



## DRAINAGE AND TILE SERVICES

Offering tile plowing and drainage services for agricultural landowners.  
*A few reasons why you should call today for your free estimate.*

1. More consistent yields
  - Allows for more efficient use of resources
  - Reduces financial risk
2. Earlier and more timely planting
3. Improved harvesting conditions
4. Less wear and tear on equipment
5. Less power required for field operations
6. Better plant stand
7. Less plant stress
8. Fewer plant diseases
9. Less soil compaction

Benefits of Drainage: (Information courtesy of The Ohio State University and the U.S.D.A)

Increased crop yields and improved crop quality result from favorable soil moisture conditions with good drainage. Yield experiments from over 125 drainage experiments produced the following estimated increase in yield attributed to sub-surface drainage:

Silage Corn ...24% - Grain Corn...34%  
 Soybeans...29% - Wheat...76%  
 Barley...72% - Oats...53%  
 Sugar Beets...28% - Mixed Grain...47%  
 Hay...51% - Alfalfa...42%  
 Peas...62% - Wheat...76%  
 Beans...57% - Sweet Corn...36%

| Crop         | Yield (bu/ac) |         |            |
|--------------|---------------|---------|------------|
|              | Undrained     | Drained | % Increase |
| Winter Wheat | 44            | 61      | 39         |
| Spring Grain | 36            | 58      | 61         |
| Corn         | 75            | 101     | 35         |
| Soybeans     | 30            | 37      | 23         |

Source: *Handbook of Drainage Principles*  
 Ontario Ministry of Agriculture, Food and Rural Affairs

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