

# Kern County Carrot Variety Trial Spring 2020

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## Table of Contents

|  |           |
|--|-----------|
| <b>Introduction .....</b>  | <b>3</b>  |
| <b>Planting and harvesting .....</b>                             | <b>3</b>  |
| <b>Table of entries.....</b>                                     | <b>4</b>  |
| <b>Cut and peel .....</b>  | <b>5</b>  |
| 1. 3179, 2. 3184, 3. 3185 .....                                  | 5         |
| 4. 3186, 5. PS 1441, 6. SV2765DC, 7. SVDC1978.....               | 6         |
| 8. SVDC4193, 9. SVDC2089, 10. CR1706, 11. CrispyCut.....         | 7         |
| 12. HoneySnax, 13. HighCut, 14. UpperCut, 15. NUN 85935.....     | 8         |
| 16. NUN 85936, 17. FCR 17720, 18. FCR 17724, 19. FCR 1889.....   | 9         |
| 20. FCR 19035, 21. FCR 18875, 22. FCR 17750 .....                | 10        |
| 24. SlenderCut, 25. 673-2, 26. 713-5, 27. 790-5 .....            | 11        |
| 28. 790-6, 29. 17'B101-2, 30. 19'S1433-3, 31. 19'B108-3 .....    | 12        |
| 32. 19'B109-3, 33. 19'B110-3, 34. 19'B112-3.....                 | 13        |
| <b>Cello .....</b>   | <b>14</b> |
| 35. 3187, 36. 3188, 37. Istanbul.....                            | 14        |
| 38. SV2384DL, 39. SV4128DL, 40. SV2214DL, 41. SVDL643 .....      | 15        |
| 42. Orangeblaze, 43. Maverick , 44. Trooper, 45. Rebel .....     | 16        |
| 46. NUN 85192, 47. Apache, 48. Hoss, 49. Sun 255.....            | 17        |
| 50. Bulldog, 51. FCR 18846, 52. FCR 17703, 53. FCR 16581.....    | 18        |
| 54. FCR 16554, 55. FCR 17702, 56. FCR 12073, 57. 19'B111-3 ..... | 19        |
| 58. 19'B113-3, 59. 19'B113-4, 60. 750-4, 61. 764-4.....          | 20        |
| 62. 788-5, 63. 789-2, 64. 18'B111-7, 65. 18'B111-8.....          | 21        |
| 66. 18'B112-4.....   | 22        |
| <b>Colored .....</b>   | <b>23</b> |
| 67. Mello Yellow, 68. Yellowstone, 69. Purple Haze.....          | 23        |
| 70. Purple Sun, 71. Deep Purple, 72. Redsun, 73. Rainbow .....   | 24        |
| 74. Yellow moon, 75. White Satin, 76. Malbec, 77. 976-4.....     | 25        |
| 78. 976-5, 79. 17'B103-1, 80. 981-5, 81. 983-5 .....             | 26        |
| 82. 9B5-5, 83. 17'B104-1, 84. 13'S364-1, 85. 994-6.....          | 27        |
| <b>Table 1. Estimated bolting incidence score.....</b>           | <b>28</b> |
| <b>Acknowledgements .....</b>                                    | <b>29</b> |



## **Kern County Carrot Variety Trial, Spring 2020**

### **Introduction**

The Kern County carrot variety trial is conducted at a grower's field in Kern County. Common standard carrot varieties used by the California carrot industry are grown alongside the newly released carrot varieties and potential new carrot varieties for release. All of the major seed breeders are represented with their varieties on display for everyone to evaluate at the field day.

It is unfortunate that we have to forego the traditional field day due to Covid-19, but we are still committed to sharing our research and reaching out to our stakeholders via this document.

We will conduct another carrot variety trial in fall with a potential field day in January for the industry.

### **Trial Details**

- Planted on Jan 30, 2020 (13' long beds)
- Harvested on June 25, 2020
- 85 Entries
  - 34 Cut and Peel
  - 32 Cello
  - 19 Colored

## Table of Entries

### Cut and Peel

| ID # | ID         | Source    |
|------|------------|-----------|
| 1    | 3179       | Bejo      |
| 2    | 3184       | Bejo      |
| 3    | 3185       | Bejo      |
| 4    | 3186       | Bejo      |
| 5    | PS 1441    | Seminis   |
| 6    | SV2765DC   | Seminis   |
| 7    | SVDC1978   | Seminis   |
| 8    | SVDC4193   | Seminis   |
| 9    | SVDC2089   | Seminis   |
| 10   | CR1706     | Seminis   |
| 11   | CrispyCut  | Nunhems   |
| 12   | HoneySnax  | Nunhems   |
| 13   | HighCut    | Nunhems   |
| 14   | UpperCut   | Nunhems   |
| 15   | NUN 85935  | Nunhems   |
| 16   | NUN 85936  | Nunhems   |
| 17   | FCR 17720  | Sakata    |
| 18   | FCR 17724  | Sakata    |
| 19   | FCR 18891  | Sakata    |
| 20   | FCR 19035  | Sakata    |
| 21   | FCR 18875  | Sakata    |
| 22   | FCR 17750  | Sakata    |
| 23   | Candysnax  | Bolthouse |
| 24   | SlenderCut | Bolthouse |
| 25   | 673-2      | USDA      |
| 26   | 713-5      | USDA      |
| 27   | 790-5      | USDA      |
| 28   | 790-6      | USDA      |
| 29   | 17'B101-2  | USDA      |
| 30   | 19'S1433-3 | USDA      |
| 31   | 19'B108-3  | USDA      |
| 32   | 19'B109-3  | USDA      |
| 33   | 19'B110-3  | USDA      |
| 34   | 19'B112-3  | USDA      |

### Cello

| ID # | ID          | Source    |
|------|-------------|-----------|
| 35   | 3187        | Bejo      |
| 36   | 3188        | Bejo      |
| 37   | Istanbul    | Bejo      |
| 38   | SV2384DL    | Seminis   |
| 39   | SV4128DL    | Seminis   |
| 40   | SV2214DL    | Seminis   |
| 41   | SVDL6430    | Seminis   |
| 42   | Orangeblaze | Seminis   |
| 43   | Maverick    | Nunhems   |
| 44   | Trooper     | Nunhems   |
| 45   | Rebel       | Nunhems   |
| 46   | NUN 85192   | Nunhems   |
| 47   | Apache      | Nunhems   |
| 48   | Hoss        | Bolthouse |
| 49   | Sun 255     | Bolthouse |
| 50   | Bulldog     | Bolthouse |
| 51   | FCR 18846   | Sakata    |
| 52   | FCR 17703   | Sakata    |
| 53   | FCR 16581   | Sakata    |
| 54   | FCR 16554   | Sakata    |
| 55   | FCR 17702   | Sakata    |
| 56   | FCR 12073   | Sakata    |
| 57   | 19'B111-3   | USDA      |
| 58   | 19'B113-3   | USDA      |
| 59   | 19'B113-4   | USDA      |
| 60   | 750-4       | USDA      |
| 61   | 764-4       | USDA      |
| 62   | 788-5       | USDA      |
| 63   | 789-2       | USDA      |
| 64   | 18'B111-7   | USDA      |
| 65   | 18'B111-8   | USDA      |
| 66   | 18'B112-4   | USDA      |

### Colored

| ID # | ID           | Source  |
|------|--------------|---------|
| 67   | Mello Yellow | Bejo    |
| 68   | Yellowstone  | Bejo    |
| 69   | Purple Haze  | Bejo    |
| 70   | Purple Sun   | Bejo    |
| 71   | Deep Purple  | Bejo    |
| 72   | Redsun       | Bejo    |
| 73   | Rainbow      | Bejo    |
| 74   | Yellow moon  | Bejo    |
| 75   | White Satin  | Bejo    |
| 76   | Malbec       | Seminis |
| 77   | 976-4        | USDA    |
| 78   | 976-5        | USDA    |
| 79   | 17'B103-1    | USDA    |
| 80   | 981-5        | USDA    |
| 81   | 983-5        | USDA    |
| 82   | 985-5        | USDA    |
| 83   | 17'B104-1    | USDA    |
| 84   | 13'S364-1    | USDA    |
| 85   | 994-6        | USDA    |

# 1 Cut and Peel



1. 3179



2. 3184



3. 3185



4. 3186



5. PS 1441



6. SV2765DC



7. SVDC1978



8. SVDC4193



9. SVDC2089



10. CR1706



11. CrispyCut



12. HoneySnax



13. HighCut



14. UpperCut



15. NUN 85935





16. NUN 85936



17. FCR 17720



18. FCR 17724



19. FCR 18891



20. FCR 19035



21. FCR 18875



22. FCR 17750



24. SlenderCut



25. 673-2



26. 713-5



27. 790-5



28. 790-6



29. 17'B101-2



30. 19'S1433-3



31. 19'B108-3



32. 19'B109-3



33. 19'B110-3



34. 19'B112-3

## 2 Cello



35. 3187



36. 3188



37. Istanbul



38. SV2384DL



39. SV4128DL



40. SV2214DL



41. SVDL6430



42. Orangeblaze



43. Maverick



44. Trooper



45. Rebel





46. NUN 85192



47. Apache



48. Hoss



49. Sun 255



50. Bulldog



51. FCR 18846



52. FCR 17703



53. FCR 16581



54. FCR 16554



55. FCR 17702



56. FCR 12073



57. 19'B111-3



58. 19'B113-3



59. 19'B113-4



60. 750-4



61. 764-4



62. 788-5



63. 789-2



64. 18'B111-7



65. 18'B111-8



66. 18'B112-4

## 2 Colored



67. Mello Yellow



68. Yellowstone



69. Purple Haze



70. Purple Sun



71. Deep Purple



72. Redsun



73. Rainbow





74. Yellow moon



75. White Satin



76. Malbec



77. 976-4



78. 976-5



79. 17'B103-1



80. 981-5



81. 983-5



82. 9B5-5



83. 17'B104-1



84. 13'S364-1



85. 994-6

**Table 1.** Estimated bolting incidence score

| ID# | ID          | Percent bolting incidence |
|-----|-------------|---------------------------|
| 69  | Purple Haze | 2.0                       |
| 72  | Redsun      | 10.0                      |
| 76  | Malbec      | 5.0                       |
| 77  | 976-4       | 25.0                      |
| 78  | 976-5       | 70.0                      |
| 79  | 17'B103-1   | 40.0                      |
| 80  | 981-5       | 20.0                      |
| 81  | 983-5       | 85.0                      |
| 82  | 9B5-5       | 85.0                      |
| 83  | 17'B104-1   | 85.0                      |
| 84  | 13'S364-1   | 50.0                      |
| 85  | 994-6       | 5.0                       |





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## For more information

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