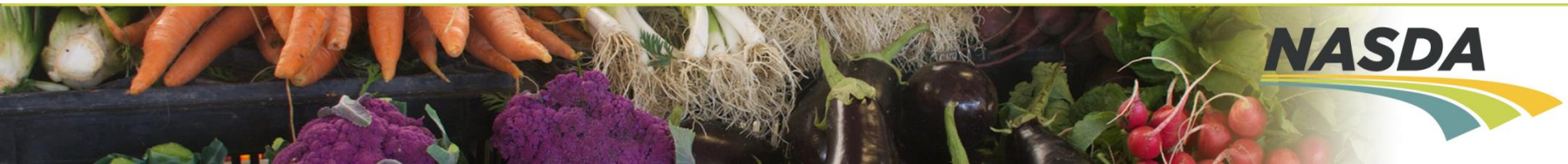
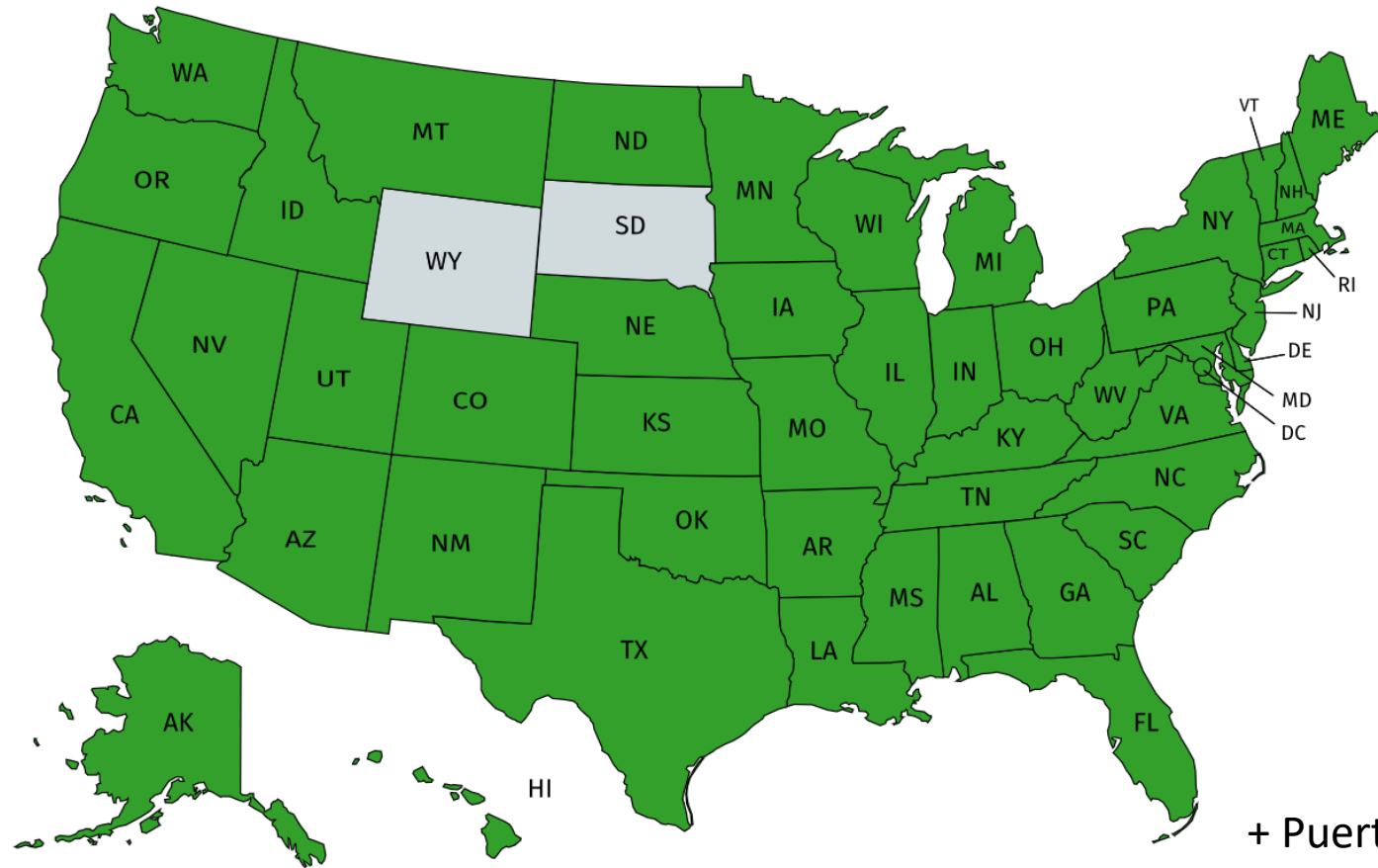


# OFRR Post Farm Visit Survey Southern Region Update

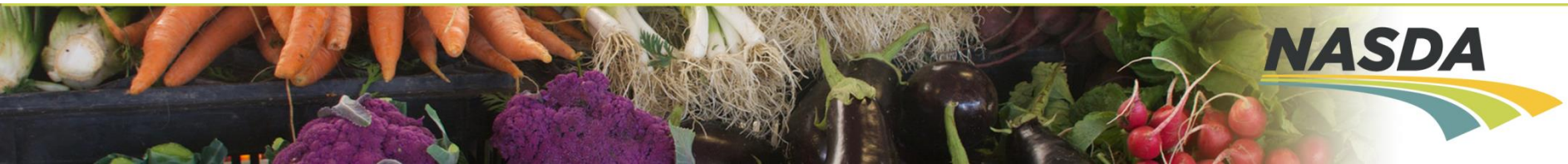
October 2019



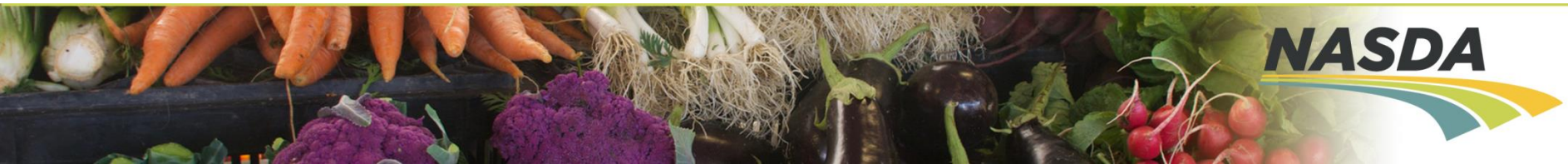
# States and territories trained in OFRR



+ Puerto Rico and US Virgin Islands



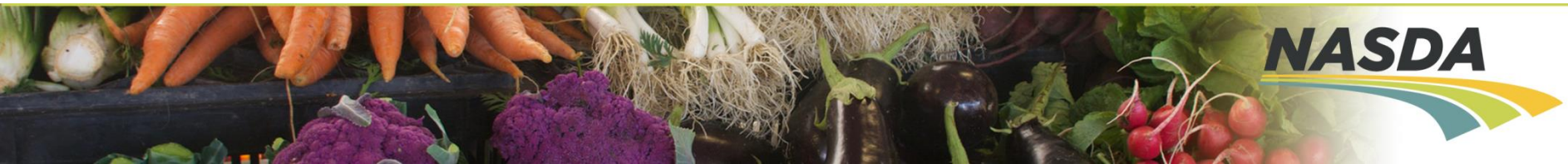
43 states and territories using OFRR survey  
12 Southern region states participating



# Southern Region Farm Participation

## 184 OFRR surveys in the Southern region

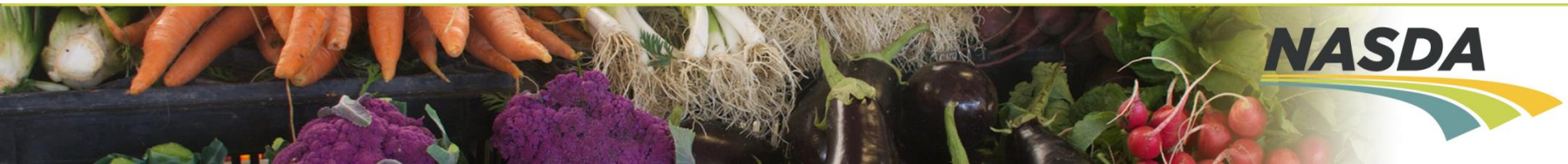
Size of participant operations	% participation
< 1 acres	5%
1-9 acres	17%
10 – 69 acres	23%
70- 99 acres	5%
100- 259 acres	21%
260-499 acres	11%
+500 acres	18%





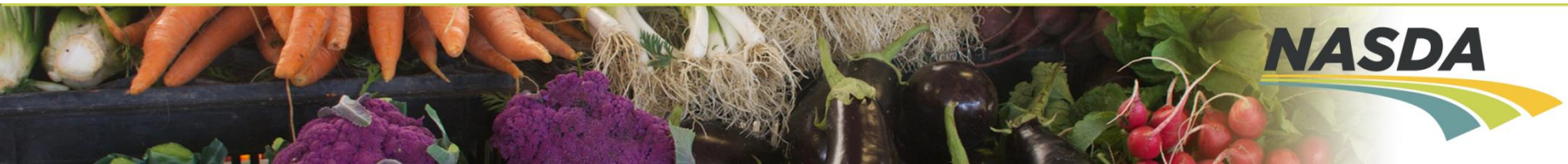
# Southern Region Farm Participation

Produce sales of participant farms	% participation
Less than \$25,000	4% (8 farms)
\$25,000 - \$250,000	19% (35)
\$250,000-\$500,000	21% (38)
\$500,000 +	56% (103)



# Southern Region Farm Participation

Expected number of Southern region farms qualifying for inspection (USDA Estimated costs for fruit and vegetable producers to comply with the FSMA PSR document)		% farms that have had OFRR
\$25,000 - \$250,000	6590	<1%
\$250,000-\$500,000	686	6%
\$500,000 +	1463	7%



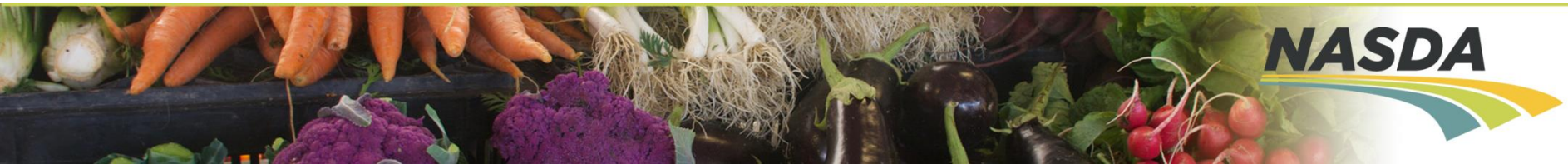
# Priorities for Improvement

Please indicate three areas that the farm requires the most improvement to satisfy FSMA Produce Safety Rule minimum requirements.

- ☐ Health and hygiene
- ☐ Preharvest biological soil amendments of animal origin
- ☐ Preharvest and Harvest Wild and Domestic Animals
- ☐ Preharvest worker training
- ☐ Preharvest sanitation
- ☐ Preharvest water
- ☐ Harvest worker training
- ☐ Harvest sanitation
- ☐ Harvest water
- ☐ Postharvest worker training
- ☐ Postharvest sanitation
- ☐ Postharvest water

0%  100%

<< >>



# Where are the deficiencies?

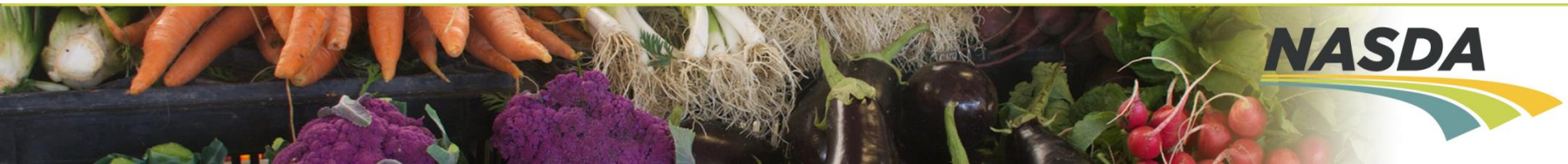
WAQ	% “top three priority” when WAQ used
Postharvest sanitation	52%
Harvest sanitation	36%
Health and hygiene	34%
Harvest worker training	31%
Preharvest water	28%
Preharvest worker training	21%
Preharvest sanitation	17%
Postharvest worker training	13%
Harvest water	11%
Preharvest BSAAO	11%
Postharvest water	10%
Preharvest and harvest wild and domesticated animals	9%





# Priorities for Improvement

<b>1. Postharvest Sanitation WAQ</b> Used on 155 farms, top 3 priority: 52%	<b>% of the responses needed improvement</b>
Inadequate recordkeeping of practices	16%
Inadequate construction or maintenance	13%
Inadequate transportation vehicle cleaning	9%
Inappropriate sanitizer use	8%
Inadequate management of standing water in packing area	8%



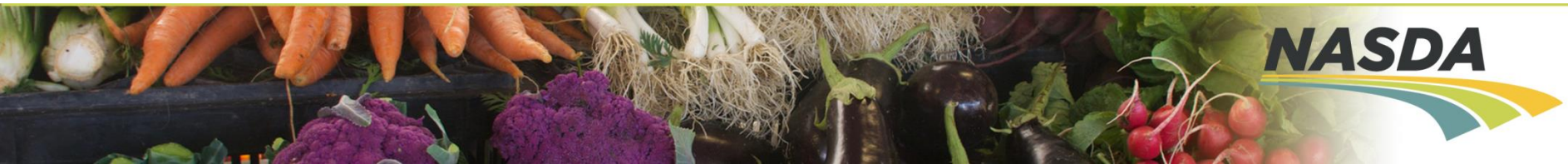
# Priorities for Improvement

<b>1. Postharvest Sanitation WAQ</b> Used on 155 farms, top 3 priority: 52%	% of the responses needed improvement
Inadequate recordkeeping of practices	28%
Inadequate construction or maintenance	12%
Inadequate rodent control program	11%
Inappropriate	
Inadequate water in	<div> <b>Comments:</b>                          Cooler condensation drip                          Ice use practices                          Surface issues: type of surface and maintenance of surface                     </div>



# Priorities for Improvement

2. Harvest Sanitation WAQ Used on 165 farms, top 3 priority: 36%	% of the responses needed improvement
Inadequate frequency of cleaning and sanitizing of product contact surfaces	34%
Inadequate cleaning and sanitation of reusable harvest containers	25%
Inadequate recordkeeping of cleaning and sanitizing practices	24%
Inappropriate worker response to dropped produce or product with fecal contamination	4%



# Priorities for Improvement

<b>2. Harvest Sanitation WAQ</b> Used on 165 farms, top 3 priority: 36%	% of the responses needed improvement
Inadequate frequency of cleaning and sanitizing of product contact surfaces	34%
Inadequate cleaning and sanitation of reusable harvest containers	25%
Inadequate recordkeeping of cleaning and sanitizing practices	24%
Inappropriate handling of trash during harvest activities Containers dropped or left on ground Harvest containers contacting bare ground Single use packaging Lack of sanitation step	



# Priorities for Improvement

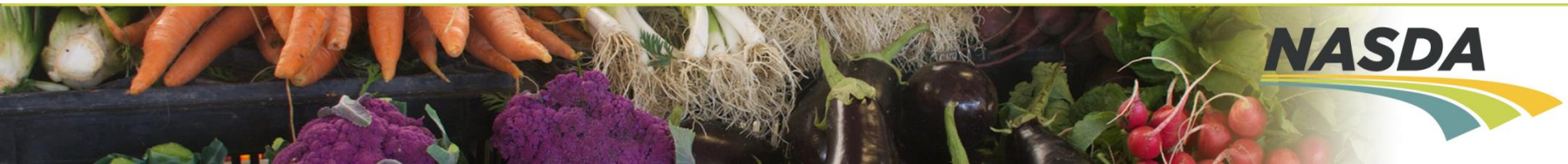
<b>3. Health and Hygiene WAQ</b> Used on 182 farms, top 3 priority: 34%	% of the responses needed improvement
Inadequate toilet and handwashing facilities	13%
Lack of annual hygiene training for workers	13%
Inadequate worker hygiene training	12%
Inadequate visitor notification of health and hygiene requirements	12%
Inadequate or missing records of hygiene training	11%





# Priorities for Improvement

3. Health and Hygiene WAQ Used on 182 farms, top 3 priority: 34%		% of the responses needed improvement
Inadequate toilet and handwashing facilities		13%
Lack of annual hygiene training for workers		13%
Inadequate worker hygiene training		12%
Inadequate visitor notification of health and hygiene requirements		12%
Inadequate or missing records of hygiene training		11%
<b>Comments:</b> Lack of soap Hand washing sink number or functioning issues		



# Priorities for Improvement

4. Harvest Worker Training WAQ Used on 167 farms, top 3 priority: 31%	% of the responses needed improvement
Inadequate worker hygiene training for workers with specialized tasks	29%
Lacking annual worker hygiene training	22%
Inadequate visitor notification of health and hygiene requirements	21%
Inadequate toilet and handwashing facilities	14%



# Priorities for Improvement

<b>4. Harvest Worker Training WAQ</b> Used on 167 farms, top 3 priority: 31%	% of the responses needed improvement
Inadequate worker hygiene training for workers with specialized tasks	29%
Lacking annual worker hygiene training	22%
Inadequate worker hygiene training	21%
Inadequate worker hygiene training	21%
<b>Comments:</b> Signage in a second language lacking Contracted services concerns Lack of record keeping, and growers displeased with having to keep them	



# Priorities for Improvement

<b>5. Preharvest water WAQ</b> Used on 163 farms, top 3 priority: 28%	% of the responses needed improvement
Lack of annual water system inspection	28%
Lack of testing results for preharvest water source	28%
Lack of corrective actions for water not meeting farm intended criteria	15%



# Priorities for Improvement

5. Preharvest water WAQ Used on 163 farms, top 3 priority: 28%		% of the responses needed improvement
Lack of annual water system inspection		28%
Lack of testing results for preharvest water source		28%
Lack of correct meeting farm	<b>Comments:</b> Well construction issues Hose ends found on the ground	





# Are farms prepared in the Southern region?

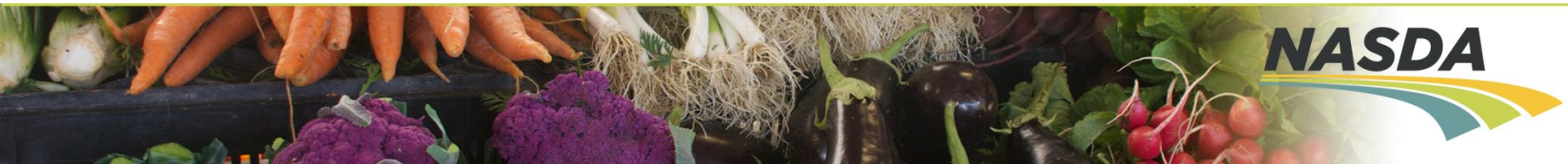
Please indicate the readiness of the farm for FSMA Produce Safety Rule compliance:

- ☐ Meets minimum FSMA Produce Safety Rule requirements
- ☐ Needs minor improvements to meet minimum FSMA Produce Safety Rule requirements
- ☐ Needs significant improvements to meet minimum FSMA Produce Safety Rule requirements

0%  100%



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# Are Farms Prepared in the Southern region?

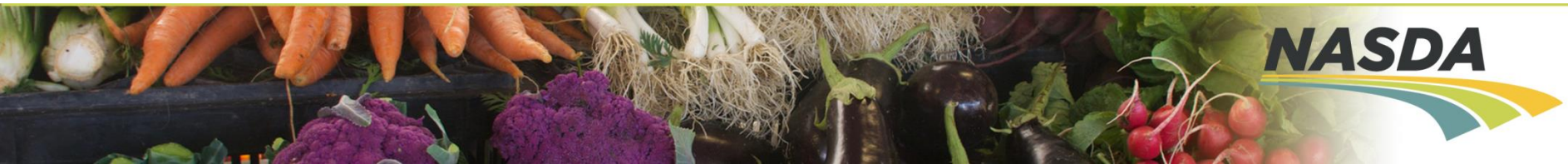
N=183

<b>Meets minimum standards</b>	<b>44%</b>
<b>Needs minor improvements</b>	<b>45%</b>
<b>Needs significant improvements</b>	<b>11%</b>



# Southern Region Farm Readiness by Size

Produce sales of participant farms	Meets (80 farms)	Minor (82)	Significant (21)
Less than \$25,000	3% (2 farms)	4% (3 farms)	10% (2 farms)
\$25,000 - \$250,000	10% (8)	27% (22)	24% (5)
\$250,000-\$500,000	21% (17)	17% (14)	33% (7)
\$500,000 +	66% (53)	52% (43)	33% (7)

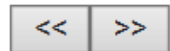


# What do farms in the Southern region need?

What type of assistance does this farm need to meet the minimum requirements of the FSMA Produce Safety Rule?

- ☐ Technical assistance
- ☐ Facility upgrades
- ☐ Significant monetary investments
- ☐ Time
- ☐ None
- ☐ Other

0%  100%



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# What do farms in the Southern region need?

N=183

	All Participant Farms
Time	31%
Technical assistance	25%
Facility upgrades	17%
None	17%
Significant monetary investments	4%

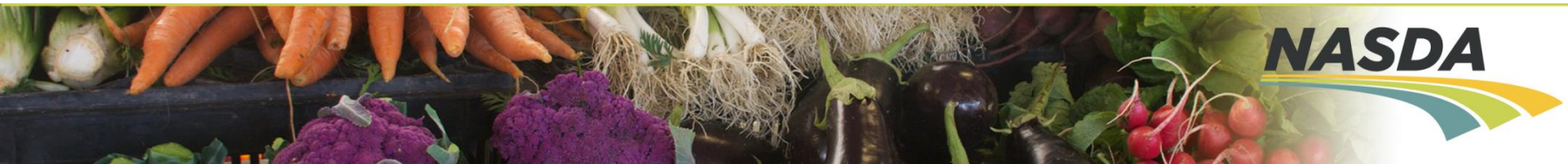




# What do farms in the Southern region need?

N=183

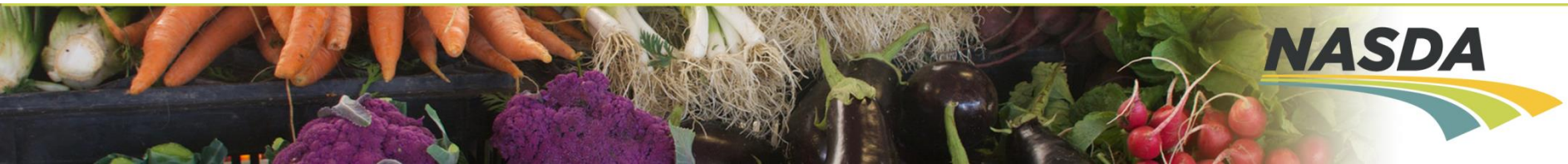
	Meets (n=80)	Minor (n=82)	Significant (n=21)
Time	24%	40%	22%
Technical assistance	16%	27%	34%
Facility upgrades	7%	20%	28%
None	5%	6%	5%
Significant monetary investments	1%	3%	10%



# What do farms in the Southern region need?

N=183

	Meets (n=80)	Minor (n=82)	Significant (n=21)
Time	24%	40%	22%
Technical assistance	16%	27%	34%
Facility upgrades	7%	20%	28%
None	5%	6%	5%
Significant investment	<b>Comments:</b> Training, training, training Commit to decision making to reduce risks Worker re-enforcement		



# Observations

- #1 issue is inadequate frequency of cleaning and sanitizing of product contact surfaces
- Surface sanitation issues require technical assistance from field thru packinghouse
- Recordkeeping is a hurdle for many farms, PSA documents are easily accessible online
- Technical assistance is recommended at a significant number of OFRRs, are the farms asking for it?
- Annual water system inspections are lacking

