**C3 – Chemigation System Maintenance (SAMPLE)**

**Daily/weekly inspection**

The following could be embedded into an electronic labour management system as a daily or weekly task.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Problem identified?  | Locations  | Corrective Actions | Date Corrected |
| Check drippers for leaks  | Yes No | Examples: Section 2A, West block, etc.  |  |  |
| Check irrigations lines for leaks  | Yes No |  |  |  |
| Check for unbalanced or bowed troughs  | Yes No |  |  |  |
| Check trough ends for leaks | Yes No |  |  |  |

**Yearend maintenance**

The following should be inspected and maintained at the end of each crop cycle

|  |  |  |  |
| --- | --- | --- | --- |
|  | Locations  | Additional corrective actions needed?  | Date Completed |
| Troughs are cleaned to remove build up of lime or sediment  | Examples: Section 2A, West block, etc.  |  |  |
| Aging or broken troughs are replaced |  |  |  |
| Drippers are rigorous cleaned  |  |  |  |
| Irrigation lines are rigorously cleaned  |  |  |  |

**Year start maintenance**

The following should be inspected and maintained at the beginning of each crop cycle

|  |  |  |  |
| --- | --- | --- | --- |
|  | Locations  | Additional corrective actions needed?  | Date Completed |
| Ensure connections and seals are tight. Check for leaks before the start of production |  |  |  |
| Replace plastic floor sheeting as needed to prevent leaks from entering the ground |  |  |  |

References:

<http://www.omafra.gov.on.ca/english/engineer/facts/17-021.htm>