**Mexican Corn Rootworm Tests – Comanche County 2023**

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**Corn Rootworm Traits**

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| --- | --- |
| **Root trait package** | **Traits** |
| NBT | None |
| 3111 | mCry3A |
| SmartStax | Cry3Bb1 + Cry34/35 |
| Qrome | mCry3A + Cry34/35 |
| VT4Pro | Cry3Bb1 + dsRNA |
| SmartStax Pro | Cry3Bb1 + Cry34/35 + dsRNA |



**Corn Rootworm Insecticides**

|  |  |  |  |
| --- | --- | --- | --- |
| **Insecticide** | **Chemical** | **Rate** | **Application** |
| Poncho | clothianidin | 0.5 mg-ai/seed | Seed treatment |
| Capture LFR | bifenthrin | 8.5 fl-oz/ac | In-furrow spray |
| Counter | Terbufos | 6 oz/1000 ft | In-furrow granule |
| Index | chlorethoxyfos + bifenthrin | 10.5 fl-oz/ac | In-furrow spray |
| Plinazolin | plinazolin | 1.04 fl-oz/ac | In-furrow spray |



**Corn Rootworm Traits X Insecticides**



**Take Home Message**

* **Single traits are not working well**
* **Pyramided traits are working, but those without dsRNA are marginal**
* **Poncho 500 contributes no CRW control; Poncho 1250 will offer suppression**
* **Infurrow insecticides are effective**