

Optimum® GAT® herbicide tolerance trait in corn *More Flexibility. Maximized Results.*

Pioneer® brand corn seed with the innovative Optimum® GAT® (glyphosate ALS tolerance) trait enables the most flexible herbicide programs on the market:

■ Maximizing yields with breakthrough technologies

- Corn with diverse genetics stacked with leading traits like Herculex® technology
- Yield protected by better weed control options

■ Noticeably cleaner fields through harvest

- Studies demonstrate that **DuPont™ Instigate™ and Trigate™ herbicides** are expected to deliver powerful answers to:
 - Manage tough weeds
 - Enable multiple modes of action for “built-in” resistance management
 - Provide contact plus residual
- Studies demonstrate that **DuPont™ Traverse™ and Freestyle™ herbicides** are expected to deliver flexible solutions to:
 - Expand application timing
 - Maximize crop rotation flexibility
 - Deliver uncompromised crop safety



Pioneer® brand corn hybrids with the Optimum® GAT® trait treated with a unique DuPont Crop Protection preemergence herbicide (untreated check on left).



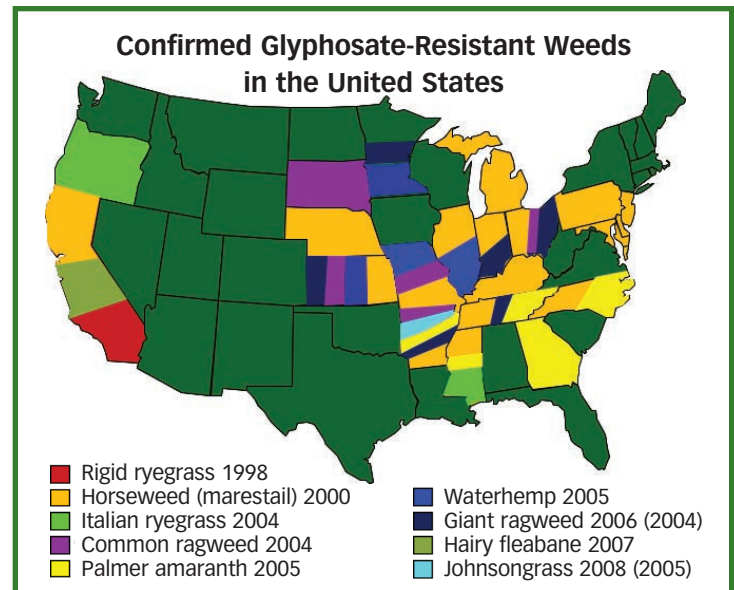
Noticeably cleaner fields through harvest. (Optimum® GAT® Corn, Mankato, Minn.)

How It Works

The Optimum GAT trait was developed by Pioneer Hi-Bred through proprietary, cutting-edge, gene-shuffling technology. This trait metabolizes glyphosate so it is not harmful to plants and also prevents ALS herbicides from binding.

Accelerated Yield Technology (AYT™) system

Pioneer researchers have developed an exciting system called Accelerated Yield Technology to further enhance the performance potential of new Pioneer® brand corn hybrids.



Source: Dr. Christy L. Sprague, Michigan State University Extension, May 2009

The Optimum® GAT® trait will not be available for sale or use until regulatory approval has been granted.

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