Initial Report

Last Modified: 09/09/2011

1. Please answer the following questions in reguards to your high tunnel/greenhouse with season greens production from the 2009-2010 growing season.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Marketable Yield (lbs/1000 sq ft) | Unmarketable Yield | Total Production (sq ft) | Average price per pound | Harvest Window: a. Number of weeks | Harvest Window: b. Start date | Harvest Window: c. End date | Comments |
| 102 | 90 | 2565 | $4.25 | 26 | 10-22-09 | 4-20-10 |  |
| 1000-2000 | not recorded | 2500 | all sold thru CSA | 29 weeks | 3rd week of May | 1st week of Dec |  |
| 100lbs/ 1000 sq tf | 50lbs/ 1000 sq ft | 5632 | est. $8/lb in share | 8 | 12/1 | 2/31 |  |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 3 |

2. Please answer the following questions in reguards to your high tunnel/greenhouse with season greens production from the 2010-2011 growing season.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Marketable Yield (lbs/1000 sq ft) | Unmarketable Yield | Total Production (sq ft) | Average price per pound | Harvest Window: a. Number of weeks | Harvest Window: b. Start date | Harvest Window: c. End date | Comments |
| 258.74 (still harvesting) | 50 | 2565 | $4.25 | 27 | 10-15-10 | as of 4-27-11 | still harvesting |
| 1000-2000 | not recorded | 5300 | approx $4 for greens sold on farm stand | 29 weeks | 3rd week of May | 1st week of Dec | Was planning to harvest thru Dec, but cold snap in late Nov- early Dec damaged lettuces in the house and they were not saleable. ~1500 sq ft of lettuce scrapped |
| 100/1000 sq ft | 50/lbs 1000 sq ft | 5632 | est $8 in csa share | 8 | 12/1 | 2/31 |  |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 3 |

3. What kinds of pest management control methods have you used in your winter greens production? Please note your approximate dates/application times.   2009-2010 Growing Season

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | Aphidius colemani | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 2 | Aphidius ervi | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 3 | Lady Beetles | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 4 | Lacewings | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 5 | Aphidoletes aphidimyza | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 6 | Botigard | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 7 | Horticultural Oil | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 8 | Mycotrol | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 9 | Bt's | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 10 | Variety Selection: Please list varieties chosen | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 11 | Warm season crop management: Release of beneficials | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 12 | Warm season crop management: Application of pesticides | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 13 | Warm season crop management: Regular scouting | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 14 | Warm season crop management: Crop rotation | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 15 | Other | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 16 | Other | |  |  | | --- | --- | |  |  | | 0 | 0% |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Aphidius colemani | Aphidius ervi | Lady Beetles | Lacewings | Aphidoletes aphidimyza | Botigard | Horticultural Oil | Mycotrol | Bt's | Variety Selection: Please list varieties chosen | Warm season crop management: Release of beneficials | Warm season crop management: Application of pesticides | Warm season crop management: Regular scouting | Warm season crop management: Crop rotation | Other | Other |
|  |  |  |  |  |  |  |  |  | growing fewer Asian greens like Mizuma and fewer brassicas |  |  |  |  | row cover is primary insect control |  |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 10 |
| Max Value | 15 |
| Total Responses | 2 |

4. What kinds of pest management control methods have you used in your winter greens production? Please note your approximate dates/application times.   2010-2011 Growing Season

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | Aphidius colemani | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 2 | Aphidius ervi | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 3 | Lady Beetles | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 4 | Lacewings | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 5 | Aphidoletes aphidimyza | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 6 | Botigard | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 7 | Horticultural Oil | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 8 | Mycotrol | |  |  | | --- | --- | |  |  | | 1 | 33% |
| 9 | Bt's | |  |  | | --- | --- | |  |  | | 1 | 33% |
| 10 | Variety Selection: Please list varieties chosen | |  |  | | --- | --- | |  |  | | 1 | 33% |
| 11 | Warm season crop management: Release of beneficials | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 12 | Warm season crop management: Application of pesticides | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 13 | Warm season crop management: Regular scouting | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 14 | Warm season crop management: Crop rotation | |  |  | | --- | --- | |  |  | | 1 | 33% |
| 15 | Other | |  |  | | --- | --- | |  |  | | 3 | 100% |
| 16 | Other | |  |  | | --- | --- | |  |  | | 3 | 100% |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Aphidius colemani | Aphidius ervi | Lady Beetles | Lacewings | Aphidoletes aphidimyza | Botigard | Horticultural Oil | Mycotrol | Bt's | Variety Selection: Please list varieties chosen | Warm season crop management: Release of beneficials | Warm season crop management: Application of pesticides | Warm season crop management: Regular scouting | Warm season crop management: Crop rotation | Other | Other |
|  |  |  |  |  |  |  | 1/3/11, 2/5/11, 2/24/11, | Dipel: 11/2/10, 11/11/10 |  |  |  |  |  | Moltx sprayed with Mycotrol | Iron Phosphate: 10/26/10 |
|  |  |  |  |  |  |  |  |  | growing fewer Asian greens like Mizuma and fewer brassicas |  |  |  |  | Iron Phosphate, November | row cover is primary insect control |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | dipel | sluggo |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 8 |
| Max Value | 16 |
| Total Responses | 3 |

5. Where do you sell your winter greens?  Please list your frequency of sales.   2009-2010 Growing Season

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | CSA | |  |  | | --- | --- | |  |  | | 2 | 67% |
| 2 | Retail | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 3 | Resturants | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 4 | Farmers Market | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 5 | Produce Auction | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 6 | Other (please list) | |  |  | | --- | --- | |  |  | | 1 | 33% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CSA | Retail | Resturants | Farmers Market | Produce Auction | Other (please list) |
|  |  |  |  |  | Countryside Produce Store: avg of 2 times a week |
| weekly |  |  |  |  |  |
| 6 biweekly distributions |  |  |  |  |  |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 1 |
| Max Value | 6 |
| Total Responses | 3 |

6. Where do you sell your winter greens?  Please list your frequency of sales.   2010-2011 Growing Season

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | CSA | |  |  | | --- | --- | |  |  | | 2 | 67% |
| 2 | Retail | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 3 | Resturants | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 4 | Farmers Market | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 5 | Produce Auction | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 6 | Other (please list) | |  |  | | --- | --- | |  |  | | 1 | 33% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CSA | Retail | Resturants | Farmers Market | Produce Auction | Other (please list) |
|  |  |  |  |  | Countryside Produce Store: avg of 3 times a week |
| weekly |  |  |  |  |  |
| 6 biweekly distribution |  |  |  |  |  |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 1 |
| Max Value | 6 |
| Total Responses | 3 |

7. Please list the pros and cons of growing winter greens.

|  |  |
| --- | --- |
| PROS of winter greens production | CONS of winter greens production |
| Increased income. Season extender. A nice winter job. | A good way for aphids to survive the winter. |
| fresh greens i winter are profitable gain a double use of greenhouse space can grow greens from summer crop fertilization good diversity in the greenhouse | mildew frozen crops potential for high nitrates potential to attract slugs and pillbugs in the spring |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 2 |

8. Have you seen any changes in the following growing practices from the 2009/2010 season to the 2010/2011 season?

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| # | Question | Strongly Disagree | Disagree | Neither Agree nor Disagree | Agree | Strongly Agree | Responses | Mean |
| 1 | I spent less time sorting my greens | 0 | 1 | 1 | 0 | 1 | 3 | 3.33 |
| 2 | Harvesting is easier | 0 | 0 | 2 | 1 | 0 | 3 | 3.33 |
| 3 | I have less pest pressure | 0 | 0 | 2 | 0 | 1 | 3 | 3.67 |

|  |  |  |  |
| --- | --- | --- | --- |
| Statistic | I spent less time sorting my greens | Harvesting is easier | I have less pest pressure |
| Min Value | 2 | 3 | 3 |
| Max Value | 5 | 4 | 5 |
| Mean | 3.33 | 3.33 | 3.67 |
| Variance | 2.33 | 0.33 | 1.33 |
| Standard Deviation | 1.53 | 0.58 | 1.15 |
| Total Responses | 3 | 3 | 3 |

9. What do you attribute the changes mentioned in the previous question to?  Please explain.

|  |
| --- |
| Text Response |
| Spent less time sorting because of less pests and better quaility overall. Harvesting made easier because of rearrangement of beds and aisles and better drainage. Sprayed more. |
| Experience. I am getting better at recognizing potential problems and reacting more quickly and more appropriately. |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 2 |