completed by the applicant prior to receiving cost share monies. Among these are IDEM Form 319-A, Nutrient Management Program (NMP) checklist, Pesticide Management Program (PMP) checklist, and geo-referenced tract maps. Applicant must submit receipts for all work done under these contracts.

The listings of eligible equipment is not exhaustive. Situations not meeting the specified requirements may be submitted to the SJRWI cost-share committee for review and consideration.