## 1998 Minnesota State Summary

|                              |            | Conservation Tillage       |              |                | Other Tillage Practices |                  |                  |
|------------------------------|------------|----------------------------|--------------|----------------|-------------------------|------------------|------------------|
|                              | Total      | (greater than 30% residue) |              |                | Total Conservation      | (15-30% residue) | (0-15% residue)  |
| — Annual Crop —              | — Acres —  | No-Till -                  | Ridge-Till - | - Mulch-Till - | _ Tillage _             | Reduced-Till 1—  | Intensive-Till 2 |
| Corn <sup>3</sup>            | 7,053,173  | 100,485                    | 73,153       | 914,820        | 1,088,458               | 2,098,762        | 3,865,953        |
| Small Grain (Spring-Seeded)  | 2,877,094  | 17,070                     | 0            | 504,894        | 521,964                 | 1,100,806        | 1,254,324        |
| Small Grain (Fall Seeded)    | 41,940     | 2,160                      | 0            | 6,160          | 8,320                   | 13,135           | 20,485           |
| Soybeans (Full Season)       | 6,795,351  | 412,982                    | 78,549       | 2,075,678      | 2,567,209               | 1,966,694        | 2,261,448        |
| Soybeans (Double-Cropped)    | 16,650     | 750                        | 0            | 2,575          | 3,325                   | 4,900            | 8,425            |
| Cotton                       | 0          | 0                          | 0            | 0              | 0                       | 0                | 0                |
| Grain Sorghum <sup>3</sup>   | 500        | 0                          | 0            | 150            | 150                     | 200              | 150              |
| Forage Crops <sup>4</sup>    | 318,681    | 8,950                      | n/a          | 22,575         | 31,525                  | 67,931           | 219,225          |
| Other Crops 5                | 1,529,915  | 9,625                      | 600          | 139,585        | 149,810                 | 325,165          | 1,054,940        |
| Total Planted Acres          | 18,633,304 | 552,022                    | 152,302      | 3,666,437      | 4,370,761               | 5,577,593        | 8,684,950        |
| Newly Established            |            |                            |              |                |                         |                  |                  |
| Permanent Pasture            | 36,845     | 2,950                      | n/a          | 3,475          | 6,425                   | 5,825            | 24,595           |
| Fallow                       | 131,725    | 500                        | n/a          | 1,700          | 2,200                   | 18,200           | 111,325          |
| Conservation Reserve Program | 1,603,333  |                            |              |                |                         |                  |                  |
| Highly Erodible Land         | 2,871,008  |                            |              |                |                         |                  |                  |
| Treated Highly Erodible Land | 2,569,576  |                            |              |                |                         |                  |                  |

|                             |            | Conservation Tillage — |                |                | ]                  | Other Tillage Practices |                               |  |
|-----------------------------|------------|------------------------|----------------|----------------|--------------------|-------------------------|-------------------------------|--|
|                             | Total      | (great                 | er than 30% i  | residue)       | Total Conservation | (15-30% residue)        | (0-15% residue)               |  |
| — Annual Crop —             | — Acres —  | No-Till -              | - Ridge-Till - | – Mulch-Till – | — Tillage —        | Reduced-Till 1—         | — Intensive-Till <sup>2</sup> |  |
| Corn <sup>3</sup>           | 7,053,173  | 1.4%                   | 1.0%           | 13.0%          | 15.4%              | 29.8%                   | 54.8%                         |  |
| Small Grain (Spring-Seeded) | 2,877,094  | 0.6%                   | 0.0%           | 17.5%          | 18.1%              | 38.3%                   | 43.6%                         |  |
| Small Grain (Fall Seeded)   | 41,940     | 5.2%                   | 0.0%           | 14.7%          | 19.8%              | 31.3%                   | 48.8%                         |  |
| Soybeans (Full Season)      | 6,795,351  | 6.1%                   | 1.2%           | 30.5%          | 37.8%              | 28.9%                   | 33.3%                         |  |
| Soybeans (Double-Cropped)   | 16,650     | 4.5%                   | 0.0%           | 15.5%          | 20.0%              | 29.4%                   | 50.6%                         |  |
| Cotton                      | 0          | 0.0%                   | 0.0%           | 0.0%           | 0.0%               | 0.0%                    | 0.0%                          |  |
| Grain Sorghum <sup>3</sup>  | 500        | 0.0%                   | 0.0%           | 30.0%          | 30.0%              | 40.0%                   | 30.0%                         |  |
| Forage Crops <sup>4</sup>   | 318,681    | 2.8%                   | n/a            | 7.1%           | 9.9%               | 21.3%                   | 68.8%                         |  |
| Other Crops 5               | 1,529,915  | 0.6%                   | 0.0%           | 9.1%           | 9.8%               | 21.3%                   | 69.0%                         |  |
| <b>Total Planted Acres</b>  | 18,633,304 | 3.0%                   | 0.8%           | 19.7%          | 23.5%              | 29.9%                   | 46.6%                         |  |
| Newly Established           |            |                        |                |                |                    |                         |                               |  |
| Permanent Pasture           | 36,845     | 8.0%                   | n/a            | 9.4%           | 17.4%              | 15.8%                   | 66.8%                         |  |
| Fallow                      | 131,725    | 0.4%                   | n/a            | 1.3%           | 1.7%               | 13.8%                   | 84.5%                         |  |

<sup>\*</sup> Summary compiled using 67 counties that submitted CRM data in 2007

n/a means Not Applicable

<sup>&</sup>lt;sup>1</sup> Reduced-Till = 500-1000 lbs. Small Grain Equivalent (SGE)

<sup>&</sup>lt;sup>2</sup> Intensive-Till < 500 lbs. Small Grain Equivalent (SGE)

<sup>&</sup>lt;sup>3</sup> Includes Full Season and Double Cropped.

<sup>&</sup>lt;sup>4</sup> Forage Crops reported in seeding year only.

<sup>&</sup>lt;sup>5</sup> Other Crops include other vegetable crops, truck crops, peanuts, tobacco, sugar beets, etc.