



## PALM BEACH STATE COLLEGE PERSONAL PROTECTIVE EQUIPMENT (PPE) JOB HAZARD ASSESSMENT

<b>Department:</b> Facilities	<b>Campus:</b> All
<b>Task:</b> Operate a Backpack Sprayer	
<b>Job Title(s) Performing Task:</b> Groundskeeper	

*Reviewed by Sal Vacirca, Campus & Offsite Facilities Manager, July 30, 2015*

Task Step/Sub-Tasks	Hazard(s)	Recommended PPE (Bolded)/Controls
1. Perform pre-operational check of equipment. See also JHA "Handle/Apply Pesticides, Herbicides, Fungicides, Fertilizers".	None foreseen	Ensure that hoses are undamaged and that fittings are secure. If deficiencies are noted, remove from service and repair/replace as necessary.
1. Pour chemical product into sprayer.	Chemical exposure (from splashes)	Wear <b>work gloves</b> . Wear <b>long trousers</b> and <b>long-sleeve shirt</b> . Wear <b>splash goggles</b> . Do not mix chemicals.
2. Charge the sprayer.	Ergonomics (back strain or other strain)	Do stretching and warm-up exercises before starting work. Use easy motions; avoid over-reaching, twisting, bending and awkward positions.
3. Put sprayer on back.	Ergonomics (back strain or other strain)	Do stretching and warm-up exercises before starting work. Use easy motions.
4. Use sprayer; continue to charge as necessary.	Chemical exposure	Wear <b>work gloves</b> . Wear <b>long trousers</b> and <b>long-sleeve shirt</b> . Wear <b>splash goggles</b> . Wear appropriate <b>respirator</b> as per Safety Data Sheet.
5. Take sprayer off back when spraying is completed.	Ergonomics (back strain or other strain)	Do stretching and warm-up exercises before starting work. Use easy motions.

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6. Return leftover chemical product to its container.	Chemical exposure (from splashes)	Wear <b>work gloves</b> .
		Wear <b>long trousers</b> and a <b>long-sleeve shirt</b> .
		Wear <b>splash goggles</b> .
		Take care when pouring so as not to spill chemical product onto the ground.
7. Flush out sprayer system and prepare for storage.	Chemical exposure	Wear <b>work gloves</b> .
		Wear <b>long trousers</b> and a <b>long-sleeve shirt</b> .
		Wear <b>splash goggles</b> .

**NOTE:** Basic hazard categories include – **impact** (falling/flying objects, struck by), **falls from height**, **penetration** (sharp objects piercing foot/hand, other body parts), **compression** (roll-over or pinching), **cuts, burns, chemical exposure** (inhalation, ingestion, skin contact, eye contact or injection), **heat, extreme cold, harmful dust, noise, light (optical) radiation** (welding, brazing, cutting, furnaces, etc.), **ionizing radiation, non-ionizing (RF energy) radiation, electrical shock, ergonomics** (includes back strain or other strain due to lifting/stretching) and **biologic**.

**CERTIFICATION:** I certify that I have personally performed the above Job Hazard Assessment on the date indicated below. *This document is a Certification of the Hazard Assessment required by 29 CFR 1910.132(d)(2).*

Larry L. Leskovjan	<i>Larry L. Leskovjan</i>	July 30, 2015
<b>Printed Name</b>	<b>Signature</b>	<b>Date</b>