

2011 Corn Trait Selection:

Which Insect Traits Do You Need?

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The number of traits stacked into individual transgenic corn hybrids is increasing every year. With the increasing complexity comes the risk of ordering unnecessary traits. Planting the right “stack” for a particular farm with the correct insect control package is challenging.

The table summarizes the current available insect packages in increasing order of “stacked” traits. *This table only considers control of individual insect pests, not suppression.*

- Refer to seed tag for insect refuge requirements, location or herbicide tolerance.
- Read and follow the seed tag and user agreements for insect resistance management (IRM).
- Rotate Bt proteins for resistance management.



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| Trait Name | Insect Controlled | | | | | |
|--|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|
| Agrisure CB/LL Agrisure GT/CB/LL Yieldgard CB (YGCB) | European Corn Borer | | | | | |
| Agrisure RW Agrisure GT/RW Herculex RW Optimum AcreMax RW Yieldgard RW (YGRW) Yieldgard VT Rootworm | Corn Rootworm | | | | | |
| Agrisure CB/LL/RW Agrisure 3000GT YieldGard Plus YieldGard VT Triple (VT3) | Corn Rootworm | European Corn Borer | | | | |
| Genuity VT Double Pro | Fall Armyworm | Corn Earworm | European Corn Borer | | | |
| Genuity VT Triple Pro | Corn Earworm | Fall Armyworm | Corn Rootworm | European Corn Borer | | |
| Optimum Intrasect Herculex I | Western Bean Cutworm | Fall Armyworm | Black Cutworm | European Corn Borer | | |
| Agrisure Viptera 3110 | Corn Earworm | Western Bean Cutworm | Fall Armyworm | Black Cutworm | European Corn Borer | |
| Herculex Xtra Optimum AcreMax 1 | Black Cutworm | Western Bean Cutworm | Fall Armyworm | Corn Rootworm | European Corn Borer | |
| Agrisure Viptera 3111 SmartStax Genuity SmartStax (GENSS) | Corn Earworm | Black Cutworm | Western Bean Cutworm | Fall Armyworm | Corn Rootworm | European Corn Borer |

Decreasing Insect Pest Complex