

1.0 GENERAL

1.1 Safety Requirements

- 1.1.1 Comply with pesticide control regulations of locality in which operation is to be carried out.
- 1.1.2 Comply with manufacturer's instructions on use of herbicide unless otherwise specified or directed.
- 1.1.3 Equipment operator must be provincially licensed to perform the application of the herbicide specified.

1.2 Storage

- 1.2.1 Store herbicides in well ventilated, controlled access location.
- 1.2.2 Store herbicides in original containers as supplied by manufacturer and keep sealed until used.
- 1.2.3 Do not store herbicides near agricultural plants, seeds, fertilizer or other agricultural chemicals.
- 1.2.4 Do not allow liquid herbicide products to freeze.

1.3 Payment

- 1.3.1 Chemical vegetation control will be measured in square metres of area actually treated.

2.0 PRODUCTS

2.1 Materials

- 2.1.1 Product to be used: glyphosate; Apply in strict accordance with manufacturer's instructions.
- 2.1.2 Use of any alternate product is subject to approval of the Consultant and the City of Regina.

3.0 EXECUTION

3.1 Equipment

- 3.1.1 Sprayer: do not use airblast, mist or fog sprayers. Sprayer to meet following requirements.
 - .1 Equipped with adjustable height boom, nozzles of adjustable width, hose and nozzles for spot treatment and foot valve.
 - .2 Tanks equipped with device for continuous agitation.
 - .3 Uniform pressure adjustable between 140 and 485 kPa.
 - .4 Interchangeable nozzles for spray pattern compatible with job.

- .5 Nozzle screens not smaller than No 250 Cdn Metric sieve mesh size.
- .6 Capable of maintaining uniform, forward speed.
- 3.1.2 Equipment to be calibrated and adjustable to specified application rates.
- 3.2 Application of Herbicides
 - 3.2.1 Comply with manufacturer's recommendations as to ambient temperatures for application of herbicide. Do not apply liquid herbicide during rainfall or when rain is forecast within 8 h or when heavy dew exists.
 - 3.2.2 For ground applications by boom spray:
 - .1 Do not spray when wind velocity exceeds 25 km/h.
 - .2 Spray only when travelling in a straight line and at uniform speeds.
 - .3 Avoid gaps between successive passes.
 - 3.2.3 Do not apply herbicides within 15 m of rivers, streams, lakes, wells or other environmentally sensitive areas.
 - 3.2.4 Do not allow drifting of sprays beyond application areas; use particulants as necessary.
 - 3.2.5 When spraying adjacent to flower beds, shrubs or other desirable vegetation, use a sprayer fitted with protective hood suitable to prevent contamination or provide protective covering for such vegetation while spray is in progress.
- 3.3 Clean Up
 - 3.3.1 Puncture or break empty herbicide containers and legally dispose off site.
- 3.4 Control Requirements
 - 3.4.1 Weed Control: treat areas indicated as required to safely achieve within 14 days of application at least a 90% kill of vegetation intended. Kill rate to be maintained for a period not less than one year.
- 3.5 Retreatment
 - 3.5.1 Retreat unaffected areas as necessary until specified control is achieved.