Optimum® AcreMax®1

Active Ingredients of Component 1 (Herculex® XTRA): <90% of maize kernels

*Bacillus thuringiensis* Cry1F protein and the genetic material (plasmid insert PHI8999A) necessary for its production in corn event DAS-Ø15Ø7-1 ..............................................................<0.00174**

*Bacillus thuringiensis* Cry34Ab1 protein and the genetic material (PHP17662 T-DNA) necessary for its production in corn event DAS-59122-7 ..............................................................<0.01684**

*Bacillus thuringiensis* Cry35Ab1 protein and the genetic material (PHP17662 T-DNA) necessary for its production in corn event DAS-59122-7 ..............................................................<0.00676**

Other Ingredients:

Phosphinothricin acetyltransferase (PAT) protein and the genetic material (plasmid insert PHI8999A and PHP17662 T-DNA) necessary for its production in corn events DAS-Ø15Ø7-1 and DAS-59122-7 ..............................................................<0.00151%**

Active Ingredient of Component 2 (Herculex® I): >10% of maize kernels

*Bacillus thuringiensis* Cry1F protein and the genetic material (plasmid insert PHI8999A) necessary for its production in corn event DAS-Ø15Ø7-1 ..............................................................<0.00027%**

Other Ingredients:

Phosphinothricin acetyltransferase (PAT) protein and the genetic material (plasmid insert PHI8999A) necessary for its production in corn event DAS-Ø15Ø7-1 ..............................................................<0.0020%**

** % total protein on a dry wt. basis as expressed in whole plant tissue

KEEP OUT OF REACH OF CHILDREN

CAUTION

NET CONTENTS ________________

EPA REGISTRATION NUMBER: 29964-6

EPA ESTABLISHMENT NUMBER: 029964-IA-001
Pioneer Hi-Bred International, Inc.
7300 NW 62 Avenue
Johnston, IA 50131

* Herculex® Insect Protection technology by Dow AgroSciences and Pioneer Hi-Bred. Herculex® is a registered trademark of Dow AgroSciences LLC.
DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

The plant-incorporated protectant must be used as specified in the terms and conditions of the registration.

Optimum® AcreMax®1 (OAM1) consists up to 90% Herculex® XTRA seed and a minimum of 10% Herculex® I seed blended together in a bag of seed. This product controls above- and below-ground pests of maize.

INSECT RESISTANCE MANAGEMENT

In order to minimize the risk of corn pests developing resistance to OAM1 corn, an insect resistance management plan must be implemented.

Seed bags or bag tags will prominently display the refuge size requirements using graphics accompanied by text. For seed distributed outside cotton-growing areas the information will indicate that the product requires a 20% structured refuge lepidopteran pests, and for seed distributed within cotton-growing areas the information will indicated that the product requires a 50% structured refuge for lepidopteran pests.

OAM1 contains a “built-in” 10% corn rootworm refuge by virtue of the blended refuge seed in the bag. No further corn rootworm refuge is required to minimize the risk of corn rootworm developing resistance.

The use of OAM1 corn does require a separate structured lepidopteran refuge.

Corn-Belt/Non-Cotton Growing Areas

OAM1 grown outside cotton-growing areas (e.g., the Corn Belt), growers must adhere to the following refuge requirements:

- Growers must plant a structured refuge of at least 20% non-Bt corn and/or non-lepidopteran resistant Bt corn which may be treated with insecticides as needed to control lepidopteran stalk-boring and other pests.
- Refuge planting options include: separate fields, blocks within fields (e.g., along the edges or headlands), and strips across the field.
- External refuges must be planted within 1/2 mile.
- When planting the refuge in strips across the field, refuges must be at least four (4) consecutive crop rows wide.
- Insecticide treatments for control of European corn borer, corn earworm, southwestern corn borer, fall armyworm, black cutworm, western bean cutworm, lesser corn stalk borer, southern corn stalk borer, and sugarcane borer may be applied only if economic thresholds are reached for one or more of these target pests. Economic thresholds will be determined using methods recommended by local or regional professionals (e.g., Extension Service agents, crop consultants). Microbial Bt insecticides must not be applied to non-Bt corn and/or non-lepidopteran resistant Bt corn refuges.

Cotton-Growing Areas

OAM1 grown in cotton-growing areas, growers must adhere to the following refuge requirements:

- Growers must plant a structured refuge of 50% non-Bt corn and/or non-lepidopteran resistant Bt corn that may be treated with insecticides as needed to control lepidopteran stalk-boring and other pests.
- Refuge planting options include: separate fields, blocks within fields (e.g., along the edges or headlands), and strips across the field.
• External refuges must be planted within 1/2 mile.
• When planting the refuge in strips across the field, refuges must be at least four (4) consecutive crop rows wide.
• Insecticide treatments for control of European corn borer, corn earworm, southwestern corn borer, fall armyworm, black cutworm, western bean cutworm, lesser corn stalk borer, southern corn stalk borer, and sugarcane borer may be applied only if economic thresholds are reached for one or more of these target pests. Economic thresholds will be determined using methods recommended by local or regional professionals (e.g., Extension Service agents, crop consultants). Microbial Bt insecticides must not be applied to non-Bt corn and/or non-lepidopteran resistant Bt corn refuges.
• Cotton-growing areas include the following states: Alabama, Arkansas, Georgia, Florida, Louisiana, North Carolina, Mississippi, South Carolina, Oklahoma (only the counties of Beckham, Caddo, Comanche, Custer, Greer, Harmon, Jackson, Kay, Kiowa, Tillman, Washita), Tennessee (only the counties of Carroll, Chester, Crockett, Dyer, Fayette, Franklin, Gibson, Hardeman, Hardin, Haywood, Lake, Lauderdale, Lincoln, Madison, Obion, Rutherford, Shelby, and Tipton), Texas (except the counties of Carson, Dallam, Hansford, Hartley, Hutchinson, Lipscomb, Moore, Ochiltree, Roberts, and Sherman), Virginia (only the counties of Dinwiddie, Franklin City, Greensville, Isle of Wight, Northampton, Southampton, Suffolk City, Surrey, Sussex) and Missouri (only the counties of Dunklin, New Madrid, Pemiscot, Scott, Stoddard).

Use Pattern

<table>
<thead>
<tr>
<th>Crop</th>
<th>Pests</th>
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<tbody>
<tr>
<td>Field corn</td>
<td>black cutworm</td>
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<tr>
<td></td>
<td>corn earworm</td>
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<td></td>
<td>European corn borer</td>
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<td>fall armyworm</td>
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<td>western corn rootworm</td>
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<tr>
<td></td>
<td>northern corn rootworm</td>
</tr>
<tr>
<td></td>
<td>Mexican corn rootworm</td>
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Herculex® Insect Protection technology by Dow AgroSciences and Pioneer Hi-Bred offers unique genetic characteristics for specific grower needs and may be protected by one or more of the following U.S. patents: 5,484,956; 5,489,520; 5,510,474; 5,550,318; 5,919,675; 6,020,190; 6,218,188; 6,258,999; 6,573,240; 6,737,273; 6,943,282; 6,083,499; 6,127,180; 6,340,593; 6,548,291; 6,624,145; and 6,893,872.