**Maintainer and restorer for diverse CMS lines**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No.** | **CMS line** | **Restorer** | **Maintainer** | **Partial restorer** |
| (*Helianthus annuus*) | |  |  |  |
| 1 | COSF-7A | RHAGKVK-1, AKSFI-49-3, AKSFI-49-4, AKSFI-46-2, HOHAL-37, CSFI-5134, CSFI-5055, CSFI-5133, CSFI-5185, CSFI-5075, RHAGKVK-2, Selection-I | CSFI-5033, IB-50, IB-60, IB-61, IB-67, IB-101 | - |
| 2 | COSF-1A | RHAGKVK-1, AKSFI-49-3, AKSFI-49-4, AKSFI-46-2, HOHAL-37, CSFI-5134, CSFI-5055, CSFI-5133, CSFI-5185, CSFI-5075, RHAGKVK-2, Selection-I | CSFI-5033, IB-50, IB-60, IB-61, IB-67, IB-101 | - |
| 3 | CMS-7-1A | RHAGKVK-1, AKSFI-49-3, AKSFI-49-4, AKSFI-46-2, HOHAL-37, CSFI-5134, CSFI-5055, CSFI-5133, CSFI-5185, CSFI-5075, RHAGKVK-2, Selection-I | CSFI-5033, IB-50, IB-60, IB-61, IB-67, IB-101 | - |
| 4 | CMS-234A | RHAGKVK-1, AKSFI-49-3, AKSFI-49-4, AKSFI-46-2, HOHAL-37, CSFI-5134, CSFI-5055, CSFI-5133, CSFI-5185, CSFI-5075, CSFI-5261, RHAGKVK-2, Selection-I | CSFI-5033, AKSFI-42.1, IB-50, IB-60, IB-61, IB-67, IB-101 | - |
| 5 | CMS-10A | RHAGKVK-1, AKSFI-49-4, HOHAL-37, CSFI-5134, CSFI-5055, CSFI-5133, CSFI-5185, CSFI-5075, RHAGKVK-2, Selection-I | CSFI-5033, IB-50, IB-60, IB-61, IB-67, IB-101 | AKSFI-49-3, AKSFI-46-2 |
| 6 | CMS-2A | RHAGKVK-1, HOHAL-37, CSFI-5134, CSFI-5055, CSFI-5133, CSFI-5185, CSFI\_5075, RHAGKVK-2, Selection-I | CSFI-5033, IB-50, IB-60, IB-61, IB-67, IB-101 | - |
| 7 | CMS-852A | RHAGKVK-1, AKSFI-49-3, AKSFI-49-4, AKSFI-46-2, HOHAL-37, CSFI-5134, CSFI-5055, CSFI-5133, CSFI-5185, RHAGKVK-2, Selection-I | CSFI-5033, IB-50, IB-60, IB-61, IB-67, IB-101 | - |
| (*Helianthus lenticularis*) | |  |  |  |
| 8 | IMS-852A | CSFI-5134 | RHAGKVK-1, AKSFI-49-3, AKSFI-49-4, AKSFI-42.1, AKSFI-46-2, HOHAL-37 CSFI-5055, CSFI-5261, CSFI-5133, CSFI-5185, CSFI-5033, CSFI-5075, RHAGKVK-2, Selection-I, IB-60, IB-61 | - |