



# PIONEER PROTECTOR® HARVESTMAX IS A MAXIMUM YIELD MANAGEMENT TRAIT.



**PIONEER**  
MADE TO GROW™

Pioneer Protector® canola hybrids with the HarvestMax trait are for growers looking for:

- High-yielding hybrids.
- Maximum yield potential and maximum harvest flexibility.
- The opportunity to extend the swathing window – normal swath, delayed swath or straight-cut dependent upon field and weather conditions, as well as man & machine power availability.
- Reduced risk associated with shatter losses as compared to non-HarvestMax hybrids.
- High-performing hybrids that provide choice for protection against yield-robbing diseases such as clubroot (various sources of resistance), sclerotinia and blackleg, plus standability and harvestability.

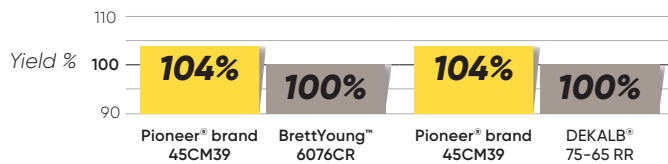
LIMITED SUPPLY

**45CM39**



Exceptional yields, clubroot and harvest flexibility with the Pioneer Protector® HarvestMaxCR traits (clubroot - new source), plus blackleg.

| PRODUCT KEY ATTRIBUTES |   |
|------------------------|---|
| <b>Yield</b>           | Superior yield potential, 102% of 45H33                                   |
| <b>HarvestMax</b>      | Yes. Suitable for swath, delay swath or straight cutting                  |
| <b>Growth</b>          | Excellent early growth and field emergence                                |
| <b>Lodging</b>         | Very good lodging score. Shorter height vs 45H33                          |
| <b>Clubroot (CR2)</b>  | "R" for Clubroot (new source)<br>2F, 3H, 5I, 6M, 8N and 3A, 3D, 2B and 5X |
| <b>Blackleg</b>        | "R" for Blackleg  |
| <b>Fusarium</b>        | "R" for Fusarium Wilt   |
| <b>Maturity</b>        | 5L, late-mid maturing hybrid (+1 day vs 45H33)                            |



Source: 2018-2019 Corteva Agriscience field trials

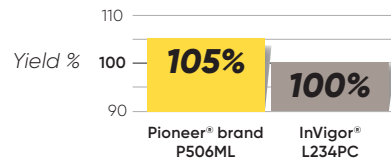
NEW

**P506ML**



A new, high-yielding Pioneer Protector® HarvestMaxCR hybrid with clubroot, HarvestMax Maximum Yield Management trait with blackleg and the LibertyLink® trait.

| PRODUCT KEY ATTRIBUTES |  |
|------------------------|--|
| <b>Yield</b>           | Superior yield potential, 104.6% of P501L (2019 IMPACT)  |
| <b>HarvestMax</b>      | Yes. Suitable for swath, delay swath or straight cutting |
| <b>Growth</b>          | Excellent early growth and field emergence               |
| <b>Lodging</b>         | Very good lodging score                                  |
| <b>Clubroot (CR1)</b>  | "R" for Clubroot vs 2F, 3H, 5I, 6M and 8N                |
| <b>Blackleg</b>        | "R" for Blackleg   |
| <b>Fusarium</b>        | "R" for Fusarium Wilt                                    |
| <b>Maturity</b>        | 5L, late-mid maturing hybrid (same as P501L)             |



Source: 2019 Corteva Agriscience field trials

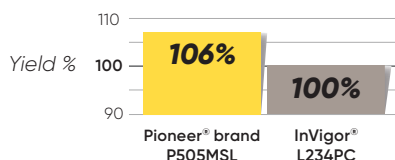
NEW

**P505MSL**



A next generation Pioneer Protector® Plus hybrid with yield, clubroot, sclerotinia, HarvestMax (for choice of harvest timing for maximum yield management) and blackleg - all in one package.

| PRODUCT KEY ATTRIBUTES |  |
|------------------------|--|
| <b>Yield</b>           | Superior yield potential, 104.6% of P501L                |
| <b>HarvestMax</b>      | Yes. Suitable for swath, delay swath or straight cutting |
| <b>Growth</b>          | Excellent early growth and field emergence               |
| <b>Lodging</b>         | Very good lodging score                                  |
| <b>Sclerotinia</b>     | Yes  |
| <b>Clubroot (CR1)</b>  | "R" for Clubroot vs 2F, 3H, 5I, 6M and 8N                |
| <b>Blackleg</b>        | "R" for Blackleg   |
| <b>Fusarium</b>        | "R" for Fusarium Wilt                                    |
| <b>Maturity</b>        | 5L, late-mid maturing hybrid                             |



Source: 2019 Corteva Agriscience field trials

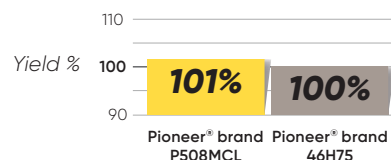
NEW

**P508MCL**



Pioneer Protector® HarvestMax protection and blackleg, now in the Clearfield® herbicide tolerant system.

| PRODUCT KEY ATTRIBUTES |   |
|------------------------|---|
| <b>Yield</b>           | Excellent yield potential, 100.8% of 46H75 (2 yr IMPACT, 2 yr small plot) |
| <b>HarvestMax</b>      | Yes. Suitable for swath, delay swath or straight cutting                  |
| <b>Growth</b>          | Excellent early growth and field emergence                                |
| <b>Lodging</b>         | Very good lodging score (same as 46H75)                                   |
| <b>Clubroot</b>        | No clubroot protection  |
| <b>Blackleg</b>        | "R" for Blackleg  |
| <b>Fusarium</b>        | "R" for Fusarium Wilt   |
| <b>Maturity</b>        | 5L, late maturing hybrid (0.3 days earlier vs 46H75)                      |



Source: 2019 Corteva Agriscience field trials



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LIMITED SUPPLY

### 45CM39

| TOWN         | PROVINCE     | YIELD (BU/AC) | SWATH OR STRAIGHT CUT |
|--------------|--------------|---------------|-----------------------|
| Roblin       | Manitoba     | 73.4          | Straight Cut          |
| McAuley      | Manitoba     | 68.1          | Swath                 |
| Roblin       | Manitoba     | 67.2          | Swath                 |
| Choiceland   | Saskatchewan | 65.5          | Straight Cut          |
| Shellbrook   | Saskatchewan | 63.2          | Swath                 |
| Aylsham      | Saskatchewan | 62.5          | Swath                 |
| Smoky Lake   | Alberta      | 62.4          | Swath                 |
| Carseland    | Alberta      | 61.2          | Straight Cut          |
| Regina       | Saskatchewan | 60.3          | Straight Cut          |
| Lloydminster | Saskatchewan | 60.3          | Straight Cut          |

### P506ML

| TOWN       | PROVINCE     | YIELD (BU/AC) | SWATH OR STRAIGHT CUT |
|------------|--------------|---------------|-----------------------|
| Granum     | Alberta      | 70.0          | Straight Cut          |
| Edam       | Saskatchewan | 63.7          | Straight Cut          |
| Carseland  | Alberta      | 62.8          | Straight Cut          |
| Souris     | Manitoba     | 62.7          | Straight Cut          |
| Choiceland | Saskatchewan | 61.9          | Straight Cut          |
| Rosalind   | Alberta      | 61.8          | Swath                 |
| -          | Alberta      | 61.8          | Straight Cut          |
| Arcola     | Saskatchewan | 61.0          | Straight Cut          |
| Roblin     | Manitoba     | 59.6          | Straight Cut          |
| Grandview  | Manitoba     | 57.8          | Swath                 |

### P505MSL

| TOWN        | PROVINCE     | YIELD (BU/AC) | SWATH OR STRAIGHT CUT |
|-------------|--------------|---------------|-----------------------|
| Gerald      | Saskatchewan | 89.7          | Swath                 |
| Saddle Lake | Alberta      | 71.0          | Swath                 |
| Roblin      | Manitoba     | 68.1          | Straight Cut          |
| Brooks      | Alberta      | 67.7          | Swath                 |
| Edam        | Saskatchewan | 65.7          | Straight Cut          |
| Lanigan     | Saskatchewan | 64.0          | Swath                 |
| Choiceland  | Saskatchewan | 62.2          | Straight Cut          |
| Arcola      | Saskatchewan | 60.2          | Straight Cut          |
| Souris      | Manitoba     | 59.5          | Straight Cut          |
| Carseland   | Alberta      | 58.9          | Straight Cut          |

### P508MCL

| TOWN       | PROVINCE     | YIELD (BU/AC) | SWATH OR STRAIGHT CUT |
|------------|--------------|---------------|-----------------------|
| Roblin     | Manitoba     | 57.8          | Swath                 |
| Saltcoats  | Saskatchewan | 55.4          | Straight Cut          |
| Hamiota    | Manitoba     | 54.2          | -                     |
| Aylsham    | Saskatchewan | 53.6          | Straight Cut          |
| Sperling   | Manitoba     | 52.1          | Swath                 |
| Holland    | Manitoba     | 51.7          | Swath                 |
| Neepawa    | Manitoba     | 50.3          | Swath                 |
| Virden     | Manitoba     | 45.6          | Swath                 |
| Melville   | Saskatchewan | 44.7          | Swath                 |
| Fork River | Manitoba     | 42.7          | Swath                 |

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