

Commercial Vegetable Information Website

<http://www.caes.uga.edu/commodities/fruits/veg>

Fumigation Safety Equipment

SCBA - Self Contained Breathing Apparatus - \$1,700 - \$3,200



Emergency Escape Breathing Apparatus - Not Acceptable



Respirators – must be fit tested and use organic vapor cartridges

Half Mask Respirators





Full Faced respirators



RESPIRATOR FIT TESTING

The OSHA Standard 1910.134 (1998) requires fit testing of all respirators including those with positive pressure annually. The respirator fit test is done to check that the mask size and mask model chosen fits the face. The fit test confirms that the mask fits the wearer's face and that there is minimal air leakage between the face and the mask. A respirator medical evaluation (Questionnaire) conducted within last 12 months by a qualified Licensed Healthcare Practitioner (LHP) or physician.

There are two types of fit testing: qualitative and quantitative.

Qualitative	Quantitative
	
Initial Kit: \$275 - 600	Equipment Cost: \$8,200 Rental: \$600
Supplies: 8-10 tests ~ \$8-40	Supplies: \$125/ 24 tests Respirator adapter:\$125 - 275

Qualitative is a pass/fail that relies on the respirator wearer's indicating whether he/she can smell, taste, or sense the test agent. Testing agents can be bitrex, saccharin, Isoamyl acetate or an irritant smoke.

Quantitative fit testing gives an objective measure of the quality of the seal between the wearer's face and the face piece. A fit factor number is produced.

Growers can do their own fit testing as long as they conduct once a year and document using an approved test such as qualitative.

Companies Providing Fit Test Services

Local Hospitals and Occupational Health Facilities

ASI Health Services

4885 Alpha Rd. Ste. 100.

Dallas, TX 75244

Has office in Alabama

1-888-602-8941

Phone: 469.522.3610

Fax: 972.458.0234

<http://asihealthservices.rtrk.com/>

Dawson Associates, Inc

922-B Hurricane Shoals Rd.

Lawrenceville, GA 30043

800-282-4782

Fax: 770-822-5873

<http://www.dawsonassoc.com/>

Go to them \$45.00/mask

Pine Environmental Services, Inc. -

GEORGIA OFFICE

4037 Darling Court, Suite D
Lilburn, GA 30047
Toll-free: 888-429-2711
Fax: 770-925-2811

Atlantic Environmental, Inc. – Has a Georgia Office

2 East Blackwell Street
Dover, NJ 07801
(800) 344-4414
(973) 366-4660
(973) 366-3116 Fax
info@atlenv.com
Respirator Fit Testing
Quantative \$50.00 to \$60.00 per test
Qualitative \$35.00 to \$45.00 per test
Certificates \$8.00 per test

The EI Group, Inc. – Has Florida Office

2101 Gateway Centre Boulevard
Suite 200
Morrisville, North Carolina 27560
Toll Free: 800.717.3472
Phone: 919.657.7500
Fax: 919.657.7551
Email: ei@ei1.com

Respiratory Protection Testing

<http://bestfittest.com>
Toll Free (866) 862-9586
Office (206) 529-4146
Fax (206) 529-4163

GAS SAMPLING EQUIPMENT & GAS DETECTION SUPPLIES

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922-B Hurricane Shoals Rd.
Lawrenceville, GA 30043
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<http://www.dawsonassoc.com/>

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4037 Darling Court, Suite D
Lilburn, GA 30047

Zefon International

Clayton Thompson
Eastern Territory Manager
Phone: 1-800-282-0073 x8445
Fax: +1 (352) 854-7480
E-mail: CThompson@zefon.com

Example of Gases to Measure

Chemical	Gas
Metam Sodium	methyl isothiocyanate
Chlorpicrin	chlorpicrin
PALADIN	dimethyl disulfide
Telone II	1,3-dichloropropen
MIDAS	methyl iodide
Methyl Bromide	methyl bromide

Manual Air Sampling

Detector tube Pump - \$340.00 - \$400.00

Gas Detection tubes - \$12.00/sampling tube



Powered Handheld Devices: \$3,500 – 5,000



MiniRAE 2000



PHOTOVAC