Pesticide Application Procedures for Grounds Maintenance Activities
Including all Herbicides, Fungicides, and Insecticides

I. Purpose:

The purpose is to ensure that herbicides, fungicides and insecticides are applied safely and effectively to the University landscape in a manner that will safeguard the University community and to promote environmental responsibility.

II. Applicator Categories

Herbicides, fungicides, and insecticides shall be applied by certified Commercial Applicators; trained and certified in the particular category that governs the application. General chemicals, including Round Up, may be applied by trained staff other than Commercial Applicators, if done so under the supervision of a Manager who is a Commercial Applicator. Applications of Round Up or other non-selective contact herbicides are to be approved by the Manager prior to application.

Employees required to maintain a valid Commercial Applicator certification include:
- Grounds Manager
- Arborist
- Grounds Technician
- Horticulturist
- Sports Turf Technician
- Assistant Sports Turf Technician

III. General Procedures

Label: Prior to using a herbicide, fungicide or insecticide, the applicator is to read and obey all labeling instructions. A label of the material being applied will be kept available at all times when applying the chemical.

Training: All staff that is required to work in the preparation and application of pesticides of any type will receive initial safety training within 30 days of employment. Formal training and update training will be provided yearly.

Transportation: Pesticides will not be transported in the same compartment with people or food. Pesticide containers shall be secured to vehicles during transpiration in a manner that will prevent spillage onto the vehicle or off the vehicle. Paper, cardboard and similar containers shall be covered when necessary to protect from moisture.
PPE: Protective Equipment including but not limited to coveralls, gloves, splash shield, and chemical resistant boots and respirators shall be worn in accordance with the product label. Protective equipment shall be worn while handling and mixing concentrate. Refer to product label for specific requirements.

Service Container / Equipment Labeling: The service container or equipment shall be labeled with the name of the chemical in the container and the signal word “Danger”, “Warning” or “Caution” in accordance with the label on the original container.

Calibration: All application equipment shall be calibrated for the particular material (specific chemicals and formulations) and shall be checked for accuracy periodically. Liquid spray equipment shall be checked at least daily calibration accuracy

IV Application record

A written record shall be kept of any pesticide (herbicide, fungicide, and insecticide) applications made to areas of the University landscape. Information included will include the applicator’s name, location, date, weather conditions, target pest, material applied, formulation and special comments, including re-entry information. Records will be kept in the Grounds Services office. A written record noting calibration activities shall be part of the pesticide record.

V. Cleaning / Tank Rinse

Material shall not be left in spray equipment over night. Equipment will be washed at the end of the day according to label direction. Rinse material will be captured, stored in a marked container and utilized to supplement water in the next solution. In lieu of capture and reuse, tank rinse may be sprayed over an area containing an approved crop.

VI. Disposal of unused chemical concentrate

Material stored on site in the Grounds facilities shall be limited. Unusable material shall be disposed of by Occupational Health and Safety. Disposal shall be in the original container.