

# CHIPPEWA RIVER STUDY AREA

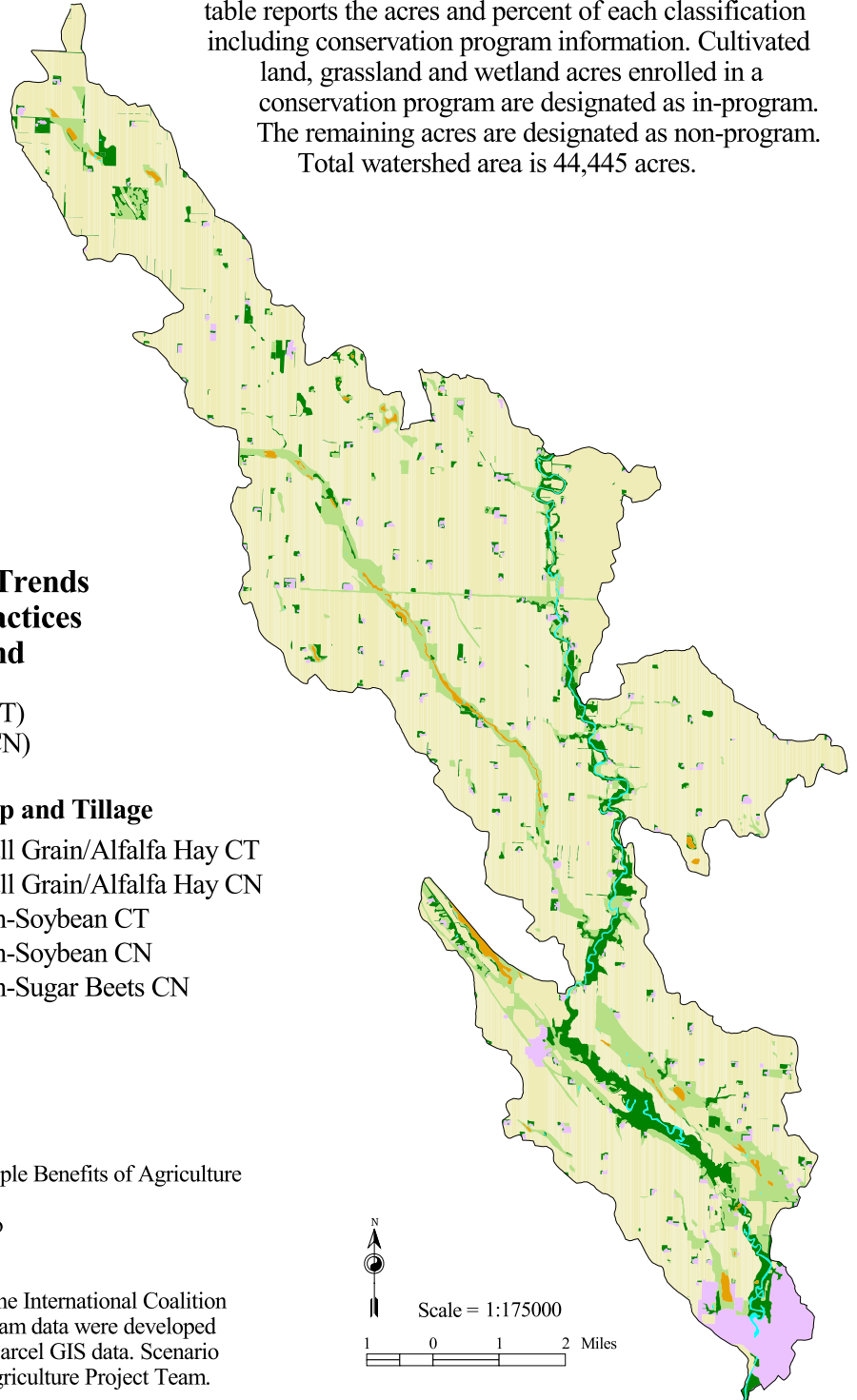
## SCENARIO A: EXTENSION OF CURRENT TRENDS

### LAND USE AND COVER

| Acres  | Description  |
|--------|--|
| 35,938 | <b>Cultivated Land (81%)</b><br>2,794 in-program acres<br>33,144 non-program acres |
| 1,573  | <b>Development (3%)</b>  |
| 3,615  | <b>Grassland (8%)</b><br>487 in-program acres<br>3,128 non-program acres           |
| 2,667  | <b>Grassland-Shrub-Tree, Forest (6%)</b>   |
| 5      | <b>Sand, Gravel or Unclassified (0%)</b>   |
| 266    | <b>Water (1%)</b>  |
| 381    | <b>Wetlands (1%)</b><br>86 in-program acres<br>295 non-program acres               |

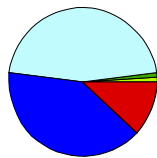
### EXPLANATION

The land use map displays the current land use and cover in the watershed based on 1990 data. The Land Use and Cover table reports the acres and percent of each classification including conservation program information. Cultivated land, grassland and wetland acres enrolled in a conservation program are designated as in-program. The remaining acres are designated as non-program. Total watershed area is 44,445 acres.



### Extension of Current Trends Crops with Tillage Practices on Cultivated Land

Conservation Tillage (CT)  
Conventional Tillage (CN)



| Acres  | Crop and Tillage           |
|--------|----------------------------|
| 457    | Small Grain/Alfalfa Hay CT |
| 205    | Small Grain/Alfalfa Hay CN |
| 15,392 | Corn-Soybean CT            |
| 13,112 | Corn-Soybean CN            |
| 3,977  | Corn-Sugar Beets CN        |

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Software: ARC/INFO 7.1.2 and ArcView 3.1

Data Sources: Land Use and Cover data are from the International Coalition Land Use/ Land Cover (1990). Conservation program data were developed from the GAP Stewardship and BWSR Easement Parcel GIS data. Scenario data were developed by the Multiple Benefits of Agriculture Project Team.

