

F

original

GRAPE

Grape
Pollination
1908

1908

Pollination 1908

1908

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Grapes*

Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|------------------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 1 | | Agawan x Beta | | 1908 | 1908 | | 5 | | 37 |
| 7 | | Campbells Early x Beta | | " | " | | 5 | | 15 |
| 5 | | Beta x Justice | | " | " | | 5 | | 9 |
| 8 | | Delaware x Beta | | " | " | | 5 | | 65 |
| 14 | | Witt x Beta | | " | " | | 5 | | 69 |
| 3 | | Agawan x Beta Sally | | " | " | | 5 | | 67 |
| - 15 | | Wooden x Johnsons wild | | " | " | | 5 | | 29 |
| - 10 | | Moores Early x Johnsons wild | | " | " | | 5 | | 2 |
| - 13 | | Tame Grape x wild | | " | " | | 5 | | 8 |
| 2 | | Agawan x Beta | | " | " | | 5 | | 41 |
| - 12 | | Tame Grape x Beta | | " | " | | 5 | | 40 |
| 11 | | Rogers x Beta | | " | " | | 5 | | 75 |
| 6 | | Beta x Salem | | " | " | | 5 | | 138 |
| 9 | | Jamesville x Beta | | " | " | | 5 | | 71 |
| 4 | | Beta x Concord | | " | " | | 5 | | 50 |

716

STRAWBERRY
Pollination
1909

STRAWBERRY

Pollination record, 1909 ~~1911~~

1909

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|---------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| ✓ 342 | Thompson | wild x S. Dak | | Jan 1-09 | Jan 2-09 | | | | 1 |
| ✓ 387 | Margarite | x Jessie x Dunlap | | Jan 14-09 | Jan 14-09 | | | | 1 |
| ✓ 275 | Dunlap | Seedling | | | | | | | 1 |
| ✓ 343 | S. Dak | x Thompson x wild | | Jan 1-09 | Jan 2-09 | | | | 1 |
| ✓ 366 | Dunlap | x S. Dak | | " 8-09 | " 9-09 | | | | 1 |
| ✓ 373 | " | " | | " | " | | | | 1 |
| ✓ 389 | Margarite | x Jessie x Dunlap | | " 11-09 | " 11-09 | | | | 1 |
| ✓ 310 | Dunlap | x S. Dak | | " 14-09 | " 15-09 | | | | 1 |
| ✓ 368 | " | " | | " 8-09 | " 9-09 | | | | 1 |
| ✓ 382 | Margarite | x Jessie x Dunlap | | " 14-09 | " 14-09 | | | | 11 |
| ✓ 287 | Biederwood | x S. Dak x Crescent | | Jan-09 | Jan-09 | | | | 1 |
| ✓ 309 | S. Dak | x Dunlap | | Jan 10-09 | " 10-09 | | | | 1 |
| ✓ 354 | Berlin | x S. Dak | | Dec 27-08 | Dec 27-08 | | | | 1 |
| ✓ 368 | San Dunlap | x S. Dak | | Jan 8-09 | Jan 9-09 | | | | 1 |
| ✓ 446 | Dunlap | x Abington | | Jan | Jan | | | | 1 |
| ✓ 482 | Dunlap | x Abington | | " | " | | | | 1 |
| ✓ 425 | " | " | | " | " | | | | 1 |
| ✓ 338 | S. Dak | x Thompson x wild | | Jan | Jan | | | | 1 |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project _____

| Series or Breeding Record No. | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | Pistillate ♀ | Staminate ♂ | | | | Plot | Row | |
| ✓ 420 | Dunlap | x Albington | Jan 08 | Jan 09 | | | | 1 |
| ✓ 427 | " | " | " | " | | | | 1 |
| ✓ 430 | " | " | " | " | | | | 1 |
| ✓ 404 | " | " | " | " | | | | 1 |
| ✓ 463 | " | " | " | " | | | | 1 |
| ✓ 455 | " | " | " | " | | | | 1 |
| ✓ 441 | " | " | " | " | | | | 1 |
| ✓ 439 | " | " | " | " | | | | 1 |
| ✓ 432 | " | " | " | " | | | | 1 |
| ✓ 459 | " | " | " | " | | | | 1 |
| ✓ 460 | " | " | " | " | | | | 1 |
| ✓ 398 | " | " | " | " | | | | 1 |
| ✓ 472 | " | " | " | " | | | | 1 |
| ✓ 457 | " | " | " | " | | | | 1 |
| ✓ 486 | " | " | " | " | | | | 1 |
| ✓ 475 | " | " | " | " | | | | 1 |
| ✓ 414 | " | " | " | " | | | | 1 |
| ✓ 512 | " | " | " | " | | | | 1 |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|-----------------|---------|-------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | | Plot | Row | |
| ✓520 | Dunlap | x | Abington | | Jan 09 | Jan 09 | | | | / |
| ✓489 | " | | " | | " | " | | | | / |
| ✓506 | " | | " | | " | " | | | | / |
| ✓509 | " | | " | | " | " | | | | / |
| ✓510 | " | | " | | " | " | | | | / |
| ✓505 | " | | " | | " | " | | | | / |
| ✓502 | " | | " | | " | " | | | | / |
| ✓483 | " | | " | | " | " | | | | / |
| ✓504 | " | | " | | " | " | | | | / |
| ✓514 | " | | " | | " | " | | | | / |
| ✓552 | Abington | x | S Dak | | " | " | | | | / |
| ✓541 | " | | " | | " | " | | | | / |
| ✓559 | Dunlap seedling | | | | " | " | | | | / |
| ✓572 | Prolific | x | Enhancee | | " | " | | | | / |
| ✓576 | " | | " | | " | " | | | | / |
| ✓574 | " | | " | | " | " | | | | / |
| ✓284 | Bedewood | x | S Dak or Crescent | | " | " | | | | / |
| ✓585 | S Dak | x | Bedewood x S Dak | | " | " | | | | / |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project

| Series or Breeding Record No. | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|----------------------|-------------------|------------------|-----------------|-----------|---------|-----|------------------|
| | Pistillate ♀ | Staminate ♂ | | | | Plot | Row | |
| ✓ 593 | Dunlap | x Golden Gates | Jan-09 | Jan-09 | | | | 1 |
| 603 | Prolific | x Cuto x S D | " | " | | | | 1 |
| 614 | Margarite | x Jessie x Dunlap | " | " | | | | 1 |
| 620 | Shepherd | x Wild x Crescent | " | " | | | | 1 |
| 642 | " | " | " | " | | | | 1 |
| 644 | " | " | " | " | | | | 1 |
| 647 | Bederwood | x Abington | " | " | | | | 1 |
| 654 | Abington | x Enchance | " | " | | | | 1 |
| ✓ 687 | Everbearing (Autumn) | Sally | " | " | | | | 1 |
| ✓ 698 | S Daks | x Enchance | " | " | | | | 1 |
| ✓ 706 | Dunlap | x Bederwood | " | " | | | | 1 |
| ✓ 713 | Dunlap | x Anality | " | " | | | | 1 |
| ✓ 716 | Prolific | x Enchance | " | " | | | | 1 |
| ✓ 752 | Abington | x S Daks | " | " | | | | 1 |
| ✓ 753 | " | " | " | " | | | | 1 |
| 754 | <i>Don</i> | | | | | | | |

original record

The University of Minnesota
Experiment Station

Pol + Fruiting records
1909-1911
FRUIT BREEDING RECORD

Fruit Strawberries 1911 Project

| Series or Breeding Record No. | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | Pistillate ♀ | Staminate ♂ | | | | Plot | Row | |
| ✓ 754 | Dunlap | x crescent | Feb 1911 | Feb 1911 | | | | 1 |
| ✓ 755 | " | " | " | " | | | | 1 |
| ✓ 756 | " | " | " | " | | | | 1 |
| ✓ 757 | " | " | " | " | | | | 1 |
| ✓ 758 | " | " | " | " | | | | 1 |
| ✓ 759 | " | " | " | " | | | | 1 |
| ✓ 760 | " | " | " | " | | | | 1 |
| ✓ 761 | " | " | " | " | | | | 1 |
| ✓ 762 | " | " | " | " | | | | 1 |
| ✓ 763 | " | " | " | " | | | | 1 |
| ✓ 764 | " | " | " | " | | | | 1 |
| ✓ 765 | " | " | " | " | | | | 1 |
| ✓ 766 | " | " | " | " | | | | 1 |
| ✓ 767 | " | " | " | " | | | | 1 |
| ✓ 768 | " | " | " | " | | | | 1 |
| ✓ 769 | " | " | " | " | | | | 1 |
| ✓ 770 | " | " | " | " | | | | 1 |
| ✓ 771 | " | " | " | " | | | | 1 |

Pol + Fruiting records
1909-1911

1909
1911

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project _____

| Series or Breeding Record No. | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | Pistillate ♀ | Staminate ♂ | | | | Plot | Row | |
| ✓ 772 | Dunlap | × Crescent | Feb-1911 | Feb-1911 | | | | 1 |
| ✓ 773 | " | " | " | " | | | | 1 |
| ✓ 774 | " | " | " | " | | | | 1 |
| ✓ 775 | " | " | " | " | | | | 1 |
| ✓ 776 | " | " | " | " | | | | 1 |
| ✓ 777 | " | " | " | " | | | | 1 |
| ✓ 778 | " | " | " | " | | | | 1 |
| ✓ 779 | " | " | " | " | | | | 1 |
| ✓ 780 | French | × Splendid | " | " | | | | 1 |
| ✓ 781 | 5F | × Abington | " | " | | | | 1 |
| ✓ 782 | " | " | " | " | | | | 1 |
| ✓ 783 | " | " | " | " | | | | 1 |
| ✓ 784 | " | " | " | " | | | | 1 |
| ✓ 785 | " | " | " | " | | | | 1 |
| ✓ 786 | " | " | " | " | | | | 1 |
| ✓ 787 | " | " | " | " | | | | 1 |
| ✓ 788 | " | " | " | " | | | | 1 |
| ✓ 789 | " | " | " | " | | | | 1 |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | Staminate ♂ | | | | Plot | Row | |
| ✓790 | 1.D. x | 5.F. | | Feb 1911 | Feb 1911 | | | | / |
| ✓791 | 5.F. x | Clyde | | " | " | | | | / |
| ✓792 | " | " | | " | " | | | | / |
| ✓793 | " | " | | " | " | | | | / |
| ✓794 | " | " | | " | " | | | | / |
| ✓795 | " | " | | " | " | | | | / |
| ✓796 | " | " | | " | " | | | | / |
| ✓797 | " | " | | " | " | | | | / |
| ✓798 | " | " | | " | " | | | | / |
| ✓799 | " | " | | " | " | | | | / |
| ✓800 | " | " | | " | " | | | | / |
| ✓801 | 2 F. x | Brandywine | | " | " | | | | / |
| ✓802 | Dunlap x | Abington | | " | " | | | | / |
| ✓803 | Abington x | 1.D. | | " | " | | | | / |
| ✓804 | Clyde x | 1.D. | | " | " | | | | / |
| ✓805 | " | " | | " | " | | | | / |
| ✓806 | Abington x | Dunlap | | " | " | | | | / |
| ✓807 | Dunlap x | Clyde | | " | " | | | | / |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project _____

| Series or Breeding Record No. | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|----------------|------------------|-----------------|-----------|---------|-----|------------------|
| | Pistillate ♀ | Staminate ♂ | | | | Plot | Row | |
| ✓808 | Dunlap | × Brandywine | Feb. 1911 | Feb. 1911 | | | | / |
| ✓809 | " | " | " | " | | | | / |
| ✓810 | Dunlap | × Clyde | " | " | | | | / |
| ✓811 | " | " | " | " | | | | / |
| ✓812 | " | " | " | " | | | | / |
| ✓813 | " | " | " | " | | | | / |
| ✓814 | " | " | " | " | | | | / |
| ✓815 | " | " | " | " | | | | / |
| ✓816 | " | " | " | " | | | | / |
| ✓817 | " | " | " | " | | | | / |
| ✓818 | " | " | " | " | | | | / |
| ✓819 | Dunlap | × Golden Gates | " | " | | | | / |
| ✓820 | " | " | " | " | | | | / |
| ✓821 | 22F | × Dunlap | " | " | | | | / |
| ✓822 | " | " | " | " | | | | / |
| ✓823 | " | " | " | " | | | | / |
| ✓824 | " | " | " | " | | | | / |
| ✓825 | " | " | " | " | | | | / |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|---------|---------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | | Plot | Row | |
| ✓826 | Lovett | x | I.D. | | Feb 1911 | Feb 1911 | | | | 1 |
| ✓827 | Brandywine | x | Dunlap x wild | | " | " | | | | 1 |
| ✓828 | Clyde | x | Crescent | | " | " | | | | 1 |
| ✓829 | " | | " | | " | " | | | | 1 |
| ✓830 | " | | " | | " | " | | | | 1 |
| ✓831 | 5.F. | x | Brandywine | | " | " | | | | 1 |
| ✓832 | " | | " | | " | " | | | | 1 |
| ✓833 | " | | " | | " | " | | | | 1 |
| ✓834 | " | | " | | " | " | | | | 1 |
| ✓835 | " | | " | | " | " | | | | 1 |
| ✓836 | 22F | x | 8a | | " | " | | | | 1 |
| ✓837 | 7E. | x | Golden Gates | | " | " | | | | 1 |
| ✓838 | Golden Gates | x | 8a. | | " | " | | | | 1 |
| ✓839 | Dunlap | x | Crescent | | " | " | | | | 1 |
| ✓840 | 7E | x | Clyde | | " | " | | | | 1 |
| ✓841 | " | | " | | " | " | | | | 1 |
| ✓842 | " | | " | | " | " | | | | 1 |
| ✓844 | Selz No 10 | x | Clyde | | " | " | | | | 1 |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|---------|--------|---|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | | | Plot | Row | |
| ✓ 843 | Abington | x | 5 F | | Feb/1911 | Feb/1911 | | | | / | |
| ✓ 845 | Golden Gates | x | 5 F | | " | " | | | | / | |
| ✓ 846 | " | " | " | " | " | " | | | | / | |
| ✓ 847 | Sdlg No. 98 | x | Clyde | | " | " | | | | / | |
| ✓ 848 | 5 F | x | Dunlap | | " | " | | | | / | |
| ✓ 849 | " | " | " | " | " | " | | | | / | |
| ✓ 850 | Brandywine | x | Dunlap | | " | " | | | | / | |
| ✓ 851 | Sdlg No. 98 | x | Clyde | | " | " | | | | / | |
| ✓ 852 | " | " | " | " | " | " | | | | / | |
| ✓ 853 | " | " | " | " | " | " | | | | / | |
| ✓ 854 | " | " | " | " | " | " | | | | / | |
| ✓ 855 | " | " | " | " | " | " | | | | / | |
| ✓ 856 | " | " | " | " | " | " | | | | / | |
| ✓ 857 | " | " | " | " | " | " | | | | / | |
| ✓ 858 | " | " | " | " | " | " | | | | / | |
| ✓ 859 | " | " | " | " | " | " | | | | / | |
| ✓ 860 | " | " | " | " | " | " | | | | / | |
| ✓ 861 | " | " | " | " | " | " | | | | / | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|--------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| ✓862 | Brandywine | 7E | | Feb/1911 | Feb/1911 | | | | 1 |
| ✓863 | Sally No 98 | x Brandywine | | " | " | | | | 1 |
| ✓864 | Autumn | x Brandywine | | " | " | | | | 1 |
| ✓865 | Sally No 98 | x 7E | | " | " | | | | 1 |
| ✓866 | 8A. | x Brandywine | | " | " | | | | 1 |
| ✓867 | 5F | x Brandywine | | " | " | | | | 1 |
| ✓868 | " | " | | " | " | | | | 1 |
| ✓869 | " | " | | " | " | | | | 1 |
| ✓870 | " | " | | " | " | | | | 1 |
| ✓871 | " | " | | " | " | | | | 1 |
| ✓872 | " | " | | " | " | | | | 1 |
| ✓873 | 22F | x 8A. | | " | " | | | | 1 |
| ✓874 | Golden Gates | x 8A | | " | " | | | | 1 |
| ✓875 | 8A | x Abington | | " | " | | | | 1 |
| ✓876 | " | " | | " | " | | | | 1 |
| ✓877 | French | x Dunlap | | " | " | | | | 1 |
| ✓878 | Abington | x 5F | | " | " | | | | 1 |
| ✓879 | " | " | | " | " | | | | 1 |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Strawberries

Project

| Series or Breeding Record No. | PARENTS | | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|---|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | Pistillate ♀ | | Staminate ♂ | | | | Plot | Row | |
| ✓880 | Abington | x | 5 F. | Feb 1911 | Feb 1911 | | | | 1 |
| ✓881 | Lovett | x | 8 A. | " | " | | | | 1 |
| ✓882 | 7 E. | x | Dunlap | " | " | | | | 1 |
| ✓883 | 22 F. | x | Dunlap | " | " | | | | 1 |
| ✓884 | Autumn | x | Dunlap | " | " | | | | 1 |
| ✓885 | Golden Gates | x | 5 F. | " | " | | | | 1 |
| ✓886 | " | | " | " | " | | | | 1 |
| ✓887 | 7 E. | x | Patagonia | " | " | | | | 1 |
| ✓888 | " | | " | " | " | | | | 1 |
| ✓889 | 7 E. | x | Brandywine | " | " | | | | 1 |
| ✓890 | Autumn | x | 1 D | " | " | | | | 1 |
| ✓891 | 13 A. | x | Dunlap | " | " | | | | 1 |
| ✓892 | 5 F. | x | Sdlg No 10 | " | " | | | | 1 |
| ✓893 | 5 F. | x | Dunlap | " | " | | | | 1 |
| ✓894 | Sdlg No 98 | x | Clyde | " | " | | | | 1 |
| ✓895 | " | | " | " | " | | | | 1 |
| ✓896 | " | | " | " | " | | | | 1 |
| ✓897 | " | | " | " | " | | | | 1 |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit Strawberries

Project _____

| Series or Breeding Record No. | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|-------------------|------------------------|------------------|-----------------|-----------|---------|-----|------------------|
| | Pistillate ♀ | Staminate ♂ | | | | Plot | Row | |
| ✓898 | Solly No 98 | Clyde | Feb. 1901 | Feb. 1911 | | | / | |
| ✓899 | " | " | " | " | | | / | |
| ✓900 | " | " | " | " | | | / | |
| ✓901 | " | " | " | " | | | / | |
| ✓902 | " | " | " | " | | | / | |
| ✓903 | Solly No 98 | Brandy wine | " | " | | | / | |
| ✓904 | SD | Brandy wine | " | " | | | / | |
| ✓905 | " | " | " | " | | | / | |
| ✓906 | " | " | " | " | | | / | |
| ✓907 | " | " | " | " | | | / | |
| 908 | Autumn | Brandy wine | | | | | | |
| ✓908 | Brandy wine | Autumn | " | " | | | / | |
| ✓909 | " | " | " | " | | | / | |
| ✓910 | " | " | " | " | | | / | |
| ✓911 | " | " | " | " | | | / | |
| ✓912 | " | " | " | " | | | / | |
| ✓913 | Dunlap | 12 | " | " | | | / | |
| ✓914 | " | " | " | " | | | / | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|----------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| ✓915 | | Dunlap x 1D | | Feb. 1911 | Feb. 1911 | | | | / |
| ✓916 | | Prolific x 1D | | " | " | | | | / |
| ✓917 | " | " | | " | " | | | | / |
| ✓918 | " | " | | " | " | | | | / |
| ✓920 | " | " | | " | " | | | | / |
| ✓921 | " | " | | " | " | | | | / |
| ✓922 | " | " | | " | " | | | | / |
| ✓923 | " | " | | " | " | | | | / |
| ✓924 | " | " | | " | " | | | | / |
| ✓925 | " | " | | " | " | | | | / |
| ✓926 | " | " | | " | " | | | | / |
| ✓927 | " | " | | " | " | | | | / |
| ✓928 | " | " | | " | " | | | | / |
| ✓929 | " | " | | " | " | | | | / |
| ✓930 | " | " | | " | " | | | | / |
| ✓931 | | 5 F x Abington | | " | " | | | | / |
| ✓932 | " | " | | " | " | | | | / |
| ✓933 | " | " | | " | " | | | | / |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|-------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| ✓934 | 5F | x Abington | | Feb. 1911 | Feb. 1911 | | | | 1 |
| ✓935 | " | " | | " | " | | | | 1 |
| ✓936 | " | " | | " | " | | | | 1 |
| ✓937 | " | " | | " | " | | | | 1 |
| ✓938 | " | " | | " | " | | | | 1 |
| ✓939 | " | " | | " | " | | | | 1 |
| ✓940 | 5F | x Clyde | | " | " | | | | 1 |
| ✓941 | " | " | | " | " | | | | 1 |
| ✓942 | " | " | | " | " | | | | 1 |
| ✓943 | | 8A x Autumn | | " | " | | | | 1 |
| ✓944 | | Golden Gates x 1D | | " | " | | | | 1 |
| ✓945 | 22F | x Brandywine | | " | " | | | | 1 |
| ✓946 | " | " | | " | " | | | | 1 |
| ✓947 | " | " | | " | " | | | | 1 |
| ✓948 | " | " | | " | " | | | | 1 |
| ✓949 | " | " | | " | " | | | | 1 |
| ✓950 | | Dunlap x Abington | | " | " | | | | 1 |
| ✓951 | " | " | | " | " | | | | 1 |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

16

Fruit *Strawberries*

Project

| Series or Breeding Record No. | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | Pistillate ♀ | Staminate ♂ | | | | Plot | Row | |
| ✓ 952 | Dunlap | x Abington | Feb 1911 | Feb 1911 | | | | 1 |
| ✓ 953 | " | " | " | " | | | | 1 |
| ✓ 954 | Abington | x 1D | " | " | | | | 1 |
| ✓ 955 | " | " | " | " | | | | 1 |
| ✓ 956 | 7E | x Dunlap | " | " | | | | 1 |
| ✓ 957 | Abington | x Dunlap | " | " | | | | 1 |
| ✓ 958 | Clyde | x 1D | " | " | | | | 1 |
| ✓ 959 | " | " | " | " | | | | 1 |
| ✓ 960 | " | " | " | " | | | | 1 |
| ✓ 961 | " | " | " | " | | | | 1 |
| ✓ 962 | " | " | " | " | | | | 1 |
| ✓ 963 | " | " | " | " | | | | 1 |
| ✓ 964 | " | " | " | " | | | | 1 |
| ✓ 965 | " | " | " | " | | | | 1 |
| ✓ 966 | " | " | " | " | | | | 1 |
| ✓ 967 | Dunlap | x Clyde | " | " | | | | 1 |
| ✓ 968 | " | " | " | " | | | | 1 |
| ✓ 969 | " | " | " | " | | | | 1 |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit Strawberries

Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|------------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| ✓970 | | Dunlap x Clyde | | Feb. 1911 | Feb. 1911 | | | | / |
| ✓971 | | " " | | " | " | | | | / |
| ✓972 | | Clyde x Brandywine | | " | " | | | | / |
| ✓973 | | " " | | " | " | | | | / |
| ✓974 | | " " | | " | " | | | | / |
| ✓975 | | " " | | " | " | | | | / |
| ✓976 | | " " | | " | " | | | | / |
| ✓977 | | " " | | " | " | | | | / |
| ✓978 | | " " | | " | " | | | | / |
| ✓979 | | Dunlap x Clyde | | " | " | | | | / |
| ✓980 | | " " | | " | " | | | | / |
| ✓981 | | Brandywine x 5F | | " | " | | | | / |
| ✓982 | | Autumn x 5F | | " | " | | | | / |
| ✓983 | | Sally No 98 x Abington | | " | " | | | | / |
| ✓984 | | 22F x Abington | | " | " | | | | / |
| ✓985 | | 5F x Abington | | " | " | | | | / |
| ✓986 | | " " | | " | " | | | | / |
| ✓987 | | Dunlap x Golden Gates | | " | " | | | | / |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project

| Series or Breeding Record No. | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|-----------------|------------------|-----------------|-----------|---------|-----|------------------|
| | Pistillate ♀ | Staminate ♂ | | | | Plot | Row | |
| ✓ 988 | Dunlap | x Golden Gates | Feb. 1911 | Feb. 1911 | | | | 1 |
| ✓ 989 | " | " " | " | " | | | | 1 |
| ✓ 990 | " | " " | " | " | | | | 1 |
| ✓ 991 | 19D | x Abington | " | " | | | | 1 |
| ✓ 992 | " | " | " | " | | | | 1 |
| ✓ 993 | " | " | " | " | | | | 1 |
| ✓ 994 | Abington | x Brandywine | " | " | | | | 1 |
| ✓ 995 | " | " | " | " | | | | 1 |
| ✓ 995½ | " | " | " | " | | | | 1 |
| ✓ 996 | Brandywine | x Dunlap x Wild | " | " | | | | 1 |
| ✓ 997 | Clyde | x Crescent | " | " | | | | 1 |
| ✓ 998 | " | " | " | " | | | | 1 |
| ✓ 999 | " | " | " | " | | | | 1 |
| ✓ 1000 | 5F | x Dunlap | " | " | | | | 1 |
| ✓ 1001 | " | " | " | " | | | | 1 |
| ✓ 1002 | " | " | " | " | | | | 1 |
| ✓ 1003 | 1D | x 5F | " | " | | | | 1 |
| ✓ 1004 | 5F | x Brandywine | " | " | | | | 1 |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project

| Series or Breeding Record No. | PARENTS | | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|---|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | Pistillate ♀ | | Staminate ♂ | | | | Plot | Row | |
| ✓1005 | 5F | x | Brandywine | Feb. 1911 | Feb. 1911 | | | | 1 |
| ✓1006 | Autumn | x | Crescent | " | " | | | | 1 |
| ✓1007 | Alington | x | 5F | " | " | | | | 1 |
| ✓1008 | Dunlap | x | Alington | " | " | | | | 1 |
| ✓1009 | 7E | x | Brandywine | " | " | | | | 1 |
| ✓1010 | Sdlg No 98 | x | Clyde | " | " | | | | 1 |
| ✓1011 | " | " | " | " | " | | | | 1 |
| ✓1012 | " | " | " | " | " | | | | 1 |
| ✓1013 | " | " | " | " | " | | | | 1 |
| ✓1014 | " | " | " | " | " | | | | 1 |
| ✓1015 | " | " | " | " | " | | | | 1 |
| ✓1016 | Autumn | x | Brandywine | " | " | | | | 1 |
| ✓1017 | " | " | " | " | " | | | | 1 |
| ✓1018 | " | " | " | " | " | | | | 1 |
| ✓1019 | " | " | " | " | " | | | | 1 |
| ✓1020 | Prolific | x | 1D | " | " | | | | 1 |
| ✓1021 | " | " | " | " | " | | | | 1 |
| ✓1022 | " | " | " | " | " | | | | 1 |

The University of Minnesota
Experiment Station

20

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|--------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| ✓1023 | Dunlap | × Crescent | | Feb 1911 | Feb 1911 | | | | 1 |
| ✓1024 | Prolific | × ID | | " | " | | | | 1 |
| ✓1025 | 5F | × Abington | | " | " | | | | 1 |
| ✓1026 | " | " | | " | " | | | | 1 |
| ✓1027 | " | " | | " | " | | | | 1 |
| ✓1028 | 5F | × Clyde | | Feb 1911 | " | | | | 1 |
| ✓1029 | " | " | | " | " | | | | 1 |
| ✓1030 | 5F | × Abington | | " | " | | | | 1 |
| ✓1031 | " | " | | " | " | | | | 1 |
| ✓1032 | " | " | | " | " | | | | 1 |
| ✓1033 | Golden Gates | × ID | | " | " | | | | 1 |
| ✓1034 | Dunlap | × Abington | | " | " | | | | 1 |
| ✓1035 | Dunlap | × Patagonia | | " | " | | | | 1 |
| ✓1036 | Abington | × Dunlap | | " | " | | | | 1 |
| ✓1037 | Clyde | × Brandywine | | " | " | | | | 1 |
| ✓1038 | Dunlap | × Brandywine | | " | " | | | | 1 |
| ✓1039 | Clyde | × Brandywine | | " | " | | | | 1 |
| ✓1040 | Dunlap | × Clyde | | " | " | | | | 1 |

The University of Minnesota
Experiment Station

21

FRUIT BREEDING RECORD

Fruit *Stone berries*

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|---------|--------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | Staminate ♂ | | | | Plot | Row | |
| ✓1041 | Dunlap | x | Clyde | Feb 1911 | Feb 1911 | | | | 1 |
| ✓1042 | Dunlap | x | Branch wine | " | " | | | | 1 |
| ✓1043 | Dunlap | x | Golden Gates | " | " | | | | 1 |
| ✓1044 | " | | " | " | " | | | | 1 |
| ✓1045 | " | | " | " | " | | | | 1 |
| ✓1046 | " | | " | " | " | | | | 1 |
| ✓1047 | 22F | x | Abington | " | " | | | | 1 |
| ✓1048 | 22F | x | Dunlap | " | " | | | | 1 |
| ✓1049 | " | | " | " | " | | | | 1 |
| ✓1050 | " | | " | " | " | | | | 1 |
| ✓1051 | " | | " | " | " | | | | 1 |
| ✓1052 | " | | " | " | " | | | | 1 |
| ✓1053 | 19D. | x | Abington | " | " | | | | 1 |
| ✓1054 | Dunlap | x | Golden Gates | " | " | | | | 1 |
| ✓1055 | 19D | x | Abington | " | " | | | | 1 |
| ✓1056 | 5F | x | Dunlap | " | " | | | | 1 |
| ✓1057 | Clyde | x | Crescent | " | " | | | | 1 |
| ✓1058 | 5F | x | Dunlap | " | " | | | | 1 |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

29

Fruit *Strawberries*

Project _____

| Series or Breeding Record No. | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|----------------|------------------|-----------------|-----------|---------|-----|------------------|
| | Pistillate ♀ | Staminate ♂ | | | | Plot | Row | |
| ✓1059 | Dunlap | x Golden Gates | Feb 1911 | Feb 1911 | | | | 1 |
| ✓1060 | " | " " | " | " | | | | 1 |
| ✓1061 | 5F | x Dunlap | " | " | | | | 1 |
| ✓1062 | Golden Gates | x 80 | " | " | | | | 1 |
| ✓1063 | 5F | x Brandy wine | " | " | | | | 1 |
| ✓1064 | 5F | x Dunlap | " | " | | | | 1 |
| ✓1065 | Autumn | x Dunlap | " | " | | | | 1 |
| ✓1066 | 7E | x Patagonia | " | " | | | | 1 |
| ✓1067 | " | " | " | " | | | | 1 |
| ✓1068 | Autumn | x 1D | " | " | | | | 1 |
| ✓1069 | 7E | x Patagonia | " | " | | | | 1 |
| ✓1070 | Sdlg 1098 | x Clyde | " | " | | | | 1 |
| ✓1071 | " | " | " | " | | | | 1 |
| ✓1072 | Autumn | x Brandy wine | " | " | | | | 1 |
| ✓1073 | " | " | " | " | | | | 1 |
| ✓1074 | " | " | " | " | | | | 1 |
| ✓1075 | " | " | " | " | | | | 1 |
| ✓1076 | " | " | " | " | | | | 1 |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|--------------|--|--------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| ✓1077 | Autumn | x Brandywine | | Feb 1911 | Feb 1911 | | | | 1 |
| ✓1078 | " | " | | " | " | | | | 1 |
| ✓1079 | " | " | | " | " | | | | 1 |
| ✓28 | Shepherd | x Dunlap | | fructified 1909 | " | | 15- | | Stock of variety |
| ✓67 | Bedderwood | x S Dak | | " | " | | 15- | | Stock of variety |
| ✓99 | Glen Mary | x S Dak | | " | " | | 15- | | " |
| ✓107 | Swathew | Berlin Selg | | " | " | | 15- | | " |
| ✓150 | S. Dak | x Dunlap | | " | " | | 15- | | " |
| ✓157 | " | " | | " | " | | 15- | | " |
| ✓159 | " | " | | " | " | | 15- | | " |
| ✓195 | " | " | | " | " | | 15- | | " |
| ✓211 | " | " | | " | " | | 15- | | " |
| ✓220 | " | " | | " | " | | 15- | | " |
| ✓221 | " | " | | " | " | | 15- | | " |
| ✓222 | " | " | | " | " | | 15- | | " |
| ✓223 | " | " | | " | " | | 15- | | " |
| ✓8 | Shepherd | x Dunlap | | " | " | | 15- | | " |
| 21 | " | " | | " | " | | 15- | | " |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Strawberries*

Project _____

| Series or Breeding Record No. | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | Pistillate ♀ | Staminate ♂ | | | | Plot | Row | |
| ✓ 23 | Shepherd | x Dunlap | fruitd 1909 | | | 15- | | Stock of variety |
| ✓ 31 | " | " | " | | | 15- | | " |
| ✓ 47 | Margarite | x Jessie | " | | | 15- | | " |
| ✓ 48 | " | " | " | | | 15- | | " |
| ✓ 63 | Glen May | x Alaska | " | | | " | | " |
| ✓ 87 | Glen May | x S Dak | " | | | 15- | | " |
| ✓ 90 | " | " | " | | | 15- | | " |
| ✓ 96 | " | " | " | | | 15- | | " |
| ✓ 98 | " | " | " | | | 15- | | " |
| ✓ 118 | no 9 | x S Dak | " | | | 15- | | " |
| ✓ 126 | " | " | " | | | 15- | | " |
| ✓ 144 | S Dak | x "Dunlap | " | | | 15- | | " |
| ✓ 145 | " | " | " | | | 15- | | " |
| ✓ 163 | " | " | " | | | 15- | | " |
| ✓ 185 | " | " | " | | | 15- | | " |
| ✓ 217 | " | " | " | | | 15- | | " |
| ✓ 5 F | Dunlap | x Pokanoka | " | | | 15- | | " |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit _____

Project _____

Series or Breed-
ing Record
No.

Pistillate ♀

PARENTS

Staminate ♂

Date
Emasculated

Date
Pollinated

No.
Seeds

NURSERY

Plot

Row

Number
Seedlings

✓

GRAPE Cross _____ ♀ × _____ ♂ Plot _____ Row _____ No. _____

Species _____ Cross made _____ Set in nursery _____

Br. record No. _____ Generation _____ Discard Save Propagate Introduce Minn. No. _____

_____ 19 _____ 19 _____ 19 _____ 19

VINE. Hardiness %

Tendrils: continuous intermittent

irregular

Foliage: large medium small

entire 3, 5, 7 lobed

Lobes deep medium shallow

Basal sinus, broad medium narrow

Undersurface, hairy pubescent

tomentose cobwebby glaucous

Flowers: open

♂ ♀ ♂ intermediate

Stamens, upright reflexed

Remarks:

FRUIT. Ripe

No. clusters

Clusters, large medium small

compact medium loose

Berry: large medium small

amber green red blue black

foxy vinous tart acid subacid

Texture, tender medium tough

Quality: very good good fair poor

Skin: thin medium thick

Seeds: No. notched rounded

Chalaza, central distinct obscure

The University of Minnesota 1916
Experiment Station

FRUIT BREEDING RECORD

Fruit B x W 12

Project Sterility

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|---------------------------------------|--------------|---------|-------------|-------------|------------------|-----------------|-----------|--------------|-----|------------------------------|
| | | | | | | | | Plot | Row | |
| Observations trans. male Mch 10 | B x W 12 | X | B x W 12 | | 2/24/16 | 2/24/16 | | Plum swollen | | but fell ³⁶⁰ P.D. |
| | " | X | " 21 | | " | " | " | " | " | " |
| | " | X | Sand cherry | | " | " | " | " | " | " |
| | " | | | | | | | | | |

None of the above crosses set and all were dropped 3/22/16.
without further swelling than noted above.

Orig record

1916

The University of Minnesota 1916

Experiment Station

FRUIT BREEDING RECORD

Fruit BxW10 Small 3yr tree Project SterilitySeries or Breed-
ing Record
No.

Pistillate ♀

PARENTS

Staminate ♂

Date
EmasculatedDate
PollinatedNo.
Seeds

NURSERY

Plot

Row

Number
Seedlings

BxW10

x

BxW10

2/21/16

none set 3/10/16 Pistil swelled sl.

The University of Minnesota 1916
Experiment Station

FRUIT BREEDING RECORD

Fruit *B x W 21*

Project *Sterility*

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|------------------------------------|-----------------|----------|-----------------|-------------|------------------|-----------------|------------------------|------------|----------|------------------------------|
| | | | | | | | | Plot | Row | |
| <i>Observations made Oct 10/16</i> | <i>B x W 21</i> | <i>X</i> | <i>B x W 21</i> | | | <i>2/23/16</i> | <i>Pistils swelled</i> | <i>P 4</i> | <i>D</i> | <i>Tubes fell off</i> |
| | <i>"</i> | <i>X</i> | <i>" 12</i> | | | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i> | <i>few grains, few tubes</i> |
| | <i>"</i> | <i>X</i> | <i>SC</i> | | | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i> |

The above crosses (name set) fell about 10 days sooner than those on B x W #12.

The University of Minnesota 1916
Experiment Station

FRUIT BREEDING RECORD

Fruit *B x W 10 (small tree - 3 yrs.)* Project *Sterility.*

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---|---|--|-------------|------------------|-----------------|---|---------|-----|---------------------------------|
| | | | | | | | | Plot | Row | |
| <i>Observed Mar 10/16</i> | <i>B x W 10 x</i> <i>B x W 10 x</i> <i>(B x W) 10 x</i> | <i>B x W 10</i> <i>B x W 12</i> <i>(B x W) 21</i> | | | | <i>4/23/16</i> | <i>Pistil swelled & fell</i> " " <i>17 plums as large as</i> | | | <i>one seed by on 3/10.</i> |

The University of Minnesota
Experiment Station

1916

FRUIT BREEDING RECORD

Fruit Sweet Compass Cherry Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|----------------|----------|--------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | | Plot | Row | |
| | <i>Selfed</i> | | | | | <i>3/15/16</i> | | | | |
| | <i>Com. Ch</i> | <i>x</i> | <i>B x W</i> | <i>12</i> | | <i>3/16/16</i> | | | | |
| | <i>" "</i> | <i>x</i> | <i>" "</i> | <i>21</i> | | <i>3/16/16</i> | | | | |

Grape
Sex Inheritance
1916

GRAPE

Sex Inheritance 1916

Keep at H. Farm.

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit Grape

Project Sex Inheritance

| Series or Breeding Record No. | PARENTS | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---|------------------|-----------------|---|--------------|-------------|------------------|
| | | | | | Pistillate ♀ | Staminate ♂ | |
| ♀ x ♀ det. | ^{3 clusters} 1/16 V. vulpina. ♀ Hort. Missouri V. Vulp. ^{not} emas. Intermediate. Pollen from one ♀ cluster. 8 th row | | 6/23/16 | 434 | | | |
| ♀ x ♀ det. | 2/16 V. Vulp. (same) Int. Min. River. ^{not} Pollen mostly from ♀ clusters. 5 clusters | | 6/7/16 | 51 floaters 480 good seed. | | | |
| ♀ x ♂ det. | 3/16 ♀ Vulp. same. 2 clusters ♂ fls. of V. vulpina mated Missouri Beta. | | 6/23/16 | 4 floaters 120 good. | | | |
| ♀ x ♀ det. | 4/16 " " ♀ same. ^{3 clusters} ♀ fls. of " " (not) | | 6/23/16 | (2.73) 72 good seed. (see over) on p. 2. | | | 1st row |
| ♀ x ♂ | 5/16 Beta. ♀ 5 clusters - V. vulpina #2 ♂ | | 6/19/16 | | | | |
| Beta x male 1916 | 6/16 Concord x Beta. 10 clusters or Winchell. | | 6/23 | | | | |
| | 7/16 Beta x Green Mountain 10 clusters. | | | | | | |
| | 8/16 Beta x Moore's Early A " | | | | | | See next page |
| | 9/16 Beta x Wyoming Red | | | | | | |
| | 10/16 Winchell x Beta Station Vineyard | | | | | | |
| | 11/16 Barry x Missouri's Beta (♀ flowers, Pollen from) | | | | | | |
| | 12/16 " x " " " (Pollen from ♂ fls. Missouri's Beta) | | | | | | |
| | 13/16 Brighton x " " (♀ pollen) 11/6/13 | | | | | | |
| | 14/16 " " " " (♂ pollen) | | | | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *GRAPE*

Project *SEX INHERITANCE.*

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|---|-------------|------------------|-----------------|--------------------------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| $\frac{1}{16}$ | | | | | | | | | |
| $\frac{2}{16}$ | | | | | | | | | |
| $\frac{3}{16}$ | | | | | | | | | |
| $\frac{4}{16}$ | | | | | | | | | |
| $\frac{5}{16}$ | | | | | | | | | |
| $\frac{6}{16}$ | | Concord x Beta | | | 6-26-16 | | | | |
| | | U. Farm Vineyard. Pollen from Beta in U. Farm Vineyard. | | | | | | | |
| $\frac{7}{16}$ | | Beta x Winchell or Green Mountain. | | | 6-26-16 | 149 | | | |
| | | Pollen from Green Mountain in Bartlett's Vineyard, Lake Minnetonka. | | | | | | | |
| $\frac{8}{16}$ | | Beta x Moor's Early. | | | 6-26-16. | | | | |
| | | Pollen from Moor's Early in Bartlett's Vineyard, Lake Minnetonka. | | | | | | | |
| $\frac{9}{16}$ | | Beta x Wyoming Red. | | | 6-27-16 | 162 fruits - 303 seed | | | |
| | | Pollen from Wyoming Red in Bartlett's Vineyard, Lake Minnetonka. | | | | | | | |

4/16 produced 273 seed. Of these 198 were good (sunk in water) and
75 (or 38.9%) were useless (floaters) and when over half were
cut open showed slight but varying degrees of embryo
development.

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *GRAPE*

Project *SEX INHERITANCE.*

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|---|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| $\frac{10}{16}$ | | Winchell x Beta. | | 6-27-16 | 6-29-16 | 171 | | | |
| | | Pollen from Beta in U. Farm Vineyard. | | | | | | | |
| $\frac{11}{16}$ | | Barry x Munson's Beta. | | Not emas. | 7-1-16 | | | | |
| | | Pollen from ♀ flowers of Munson's Beta in U. Farm Vineyard. | | | | | | | |
| $\frac{12}{16}$ | | Barry x Munson's Beta. | | Not emas. | 7-1-16. | | | | |
| | | Pollen from ♂ flowers of Munson's Beta. U. Farm Vineyard. | | | | | | | |
| $\frac{13}{16}$ | | Brighton x Munson's Beta. | | Not emas | 7-6-13 | | | | |
| | | Pollen from ♀ flowers of Munson's Beta in U. Farm Vineyard. | | | | | | | |
| $\frac{14}{16}$ | | Brighton x Munson's Beta. | | Not emas | 7-6-13 | | | | |
| | | Pollen from ♂ flowers of Munson's Beta in U. Farm Vineyard. | | | | | | | |
| $\frac{15}{16}$ | | Beta x Self | 31 fruits | to | 60 | 60 | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit Grape-

Project Sex Inheritance + New Varieties.

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|------------------|---------|--|---|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | | Plot | Row | |
| 1/17 | Beta | | | atad Wild ♀ at Union Boutland, road. | 6/21/17 | 6/26/17 | | | | |
| 2/17 | Beta seed. red ♀ | X | | Beta seed. # ♀ | 6/21/17 | 6/26/17- | | | | |

Apple
Pollination
1917

APPLE

Pollination 1917

Original Record

~~Duplicate~~

1917

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Apples, 1917

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------------|---------|-------------------------------|-------------|-----------------------------------|----------------------|-----------|---------|-----|------------------|
| | | | | | | | | Plot | Row | |
| | King David | x | Duchess | | 15 ⁻ | Apr. 1 st | | | | |
| | Grimes Golden | x | Duchess | | 15 ⁻ | " | | | | |
| | Stayman Winesap | x | Duchess | | cut 775 ⁻ 2 in tree | " | | | | |
| | King David | x | Duchess | | few blossoms 1 fruit | " | | | | |
| | Jonathan | x | " | | few fruit | | | | | |
| | Delicieux | x | " (3 blossoms) | | none set | | | | | |
| | Grimes | x | " | | 2 fruits | | | | | |
| | " | x | " | | good set | | | | | |
| | Yellow Transparent | x | Grimes (6 blossoms) | | 5 fruit | | | | | |
| | Fallwater | x | Duchess (Base heavy cut 2/16) | | 5 " | | | | | |
| | Hibernial | x | Stay. Winesap | | 4 bl. 1 fruit | | | | | |
| | " | x | Grimes | | 17 bl. 3 fruit | | | | | |
| | Modhead | x | Duchess | | 20 fl. 9 " | | | | | |
| | Jonathan | x | " | | 6 bl. 0 " | | | | | |
| | Gilbert Winesap | x | " | | 250 cl. 20% set | | | | | |
| | Duchess | x | Jonathan | | 10 cl. 9 fruit | | | | | |
| | " | x | Stayman Winesap | | 3 " 5 " | | | | | |
| | Jonathan | x | Duchess | | 5 " 0 " | | | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Apples G. H. 4914

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|--|-------------|---------------------|--------------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| | | Winesap (St. August) x Duchesne | | Sept. 24 | | | | | |
| | | Duchesne x Stayman Winesap | | 5 " 5 " | Apr. 17 | | | | |
| 1 tree | | " x King David | | 6 " 12 " | " " | | | | |
| | | " x Spinks | | 17 " 28 " | " " | | | | |
| 1 tree | | " x Stayman Winesap | | 16 " 29 " | " " | | | | |
| | | " x Stayman Winesap | | 10 " 18 " | " " | | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit _____

Project _____

Series or Breed-
ing Record
No.

Pistillate ♀

PARENTS

Staminate ♂

Date
Emasculated

Date
Pollinated

No.
Seeds

NURSERY

Plot

Row

Number
Seedlings

label off sheet
Flemish Beauty ? X *Chinese Sand Pear*
grafted on tree from
Patton
 X *Grimes Golden* 590 set -
 7 clusters 5 fruit

The University of Minnesota
Experiment Station

1917

set the date crossed

FRUIT BREEDING RECORD

Fruit

Plum. G. H. Apr 1917

Project

Apr 24 / 1917

Mich. 15

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|--|------------------------|---------|-------------|-------------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| One cross with sterile with all Am. trees but feet with Heaver | Burbank x (B x W 9) | | | no set 4/24/17 | setting good | | | | |
| | Yellow Egg x " | | | few setting | Apr 27 | | | | |
| | Campass x Yellow Egg. | | | good set | " " | | | | |
| | " x Hickson | | | " " | " " | | | | |
| | Burbank x (B x W 21) | | | " " | Apr. 15 | | | | |
| | Campass x Plumcot | | | " " | " " | | | | |
| | " x Burbank | | | " " | " " | | | | |
| | Burbank selfed. | | | 6 on whole tree setting | " " | | | | |
| | B x W 12 x B x W 21 | | | few blossoms no fruit | " " | | | | |
| | B x W # 6 selfed | | | no fruit | " " | | | | |
| | B x W 12 | | | " " | " " | | | | |
| | B x W 6 x Apex plumcot | | | 5 fr. set fruit | " " | | | | |
| | B x W 9 x Hickson | | | setting good | " " | | | | |
| | " 9 x B x W 6 | | | small 1/2 setting 5% | " " | | | | |
| | " 6 x Hickson | | | good set | " " | | | | |
| " 6 x B x W 21 | | | 0 fruit | " " | | | | | |
| Hickson x B x W 9 | | | good set | " " | | | | | |
| B x W # 1 x " 21 | | | 5% set | " " | | | | | |

The University of Minnesota 1917
Experiment Station

FRUIT BREEDING RECORD

Fruit

Plum G 7/4/1917

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|--------------------|----------------|------------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| | (B x W 21) | x (B x W 1) | | Apr 24 | | | | | |
| | " | x Burbank | | 5/9 set | Apr 17 | | | | |
| | " | x self | | 10 " | " | | | | |
| | " | x self | | none set | " | | | | |
| | B x W 6 | x self | | 1 plum on tree | " | | | | |
| | Burbank | x B x W 9 | } crossed | setting full | " | | | | |
| | " | x self | } the same day | none set | " | | | | |
| | " | x B x W 6 | | full set | " | | | | |
| | " | x Manitoba | | " | " | | | | |
| | B x W 6 | x Burbank | | 2/7/20 | " | | | | |
| | Burbank | x Manitoba | | few setting | " | | | | |
| | B x W 4 | x Burbank | | another full set | " | | | | |
| | Manitoba | x Burbank (3 poll) | | 4 setting on tree 1/20 | " | | | | |
| | | | | no fruit | " | | | | |

Apple
Pollination
1918

APPLE

Pollination record 1918

Original records

1918

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit Apple

Project

Series or Breeding Record No.

Pistillate ♀

PARENTS

Staminate ♂

Flowers Date of Emasculation

most Date Pollinated

No. Seeds

NURSERY

Plot

Row

Number Seedlings

Tree No. in Green House

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Flowers Date of Emasculation | most Date Pollinated | No. Seeds | NURSERY Plot | Row | Number Seedlings |
|-------------------------------|----------------|---------|-----------------|------------------------------|----------------------|-----------|--------------|-----|------------------------|
| 1 | Lady | x | Healthy | Apr. 4, 6 | 5 | 5 | 4 | 0 | 32 |
| 2 | Duchess | x | Stayman W. Suf. | 5 | 3 | 0 | | | |
| 3 | King David | x | Okabena | " 136 | 17 | 2 | | | |
| 4 | Healthy | x | Stayman W. Suf. | " 8 | 5 | 2 | 1 | 2 | 7 |
| 5 | King David | x | Duchess | 96 | 13 | 8 | 6 | 1 | 45 |
| 6 | W. W. Greening | x | Healthy | 6 | 0 | | | | |
| 7 | Healthy | x | Lady | 102 | 20 | 5 | 5 | 2 | 36 |
| 8 | Lady | x | Healthy | 145 | 71 | 55 | 52 | 5 | 438 |
| 9 | King David | x | Black Ben. | 217 | 20 | 6 | | | |
| 10 | Black Ben. | x | Jonathan | 81 | 24 | 11 | | | |
| 11 | Okabena | x | Stay, W. Suf. | 79 | 15 | 6 | 6 | 5 | 33 |
| 12 | King David | x | Okabena | 244 | 14 | 7 | | | |
| 13 | Duchess | x | Stay. W. Suf. | 131 | 21 | 1 | | | |
| 14 | Wolf River | x | Delicious | 4 | 3 | 3 | | | died June 16/18 (amer) |
| 15 | King David | x | Duchess | 62 | 10 | 2 | | | |

The above crosses were made Apr. 11-9/18 & setting notes made May 7/18. Those with brown stems not counted. There was a decided size difference at this date between those settings not. The largest & smallest settings + the average setting is shown by the two crosses included here.

Number of May 18 of 1918... after... 21/18

The University of Minnesota
Experiment Station

1918

FRUIT BREEDING RECORD

Fruit Apple

Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Flowers | most | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---|---------|------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | Date Emasculated | Date Pollinated | | Plot | Row | |
| 16 | N. H. Greening | x | Healthy | | 4 | 0 | | | | |
| 17 | Delicious | x | Success | | 113 | 4 | 0 | | | |
| 18 | " | x | Healthy | | 26 | 3 | 0 | | | |
| 19 | Hibernal | x | Delicious | | 8 | 1 | 1 | i | 0 | 5 |
| 20 | Charlemoff | x | Jonathan | | 5 | 1 | | | | |
| 21 | Mc Intosh | x | Healthy | | 14 | 4 | 0 | | | |
| 22 | Stayman W. S. | x | Success | | 51 | 19 | 5 | | | |
| 23 | Jonathan | x | Okabena | | 157 | 25 | 14 | | | |
| 24 | 7045 ^{Franz Pennings} _{Northrup} | x | Healthy | | 17 | 4 | 1 | 0 | | |
| 25 | Grimes | x | Success | | 53 556 | 119 | 54 | 58 | 8 | 48 25.457 |
| 26 | Stayman W. S. | x | Success | | 81 | 12 | 1 | | | |
| 27 | University | x | Jonathan | | 13 | 0 | | | | |
| 28 | Stayman W. S. | x | Okabena | | 18 | 6 | 2 | | | |
| 29 | Success | x | King David | | 137 | 44 | 7 | 7 | 16 | 53 |
| 30 | Jonathan | x | Okabena | | 16 | 5 | 3 | 3 | | |

The University of Minnesota
Experiment Station

1918

FRUIT BREEDING RECORD

Fruit Apple

Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Flowers | Date | No. Seeds | NURSERY | | | Number Seedlings |
|-------------------------------|---------------------|-------------------|-------------|-------------------------------|-----------------|-----------|---|-----|-----|------------------|
| | | | | Date Emasculated | Date Pollinated | | Plot | Row | | |
| 31 | Healthy | x 7083 | | 52 | 16 | 4 | 4 | 4 | 28 | |
| 32 | Healthy T. Greening | x Jonathan | | 250 | 65 | 25 | 22 | 35 | 193 | |
| 33 | Staymann N. Sap | x King David | | 99 | 17 | 2 | 2 | | | |
| 34 | Chabona | x Staymann N. Sap | | 146 | 8 | 2 | 3 | 3 | 25 | |
| 35 | Jonathan | x Staymann N. Sap | | 100 | | 1 | one only set others were not emasculated. | | | |
| 36 | Suechess | x Jonathan | | 48 | 2 | D.S. 0 | | | | |
| 37 | Jonathan | x Charlamoff | | 5 | 0 | | | | | |
| 38 | Grimes | x Healthy | | 89 | 22 | 7 | 4 | 3 | 34 | |
| 39 | King David | x Hibernial | | 21 | 0 | | | | | |
| 40 | Black Ben | x Healthy | | 38 | 7 | 7 | | | | |
| 41 | 7045 | x " | | 31 | 1 | 1 | 1 | | | |
| + 42 | ? Prob. Hibernial | x Suechess | | 4 | 0 | | | | | |
| 43 | Evelyn | x " | | all flowers 5 aborted 11-2 | 0 | | | | | |
| 44 | King David | x " | | 26 | 7 | 3 | | | | |
| 45 | Suechess | x Grimes Golden | | 68 | 6 | 0 | | | | |

The University of Minnesota
Experiment Station

1918

FRUIT BREEDING RECORD

Fruit Apple

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Floral Date Emasculated <i>apr 1-9/18</i> | No. Set 5/1/18 Date Pollinated | Fruit No. Seeds | NURSERY | | | Number Seedlings |
|-------------------------------|-----------------|---------|-----------------|-------------|---|-----------------------------------|-----------------|------------|----|----|------------------|
| | | Plot | Row | | | | | | | | |
| 46 | Black Ben | x | King David | | 99 | 5- | 6 | | | | |
| 47 | Healthy | x | Slaymame N.S. | | 11 | 1 | 0 | | | | |
| 48 | Delicious | x | Duchess | | 56 | 5- | 0 | | | | |
| 49 | ? | x | Lady | | 20 | 4 | 0 | | | | |
| 50 | King David | x | Duchess | | 27 | 1 | 1 | | | | |
| 51 | Milwaukee | x | University | | 4 | 1 | 0 | | | | |
| 52 | Jonathan | x | | | 153 | 14 | 12 | 3(76) 8 | 2 | 47 | |
| 53 | 7083 | x | Healthy | | 3 | 0 | | | | | |
| 54 <i>subdult</i> | Clapps Favorite | x | Okabena | | 30 | 1 | 1 | | | 4 | 2 |
| | subdult | x | 7083 | | 24 | 0 | | | | | |
| | " | x | subdult | | 17 | 2 | 1 | | | 11 | 1 |
| | " | x | subdult | | 8 | 0 | | | | | |
| 55 | Duchess | x | Delicious | | 103 | 36 | 13 | 11 | 14 | 62 | |
| 56 | Clapps Favorite | x | Okabena | | 9 | 0 | 0 | | | | |
| | " | x | 7083 | | 20 | 0 | 0 | | | | |
| | " | x | Clapps Favorite | | 12 | 0 | 0 | | | | |
| 57 | Duchess | x | Delicious | | 4 | 1 | 1 | 1 | 2 | 8 | |
| 58 | Charlamoff | x | " | | 5- | 3 | 2 | 1 | 4 | 6 | |
| | Duchess | x | | | <i>no grow</i> | | 2 | | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Fls. Pol. Date Emasculated | no selfs Date Pollinated | No. Seeds | NURSERY | | | Number Seedlings |
|-------------------------------|-----------------|---------|-----------------|-------------|-------------------------------|-----------------------------|-----------|---------|-----|------------|------------------|
| | | | | | | | | Plot | Row | land seeds | |
| 59 | Clapps Favorite | x | Sand Pear | | 130 | 2 | 2 | 1 | | 15 | |
| | " | x | 7083 | | 80 | 0 | 0 | | | | |
| | " | x | selfed | | 20 | 9 | 9 | 2 | 6 | 62 | |
| 60 | Okabeana | x | Stagnam W. Sap. | | 13 | 6 | 2 | 2 | 5 | 10 | |
| 61 | Gilbert Wine S | x | ? | | 31 | 8 | 0 | | | | |
| 62 | Winesap | x | ? | | ? | 1 | 1 | 0 | | | |
| 63 | Delicious | x | Charlemoff. | | 9 | 2 | 0 | | | | |
| 64 | Jonathan | x | Duchess | | 5 | 0 | | | | | |
| 65 | Fallawater | x | Stay Wine Sap | | 6 | 0 | 0 | | | | |
| | " | x | Duchess | | 12 | 8 | 4 | 5 | 12 | 35 | |
| | " | x | self. | | 16 | 0 | 0 | | | | |
| 66 | 7083 | x | " | | 67 | 5 | 4 | 4 | | | |
| 67 | Wilder Banana | x | selfed apr 19 | | 30 | 5 | 3 | | | | |
| 68 | Brimmes | x | | | | 0 | | | | | |
| 69 | Jonathan | x | | | | 0 | | | | | |
| 70 | Jonathan | x | Okabeana | | ⁵³ 117 | 15 | 3 | 3 | 1 | 17 | |
| 71 | Delicious | x | Delicious | | 25 | 0 | | | | | |

The University of Minnesota
Experiment Station

1918

FRUIT BREEDING RECORD

Fruit

Project

1918

Original

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds <i>Pat. Pat.</i> | NURSERY | | Number Seedlings |
|-------------------------------|--------------|-----------|------------|-------------|------------------|-----------------|-------------------------------|---------|------|------------------|
| | | Plot | Row | | | | | | | |
| a 1 | A x W 35 | X | B x W # 12 | ✓ | Mch 8 | Mch 8 | 274 | 3 | | |
| | Compass | X | B x W # 12 | ✓ | Mch 6 | Mch 6 | 442 | | | |
| 5 <i>same tree</i> | { | B x W 12 | X | Manitoba | ✓ | " 10 | 309 | 151 | 7/16 | 59 |
| | | B x W 12 | X | B x W 9 | ✓ | " 10 | 139 ⁺ | 16 | " | 7 |
| | | " | X | A x W 35 | ✓ | " | 160 264 | 12 | " | 3 |
| | | " | X | Yellow Egg | | " | 80 | 79 | 7/16 | 15 |
| 4 <i>same tree</i> | { | B x W 9 | X | A x W 35 | ✓ | " | 209 | 63 | | 50 |
| | | " | X | Yellow Egg | ✓ | " | 65 | 10 | | 13(?) |
| | | " | X | B x W 6 | ✓ | " | 61 | 3 | | 2 |
| 9 | { | B x W # 1 | X | B x W 9 | ✓ | " | 237 | 10 | | 5 |
| | | " | X | Yellow Egg | | " | 116 | 29 | | 12 |
| | | " | X | B x W 6 | ✓ | " | 127 | 2 | | 10 |
| | | " | X | A x W 35 | | " | 20 105 | 6 7? | | 40 |
| 10 | { | B x W 12 | X | B x W 9 | ✓ | " | 147 | 32 | 7/16 | 13 |
| | | " | X | Manitoba | ✓ | " | 91 | 29 | 7/16 | 21 |
| | " | X | A x W 35 | ✓ | " | 41 | 5 | | 3 | |

*all on 16 - 2 mks 7/16
trees with small
each. prob. error.*

*many of these seedlings
may be double fruiting
+ also be such as seedling
again.*

Burbank & Stella cross readily with on the S.C. neck mat 80 feet
 less fert in neck.

large number fert with Compass as ♀ parent

Bailey Eye 2717.

Early Red ^{Russian} P. domestica

x Weaver fertile

sterile

x LeSoto

x Wolf.

x American (wild)

x Compass

x Pennock Hybrid (S.C. x P. Domestica) sterile

Pennock Hybrid

(White Beach? Taylor, Cummings, etc.)

x Americana fertile

x P. berseyii

x

$$\begin{array}{r} 25 \\ 27 \\ 27 \\ 27 \\ 28 \\ \hline 616 \end{array}$$

42
54

The University of Minnesota
Experiment Station

1918

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | Fruit Set No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|----------------------|-----------------------------------|-------------|------------------|-----------------|---------------------|---------|------|---|
| | | | | | | | Plots | Row | |
| 3 | Yellow Egg | x Schmidt's Biggareaux | ✓ | March 13/18 | no. fls. pd. 28 | 0 | | | |
| | | x Compass Cherry | | " | 133 | 0 | | | |
| | | x Manitoba | | " | 42 | 0 | | | |
| 4 | Compass | x Yellow Egg | ✓ | March 14 | 105 | 37 | 7/16 | 1 | |
| | | x Barbours Bing Cherry | ✓ | " | 34 | 0 | " | 1 | |
| | | x Burbank | ✓ | " | 175 | 116 | 1/8 | 114 | |
| 7 | Compass | x Yellow Egg | ✓ | March 13 | 1222 | 615 | " | 1 | |
| | | x Schmidt's Biggareaux | ✓ | " | 169 | 19 | " | 1 | |
| 8 | B x W 9 | x B x W 12 | | | 537 | 0 | | | fruit not bigger than but little only. ovaries green set. |
| 11 | Terry | x Burbank | | | 11 | 0 | | | |
| 2 | B x W 6 | x Manitoba | ✓ | 14 | 149 | 59 | 52 | 7/16 | not all hatched 2/18 |
| | | x Yellow Egg | ✓ | " | 17 | 7 | | | |
| | | x B x W 9 | ✓ | " | 208 | 40 | | | 8 + 15 small - probably not recorded as set, smelted later. |
| | | x B x W #12 | ✓ | 16 | 108 | 8 | | | |
| 12 | Schmidt's Biggareaux | x Compass | | | 26 | 0 | | | ovules brown & dried up. |
| 13 | Burbank | x B x W #1 | | | 128 | 52 | | | 34 7/16 + 10 hatched 4/18 |
| 14 | " | x B x W #1 | | | 12 | 8 | | | 6 |
| 15 | Mont Stark Cherry | x Eng Marelo | | 18 | 82 | 26 | 21 | | |

The University of Minnesota
Experiment Station

1918

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Date Emasculated | Date Pollinated | Fruit No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|----------------|---------|----------|-------------|------------------|-----------------|-----------------|---------|--------------|------------------|
| | | | | | | | | Plot | Row | |
| 16 | Eng Marela | X | Dyehouse | | McK 18 | 120 | 36 | 26 | | |
| 17 | " | X | Compass | | " 18 | 221 | 59 | 23 | put together | |
| | " | X | Dyehouse | | " 18 | 192 | 93 | 74 | | |
| 18 | Bing | X | Compass | | " 15 | 49 | 0 | | | |
| 19 | Yellow Egg | X | B x W 6 | | " 16 | 45 | 0 | 1 | | |
| | | X | Compass | | " 16 | 48 | 0 | | | |
| 20 | A x W 35 | X | Self | | " 16 | 84 | 2? | | prob cross | |
| 21 | B x W 6 | X | Self | | " 16 | 185 | 1? | | | |
| 22 | Saturna | X | B x W 12 | | " 16 | 17 | 9 | 2 | | |
| 23 | B x W 12 | X | B x W 6 | | " " | 47 | 8 | | | ??? |
| 24 | Compass x Apr. | X | B x W #9 | | " 17 | 50 | 0 | | | |
| 24 | " | X | Compass | | " " | 34 | 0 | | | |
| 25 | B x W 12 | X | Self | | " " | 49 | 0 | | | |

* Picking still on one limb did not pick rest setting.

The University of Minnesota
Experiment Station

1918

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Date Emasculated | No. Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---------------------|---------|----------------|-------------|------------------|---------------------|-----------|------------------------|---------|-------------------|
| | | | | | | | | Fruit Plot | Row | |
| with 26 | B x W 6 | | | | | | | | | |
| 26 | Mont stark cherry | x | self | | 3/25 | 65 | 16 | 17 | 50 | 17 |
| 26 1/2 | Burbank | x | Surprise | | 3/23 | 100 70 | 54 14 | 3 | 3 | 54 |
| 27 | Surprise | x | Burbank | | 3/23 | 82 | 22 | | | |
| 28 | Schmidt's Biggarian | x | Eng. Marcella | | 3/21 | 661 | 26 | 19 | | |
| 29 | Surprise | x | Double cherry | | 3/23 | 30 | 0 | | | |
| 30 | Burbank | x | B x W 6 | | | 309 | 14 | 12 | | |
| 31 | " | x | B x W 9 | | | 314 | 45 | 53 | | |
| 32 | Lychouse | x | Eng. Marcella | | 3/21 | 103 | 23 | 27 | | |
| 33 | Burbank | x | W 6 x Surprise | | 3/23 | 44 | 7 | 96 | | |
| | " | x | Burbank | | 3/23 | 291 | 7 | 8 | | |
| 34 | " | x | Surprise | | 3/23 | 243 | 124 | 14 | 7/20/18 | |
| 35 | Compass | x | Eng. Marcella | | 3/20 | 192 | 0 | | | |
| 36 | P. simonit | x | Surprise | | 3/23 | 48 | 7 | 4 | | |
| 37 | Burbank | x | " | | 3/23 | 114 | 88 | all plants many clefts | | |
| 38 | Surprise | x | Burbank | | 3/23 | 26 | 2 | | | |
| 39 | Mont stark cherry | x | Self | | 3/24 | 182 | 38 | 21 | | missing June 7/18 |
| 40 | Early Richmond | x | self | | 3/25 | 397 | 15 | 21 | | |
| 41 | Lychouse | x | Compass | | 3/24 | 114 | 30 | 16 | | |
| 26 1/2 | B x W 6 x | | | | 3/24 | 20 39 | 4 37 | 4 8 | | |

Many pits small, and abnormal form

with 26
26 1/2
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41

Original

The University of Minnesota
Experiment Station

44, left

FRUIT BREEDING RECORD

Fruit

Apple

Project

1920

1920

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|----------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | Staminate ♂ | | | | | Plot | Row | |
| 135 | | King David | Okabena | | May 4 | | 17 | 0 | |
| 38 | | Grimes Golden | P. Greening | | May 6 | | 40 | 0 | |
| 35 | | Jonathan | Duchess | | " | | 24 | 0 | |
| 115 | | Okabena | Delicious | | May 7 | | 265 | 2 | |
| 114 | | Nipponal | " | | " | | 95 | 0 | |
| X | | Charlamoff | " | | " | | | 0 | |
| 170 | | Duchess | Sgt | | " 7 | | 217 | 0 | |
| 198 | | Jonathan | Charlamoff | | " 24 | | | 0 | |
| 166 | | N. W. Greening | Grimes | | May 12 | | 36 | 0 | |
| 138 | | Lady Apple | Duchess | | " +15 | | 340 | 2 | |
| 146 | | Delicious | Okabena | | " +15 | | 900 | 0 | |
| 18 | | Delicious | P. Greening | | " +15 | | 530 | 0 | |
| 7 | | Delicious | Okabena | | " +15 | | 236 | 0 | |
| 117 | | King David | Duchess | | May 13 | | 92 | 0 | |
| 44 | | King David | " | | " | | 6 | 0 | |
| 131 | | King David | " | | " | | 144 | 5 | |
| 40 | | Black Ben | " | | " | | 140 | 2 | |
| 58 | | Charlamoff | Delicious | | " | | 4 | 0 | |

1930

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

2

Fruit

Project

1920

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|--------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 10 | Black Ben | x Okabena | | | May 4+6 | | 240 | 0 | |
| 153 | ? | x " | | | " | | 39 | 0 | |
| 4 | Wealthy | x S. Winesap | | | " | | 145 | 0 | |
| 105 | " | x " | | | " | | 130 | 0 | |
| 47 | " | x " | | | " | | 15 | 0 | |
| 111 | Milwaukee | x King David | | | " | | 132 | 4 | |
| 13 | Duchess | x " | | | " | | 128 | 6 | |
| 108 | 7093 | x " " | | | " | | 120 | 0 | |
| 11 | Okabena | x " " | | | " | | 168 | 5 | |
| 87 | " | x S. Winesap | | | " | | 20 | 0 | |
| 127 | Wealthy | x King David | | | " | | 312 | 1 | |
| 169 | Wolf River | x Wealthy | | | " | | 8 | 0 | |
| 67 | Banana | x Duchess | | | " | | 280 | 07 | |
| 60 | Okabena | x Black Ben | | | " | | 60 | 0 | |
| 120 | Jonathan | x Duchess | | | " | | 88 | 0 | |
| 3 | King David | x Duchess | | | " | | 21 | 0 | |
| 171 | Erlyn | x Duchess | | | " | | 144 | 0 | |
| 40 | Duchess | x Staymans Winesap | | | " | | 140 | 3 | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

3
2

Fruit

Project

1920

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|---------------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 83 | | Duchess x King David | | | April 24 | | 152 | 0 | |
| 29 | | Duchess x Staymans Winger | | | 24 | | 147 | 0 | |
| 86 | | Greening x Duchess | | | 26 | | 230 | 0 | 3 |
| 106 | | Duchess x King David | | | 26 | 0 | 160 | 2 | |
| 34 | | Okabena x Black Ben | | | 26 | | 43 | 0 | |
| | | Okabena x King David | | | 26 | | 147 | 0 | |
| | | Okabena x N.W. Greening | | | 26 | | 122 | 0 | |
| 19 | | Hibernial x King David | | | 27 | | 43 | 0 | |
| 176 | | Black Ben x Duchess | | | 28 | | 211 | 0 | |
| 85 | | N.W. Greening x Duchess | | | 28 | | 149 | 0 | |
| 175 | | King David x Okabena | | | 28 | | 398 | 0 | |
| 31 | | McIntosh x P. Greening | | | May 2 | | 25 | 0 | |
| 107 | | N.W. Greening x Wealthy | | | 2 | | 75 | 0 | |
| | | N.W. Greening x Wealthy | | | 2 | | 347 | 0 | |
| 50 | | King David x Okabena | | | 2 | | 292 | 0 | |
| 168 | | Grimes Golden x " | | | 2 | | 94 | 0 | |
| 26 | | Stay Winger x Hibernial | | | 2 | | 73 | 0 | |
| 48 | | Delicious x Duchess | | | 2 | | 84 | 0 | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

47

Fruit Apples 1920

Project 1920

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|------------------|---------|------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | | Plot | Row | |
| 184 | Hibernal | x | Jonathon | | 0 | Mar 22 | 0 | 0 | 17 | 2 |
| | Hibernal | x | Staymans Winesap | | 0 | 19 | 0 | 0 | 5 | 0 |
| 24 | 7045 | x | Duchess | | 0 | 22 | 0 | 0 | 278 | 10 |
| 164 | Jonathon | x | Hibernal | ← | 0 | 22 | 0 | 0 | 107 | 19 |
| 185 | Duchess | x | Delicious | ← | 3 | 22 | 23 | 2 | 36 | 9 |
| | Duchess | x | 7045 | ← | 16 | 22 | 127 | 12 | 76 | 40 |
| | Duchess | x | Jonathon | ← | 15 | 22 | 116 | 7 | 93 | 40 |
| 200 | Osakeva | x | Gilberts Winesap | | 10 | 20 | 61 | 11 | 71 | 25 |
| | " | x | Jonathon | | 4 | 21 | 30 | 5 | 43 | 21 |
| | " | x | Staymans Winesap | | 12 | 21 | 92 | 8 | 54 | 21 |
| 61 | Gilberts Winesap | x | Hibernal | | 1 | 22 | 4 | 1 | 168 | 32 |
| | Gilberts Winesap | x | Duchess | | 0 | 22 | 0 | 0 | 436 | 18 |
| | Gilberts Winesap | x | Charlanoff | | 1 | 22 | 5 | 2 | 76 | 28 |
| 110 | Jonathon | x | Hibernal | | 11 | 22 | 62 | 3 | 146 | 24 |
| 121 | Staymans Winesap | x | Duchess | ← | 21 | 21 | 59 | 63 | 157 | 20 |
| 23 | Jonathon | x | Duchess | ← | 38 | 21 | 171 | 9 | 193 | 58 |
| 159 | Wealthy | x | Gilberts Winesap | | 14 | 20 | 80 | 9 | 94 | 20 |

2040

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

5

Fruit

Project

1920

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|--------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 144 | Charlamoff | x Delicious | | 3 | Mar 30 | 14 | 4 | 26 | 0 |
| | Charlamoff | x Staymans Winesap | | 1 | 20 | 9 | 1 | 20 | 0 |
| | Charlamoff | x Jonathan | | 7 | 20 | 30 | 9 | 44 | 4 |
| 63 | Stowinsap | x Duchess | ✓ | 14 | 22 | 100 | 14 | 465 | 13 |
| | S. Winesap | x P. Greening | ✓ | 0 | 22 | 0 | 0 | 152 | 0 |
| | S. Winesap | x Habernerd | ✓ | 3 | 22 | 17 | 10 | 29 | 13 |
| 128 | Evelyn | x Duchess | | 2 | 22 | 6 | 6 | 9 | 4 |
| 99 | King David | x Duchess | ✓ | 6 | 22 | 40 | 9 | 15 | 0 |
| 124 | Jonathan | x Duchess | ✓ | 5 | 24 | 20 | 25 | 367 | 2 |
| | Unknown | x P. Greening | ✓ | 5 | 20 | 31 | 5 | 186 | 7 |
| | Unknown | x Wealthy | | 5 | 20 | 11 | 2 | 147 | 2 |
| | Unknown | x Duchess | ✓ | 0 | 20 | 0 | 0 | 93 | 0 |
| 157 | Jonathan | x Charlamoff | ✓ | 1 | 24 | 5 | 1 | 9 | 1 |
| 100 | Delicious | x Duchess | ✓ | 2 | 22 | 12 | 2 | 179 | 0 |
| 65 | Fallawater | x Patters Greening | ✓ | 2 | 22 | 16 | 22 | 372 | 4 |
| | Jonathan | x Duchess | ✓ | 2 | 22 | 199 | 45 | 78 | 58 |
| 134 | Wealthy | x Gilberts Winesap | ✓ | 8 | 21 | 24 | 8 | 35 | 0 |
| 174 | Delicious | x Duchess | ✓ | 3 | 24 | 75 | 40 | 436 | 139 |

Embassy
N. Clay

grafts in buds

2

27 6 2

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

6

Fruit

Project

1920

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated Mo. Day | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---------------------------|--------------------------------------|-------------|-----------------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| ✓ 189 | P. Greening | x Wolf River | | 25 | May 27 | 96 | 34 | 102 | 26 or |
| ✓ 190 | Wealthy | x Gilberts Winesap | | 10 | 24 | 50 | 25 | 217 | 6 |
| 78 | Wolf River | x Wealthy | | 1 | 24 | 4 | 5 | 38 | 19 Fr. 5" dia. |
| 136 | Wolf River | x Wealthy | | 0 | 24 | 0 | 9 | 25 | 0 |
| 186 | 10 Jonathan | ^{M.D. 9/1/20} x Hibernia | | 10 | 24 | 93 | 11 | 28 | 5 |
| 102 | 7045 | x Duchesne | | 1 | 22 | 2 | 4 | 376 | 5 |
| 73 | Wolf River | x Wealthy | | 5 | 24 | 33 | 45 | 265 | 16 |
| 2. 133 | Col. Orange | x Duchesne | | 15 | 24 | 36 | 44 | 533 | 72 |
| 147 | 7045 | x Chaclanoff | | 2 | 24 | 7 | 14 | 245 | 10 |
| 113 | P. Greening | x Stayman's Winesap | | 2 | 21 | 11 | 2 | 124 | 0 |
| | P. Greening | x Jonathan | | 0 | 21 | 0 | 10 | 67 | 0 |
| 132 | Wealthy | x Winesap | | 0 | 21 | 0 | 0 | 5 | 0 |
| 149 | Wealthy | x 7045 | | 0 | 22 | 0 | 2 | 10 | 0 |
| 145 | Evelyn | x Wealthy | | 0 | 21 | 0 | 18 | 18 | 0 |
| 178 | P. Greening | x Delicious | | 12 | 21 | 70 | 22 | 110 | 12 |
| | P. Greening | x Winesap | | 3 | 21 | 8 | 10 | 131 | 5 |
| 158 | Wealthy | x Unknown (tree no 124) | | 11 | 20 | 80 | 15 | 53 | 7 |

Thirteen labeled berries
of Jonathan

16
19
337
19
+ Subject in file
2014-05-Sub C

17 28 37

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

17

Fruit

Project

1920

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | | Number Seedlings |
|-------------------------------|--------------|------------------------------------|-------------|------------------|-----------------|-----------|---------|-----|--------|------------------|
| | | | | | | | Blot | Row | plants | |
| 55 | Duchess | Duchess x Antonovna (tree No. 124) | Duchess | 9 | Mar 19 | 47 | 35 | 216 | 2 | } |
| | Duchess | Duchess x Stayman's Winesap | | 35 | 19 | 111 | 49 | 270 | 13 | |
| | Duchess | Duchess x Col. Orange | | 11 | 19 | 75 | 11 | 50 | 9 | |
| | Duchess | Duchess x 7045 | | 8 | 19 | 46 | 24 | 120 | 8 | |
| orig. tree | Hibernal | Hibernal x Col. Orange | | 1 | 19 | 9 | 2 | 5 | 0 | } |
| | Hibernal | Hibernal x Jonathon | | 2 | 19 | 12 | 14 | 37 | 3 | |
| 145 | Delicious | Delicious x Duchess | | 0 | 24 | 0 | 2 | 314 | 0 | 0 |
| 57 | Duchess | Duchess x Jonathon | | 24 | 20 | 181 | 51 | 147 | 6 | } |
| | Duchess | Duchess x Stayman's Winesap | | 7 | 20 | 23 | 18 | 75 | 0 | |
| | Duchess | Duchess x Delicious | | 17 | 20 | 108 | 29 | 87 | 11 | |
| 122 | Duchess | Duchess x 7045 | | 8 | 20 | 63 | 23 | 182 | 6 | } |
| | Duchess | Duchess x Hilbert's Winesap | | 5 | 20 | 16 | 15 | 187 | 0 | |
| | Duchess | Duchess x Jonathon | | 2 | 20 | 14 | 3 | 30 | 3 | |
| orig. tree | Hibernal | Hibernal x Delicious | | 6 | 20 | 21 | 26 | 160 | 13 | } |
| graft | Jonathon | Jonathon x Duchess | | 0 | 24 | 0 | 4 | 55 | 0 | |
| 112 | P. Manning | P. Manning x Hilbert's Winesap | | 7 | 21 | 37 | 7 | 165 | 0 | } |
| | P. Manning | P. Manning x Col. Orange | | 14 | 21 | 86 | 15 | 111 | 0 | |
| 41 | 7045 | 7045 x Charlantoff | | 1 | 22 | 1 | 9 | 546 | 6 | 46 |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

8

Fruit

Project

1920

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---------------|---------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| ✓ 191 | Jonathan | x Duchess | | no mat 57 | Mar 22 | 390 | 86 | 278 | About 13 |
| ✓ 193 | Wealthy | x 7043 | | 18 | 22 | 11942 | 42 | 250 | 15 |
| | Wealthy | x Wolf River | | 30 | 22 | 16046 | 46 | 217 | 9 |
| 72 | Wealthy | x 7043 | | 0 | 24 | 0 | 6 | 15 | 0 X |
| ✓ 196 | Jonathan | x Charlamoff | | 1 | 24 | 6 | 1 | 5 | 1 |
| ✓ 192 | P. Breeding | x 7043 | | 18 | 24 | 98 | 27 | 42 | 6 |
| 97 | Delicious | x Charlamoff | | 0 | 24 | 0 | 0 | 30 | 0 |
| 161 | King David | x Charlamoff | | 0 | 24 | 0 | 0 | 5 | 0 |
| ✓ 199 | Okahena? | x 7043 | | 0 | 24 | 0 | 2 | 6 | 0 |
| 140 | Hibernal | x 7043 | | 3 | 24 | 14 | 3 | 9 | 6 |
| ✓ | Rose Beauty | x Hibernal | | 0 | 27 | 0 | 0 | 4 | 0 |
| ✓ 199 | Black Ben | x Hibernal | | 1 | 27 | 5 | 8 | 42 | 4 |
| 143 | W. Greening | x Wealthy | | 4 | 27 | 22 | 8 | 82 | 3 |
| 25 | Primes Holden | x Duchess | | 30 | 26 | 155 | 55 | 178 | 11 |
| ✓ 197 | Duchess | x Jonathan | | 22 | 27 | 131 | 50 | 97 | 5 |
| ✓ 188 | Wilson | x P. Breeding | | 1 | 29 | 9 | 4 | 26 | 1 |
| ✓ 195 | Jonathan | x P. Breeding | | 26 | 29 | 163 | 45 | 113 | 9 |
| ✓ 187 | Booken | x Charlamoff | | 16 | 29 | 94 | 45 | 167 | 8 |

wealthy

18

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

9

Fruit _____

Project _____

1920

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|-------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 104 | Charlamoff | x S. Winsap | | May 13 | May 13 | 100 | 10 | | |
| 79 | Grimes | Golden x Dutchess | | " | " | 405 | 0 | | |
| 70 | Jonathan | x Dutchess | | " | " | 48 | 0 | | |
| 80 | Delicious | x N. W. Grimes | | " | " | ? | 0 | | |
| | | | | | | 64 | 0 | | |

The following were emasculated and pollinated outside.

- 123 Grimes x Bardwell Red Dutchess
- 109 Delicious x " " "
- 150 Jonathan x Dutchess
- 52 Charlamoff x Grimes
- 177 Stayman Winsap x Grimes
- 28 Lady x Dutchess
- 8 King David x Charlamoff
- 5 Senator Staudred x Charlamoff
- 181 Delicious x Bardwell Red Dutchess
- 17 Stayman W. x " " "
- 22 " " " " " "

none set

147

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

1920

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|------------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 192 | Delicious | x Bardwell Red Duchess | | none | set. | | | | |
| 33 | Stayman W. | x Duchess | | | | | | | |
| 119 | Delicious | x Bardwell Red Duch. | | none | set | | | | |
| 151 | Wealthy | x " " " " | | " | " | | | | |
| | | University | x | Open | pollinated. | | | | |
| 12 | King David | x Grimes | | | | | | | |
| 118 | King David | x Grimes | | | none | set | | | |
| 142 | Rome | x Charlamoff | | " | " | | | | |
| 141 | Wealthy | x Bardwell Red Duch. | | " | " | | | | |
| 9 | King David | x Grimes | | " | " | | | | |
| 180 | Wealthy | x Bardwell Red Duch. | | | | | | | |
| 139 | | no bloom. | | | | | | | |
| 101 | King David | x Grimes | | | | | | | |
| 129 | | no name | | | | | | | |
| 126 | Milwaukee | not emas. | | | | | | | |
| 31 | Wealthy | x Bardwell Red Duch. | | | | | | | |
| 30 | Jonathan | x Duchess | | none | set | | | | |
| 76 | Stayman W. | x Red Duchess | | " | " | | | | |

sample for

Grape
Pollination
1920

GRAPE

Pollination record. 1920

Original

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit Grapes - 1920 Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|--------------------|---|--------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | | Cluster | Row | |
| | Vine | | | | | | | | | |
| | 1 | Alpha | x | self | | | | | | |
| | 2 | Alpha | x | self | | | | | | |
| | 3 | Alpha | x | self | | | | 1 | | |
| | 4 | Beta | x | Black | | 6/11/20 | | 10 | | |
| | 5 | Beta | x | Black | | 6/11/20 | | 19 | | |
| | 6 | Herbert | x | Beta | | 6/11/20 | | 9 | | |
| | 7 | Lutia | x | Beta | | 6/11/20 | | 13 | | |
| | 8 | Sulter | x | Black | | 6/11/20 | | 4 | | |
| | 9 | Lucile | x | | | | | | | |
| | 10 | Lindley | x | self | | | | | | |
| | 11 | Alpha | x | self. | | | | | | |
| | 12 | Sulter | x | Beta | | 6/11/20 | | | | |
| | 13 | Warden | x | Beta | 6/9/20 | | | 22 | | |
| | 14 | Dakota | x | Alpha | 6/5/20 | | | 8 | | |
| | 15 | Walter's Wildwhite | | | | 6/11/20 | | 6 | | |
| | | (Pfaender) | x | intermediate | | | | 15 | | |
| | | Minn. River | | | | | | | | |
| | 16 | King | x | Beta self. | | | | 15 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit Grapes - 1920 Project

| Series or Breeding Record No. | PARENTS | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---|------------------|-----------------|-----------|---------------|-----|------------------|
| | | | | | Clusters Plot | Row | |
| | Pistillate ♀ vine | | | | | | |
| | 17. Walter's Wild White - (P faender) X | No bloom | | | none | | |
| | 18. Beta X Alpha | | 6/11/20 | | 12 | | |
| | 19. Walter's Wild White - (P faender) X Black (Cluster X Concord) | | 6/11/20 | | 25 | | |
| | 20. Herbert X Alpha | | 6/18/20 | | 85 | | |
| | 21. No Label Walters wild white | No bloom | | | | | |
| | 22. Sulter X | No bloom | | | | | |
| | 23. Alpha X | No bloom | | | | | |
| | 24. Sulter X Black | " " | | | | | |
| good set what. | 25. Sulter X | 6/6/20 | | | 10 | | |
| | 26. Walter's Wild White - (P faender) X Lucile | " " | 6/11/20 | | 5 | | |
| | 27. Concord X Beta selfed. | | | | 25 | | |
| | 28. Beta X Intermediate | | 6/11/20 | | 1 | | |
| | 29. Beta X Black | 6/8/20 | 6/11/20 | | 9 | | |
| | 30 No Label | No bloom | | | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit Grapes - 1920. Project _____

| Series or Breeding Record No. | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|----------------------|-------------|------------------|----------------------------|-----------|--------------------------|-----|------------------|
| | | | | | | Clusters Per Plant | Row | |
| | Pistillate ♀ vine | | | | | | | |
| 31. | Alpha X Black | | | 6/11/20 | | 27 | | |
| 32. | Dakota X Black | | | 6/11/20 | | 24 | | |
| 33. | Moore's Early X Beta | | | } not pollinated selfed | | | | |
| 34. | Moore's Early X Beta | | | | | | | |
| 35. | Concord X Alpha | | | Selfed | | | | |
| 36. | Beta | | | no bloom | | | | |
| 37. | Alpha | | | no bloom | | | | |
| 38. | Dakota X Self. | | | | | 16 | | |
| 39. | ♀ X Self | | | | | 7 | | |
| 40. | Warden X Beta | | | Selfed. | | 41 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Original

Fruit

Plums 1920

Project

Series or Breeding Record No.

Pistillate ♀

PARENTS

Staminate ♂

Date Emasculated

Date Pollinated

No. Seeds

NURSERY

Plot

Row

Number Seedlings

8/20
5-20

| | | | | | | |
|-------|--|---------|----|-----|----|---|
| 1-20 | S.C. x Formosa x Mont. Stark | Feb. 12 | 1 | 421 | 1 | |
| | S.C. x Formosa x Pu. Tomentosa | 12 | 5 | 416 | 8 | |
| 2-20 | Roga x Pu. Tomentosa | 11 | 0 | 82 | 0 | |
| 3-20 | S.C. x Satsuma x Pu. Tomentosa | 12 | 0 | 365 | 0 | |
| 4-20 | 9-5-13-21 x Emerald | 13 | 7 | 49 | 8 | |
| | 9-5-13-21 x BxN. No. 4 | 13 | 7 | 70 | 9 | |
| 5-20 | 7-5-4-55 x Pu. Tomentosa | 14 | 0 | 337 | 0 | |
| 6-20 | Emerald x S.C. x Formosa | 12 | 0 | 28 | 0 | |
| | Emerald x Roga | 12 | 7 | 55 | 7 | |
| | Emerald x BxN. No. 4 | 12 | 0 | 39 | 1 | |
| | Emerald x S.C. x Satsuma | 12 | 0 | 105 | 2 | |
| | Emerald x BxN. No. 5 | 12 | 11 | 329 | 14 | |
| 7-20 | ⁵⁻⁷⁻¹⁵ S.C. x Satsuma x Pu. Tomentosa | 14 | 0 | 469 | 29 | these set small embryos formed but they fell. |
| 8-20 | ⁵⁻⁶⁻¹¹ S.C. x Formosa x Mont. Stark | 12 | 0 | 178 | 0 | |
| | S.C. x Formosa x Pu. Tomentosa | 12 | 6 | 167 | 16 | |
| 9-20 | Emerald x BxN. No. 5 | 15 | 5 | 90 | 8 | |
| | Zumbra | | | | | |
| 10-20 | Cherry x Pu. Tomentosa | 15 | 3 | 180 | 9 | |
| 11-20 | Wakapa x Emerald | 16 | 0 | 21 | 0 | |

3451

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Plums* 1920 Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---|-------------|-------------|------------------|--------------------|---------------|------------------|---------------|------------------|
| | | Staminate ♂ | | | | | Plot | No. Row | |
| 12/20 | Emerald X No. 9. | | | | Feb. 16 | 16 | 235 | 24 | |
| | Emerald X No. 5 | | | | 16 | 6 | 169 | 11 | |
| 13/20 | Zumbra Cherry X Mont Stark | | | | 16 | 0 | 206 | 0 | |
| 14/20 | S.C. Hybrid X P. Tomentosa | | | | 13 | 0 | 327 | 0 | |
| 15/20 | No. 9 X Emerald | | | | 12 | 0 | 224 | 0 | |
| | No. 9 X No. 5 | | | | 12 | 9 | 927 | 34 | |
| 16/20 | 50 Hybrid X No. 5 | | | | 16 | 0 | 55 | 0 | |
| 17/20 | BxW12 X Emerald | | | | 13 | 2 | 24 | 4 | |
| 18 | ⁵⁻¹⁻²² BxW mixed X 145 X | | | | 17 | 0 | 64 | 0 | |
| 19 | BxW mixed X S.C. X Satsuma | | | | 14 | 0 | 152 | 0 | |
| 20 | Mont Stark X S.C. X Formosa | | | | 17 | 35 | 560 | 36 | |
| 21 | ⁵⁻⁶⁻²⁴ S.C. X apricot X Zumbra Cherry | | | | 16 | 0 | 249 | 3 | |
| | ⁵⁻⁶⁻²⁴ S.C. X apricot X P. Tomentosa | | | | 16 | 0 | 186 | 0 | |
| 22 | Mont Stark X S.C. X Satsuma | | | | 17 | 4 | 137 | 4 | |
| 23 | ⁵⁻⁶⁻²⁴ BxW5 X S.C. X apricot | | | | 17 | 0 | 174 | 0 | |
| | BxW5 X Emerald | | | | 17 | 0 | 182 | 0 | |
| 24 | ^{Zumbra} Cherry X Gg. Richmond | | | | 19 | 0 | 191 | 0 | |
| 25 | BxW9 X No. 5 | | | | 19 | 15 | 580 | 36 | |
| | | | | | | | 74642 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit *Plums 1920*

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|-----------------------------|----------------------------|-------------|------------------|-------------------|---------------|----------------|---------------|-----------------------|
| | | | | | | | Plot | Row | |
| 26 | Emerald | X No. 5 | | | Feb 19 | 30 | 673 | 55 | 67 |
| 27 | S.C. X apr. | X Compap. X apr | | | 18 | 0 | 88 | 0 | 17 |
| 28 | S.C. X apr. | X Mont. Stark. | | | 18 | 0 | 698 | 0 | |
| 29 | B X W. No. 5 X | No. 12. | | | 17 | 0 | 44 | 0 | |
| 30 | B. X W. No. 5 X | No. 9 | | | 17 | 0 | 100 | 5 | |
| 31 | B X W. No. 5 X | No. 50 Hybrid | | | 17 | 0 | 382 | 10 | |
| 32 | B. X W. 12 X | No. 5. | | | 19 | 0 | 19 | 0 | |
| 33 | No. 9 X | No. 5 | | | 16 | 4 | 126 | 4 | |
| 34 | B X W 9 X S.C. X | Satsuma | | | 16 | 9 | 40 | 9 | |
| 35 | B. X W 9 X | No. 5 | | | 16 | 8 | 197 | 28 | |
| 36 | Cherry X | Richmond | | | 19 | 0 | 300 | 0 | |
| 37 | S.C. X apr. | X Pr. Tomentosa | | | 17 | 0 | 591 | 0 | |
| 38 | S.C. X apr. | X Mont. Stark. | | | 17 | 0 | 91 | 0 | |
| 39 | 145 X X | Pr. Tomentosa | | | 15 | 0 | 179 | 10 | 3 shelling |
| 40 | 145 X X | Mont. Stark | | | 15 | 1 | 257 | 1 | |
| 41 | Pr. Tomentosa X | S.C. X Formosa | | | 11 | 0 | 133 | 0 | |

3912

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Plums 1920

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|---|-------------|------------------|-----------------|-----------|--------------|----------|--------------------------------------|
| | | | | | | | Plot Feb. 17 | Row Set- | |
| 36 | Compas | Compas x Apr. x 145 X | | | Feb. 17 | 0 | 105 | 0 | |
| | | Compas x Apr. x S.C. x Apr. | | | 17 | 0 | 81 | 0 | |
| 34/50 | | (Compas x Apr.) x Kaga | | | 17 | 1 | 182 | 5 | |
| | | Compas x Apr. x No. 5 | | | 17 | 0 | 43 | 0 | |
| | | Compas x Apr. x S.C. x Formosa | | | 17 | 0 | 48 | 0 | |
| | | Compas x Apr. x No. 9 | | | 17 | 0 | 71 | 0 | |
| | | Compas x Apr. x S.C. x Satsuma | | | 17 | 0 | 104 | 0 | |
| | | Compas x Apr. x Emerald | | | 17 | 0 | 76 | 0 | |
| 37/20 | | S.C. x Satsuma x No. 9 | | | 20 | 0 | 62 | 12 | |
| 38 | | S.C. x Apr. x No. 5 | | | 18 | 7 | 248 | 9 | |
| 39 | | A. x Emerald x No. 5 | | | 18 | 8 | 582 | 20 | 19 set - but fell 20 still at 15. |
| 40 | | Cherry x Emerald | | | 22 | 1 | 311 | 1 | |
| 41 | | Cherry x Eng. Moulto | | | 21 | 0 | 317 | 0 | |
| 42 | | Eng. Moulto x Sapa | | | 20 | 69 | 506 | 81 | |
| | | Eng. Moulto x S.C. x Satsuma | | | 20 | 14 | 132 | 15 | |
| | | Eng. Moulto x S.C. x Formosa | | | 20 | 50 | 311 | 62 | |
| | | Eng. Moulto x Zumbra | | | 20 | 22 | 184 | 27 | |
| 43 | | Cherry x Eng. Moulto | | | 22 | 0 | 403 | 0 | |

13766

The University of Minnesota
Experiment Station

18135
FRUIT BREEDING RECORD

Fruit

Plums 1930

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|---|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 44 | 5-6-24 | S.C. X Apr. X Mont. Stark | | | Feb. 18 | 0 | 1 | 571 | 2 |
| 45 | 5-6-24 | S.C. X Apr. X Emerald | | | 20 | 0 | 1 | 144 | 9 |
| 46 | | Eg. Richmond X 145 X | | | 17 | 2 | | 287 | 2 |
| | | Eg. Richmond X S.C. X Formosa | | | 17 | 6 | | 139 | 7 |
| | | Eg. Richmond X Zumbra | | | 17 | 3 | | 66 | 3 |
| 47 | | Assiniboin X No. 5 | | | 18 | 0 | | 43 | 1 |
| 48 | | Eg. Richmond X S.C. X Satsima | | | 17 | 19 | 19 | 269 | 23 |
| 49 | | Sapa X No. 5 | | | 20 | 10 | | 98 | 10 |
| | | Sapa X Eg. Richmond | | | 20 | 0 | | 237 | 0 |
| | | Sapa X Mont. Stark | | | 20 | 1 | | 294 | 1 |
| 50 | | L. 5-4-53 X Eng Morello | | | 21 | 0 | | 13 | 0 |
| 51 | | 5-6-102 ^(S.C. X Emerald) X Emerald | | | 23 | 0 | | 44 | 0 |
| | | 5-6-102 X No. 5 | | | 23 | 6 | 3 | 68 | 6 |
| | | 5-6-102 X Eng Morello | | | 23 | 0 | | 152 | 0 |
| | | 5-6-102 X S.C. X Apr. | | | 23 | 3 | 3 | 45 | 4 |
| | | 5-6-102 X S.C. X Formosa | | | 23 | 0 | | 47 | 1 |

2417

The University of Minnesota
Experiment Station

22420
FRUIT BREEDING RECORD

Fruit Plums 1920.

Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | No. St. | Number Seedlings |
|-------------------------------|--------------|-----------------|-------------|------------------|-----------------|-----------|---------|------|---------|------------------|
| | | | | | | | Plot | Row | | |
| 42 | B.X.W.No2 | X Sapa | | | 23 | | | 213 | | 0 |
| 52/20 | B.X.W.No2 | X Emerald | | | 23 | 5 | | 188 | | 5 |
| 52/20 | B.X.W.No2 | X No 5 | | | 23 | 6 | | 358 | | 6 |
| 53 | No. 91 | X No 5 | | | 24 | | | 30 | | 0 |
| 54/20 | No. 9 | X No 5 | | | 24 | 8 | | 170 | | 9 |
| | No. 9 | X 5-6-102 | | | 24 | 30 | | 117 | | 19 |
| | No. 9 | X No. 2 | | | 24 | 26 | | 177 | | 54 |
| 55 | No. 2 | X No. 5 | | | 24 | | 6 | 254 | | 8 |
| | No. 2 | X 5-6-102 | | | 24 | | | 48 | | 0 |
| | No. 2 | X Sapa | | | 24 | 13 | 1 | 239 | | 2 |
| 56 | No. 5 | X No. 12 | | | 25 | | | 506 | | 0 |
| 57 | S.G. Large | X Eng. Moulle | | | 25 | | | 461 | | 2 |
| 58 | Kaga | X No. 5 | | | 24 | | | 48 | | 0 |
| 59 | 5-4-35 | X Mont Stark | | | 24 | | 1 | 102 | | 1 |
| 60 | No. 5 | X Eng. Moulle | | | 25 | | | 756 | | 0 |
| 61 | No. 5 | X Stella | | | 25 | | | 319 | | 0 |
| | No. 5 | X S.C. X Climax | | | 25 | | | 256 | | 0 |
| | No. 5 | X No. 91 | | | 25 | | | 240 | | 0 |
| | | | | | | | | 4282 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Plums 1920

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------------------|----------------------------|-------------|------------------|--------------------|---------------|----------------|----------------|------------------|
| | | | | | | | Plot | Row | |
| 62 | Wapakapa | X No 9 | | | Feb. 24 | | 120 | 0 | |
| 63 | S.C. x Climax | X No 9 | | | 25 | 60 | 430 | 124 | |
| | S.C. x Climax | X No 5 | | | 25 | 24 | 147 | 38 | |
| | S.C. x Climax | X Eng. Mouillo | | | 25 | | 214 | 0 | |
| | S.C. x Climax | X Bing | | | 25 | | 123 | 0 | |
| 64 | L. 53-4-53 | X Eng. Mouillo | | | 27 | | 169 | 0 | |
| 65 | Chery x apv | X No 5 | | | 27 | 3 | 154 | 16 | |
| | Chery x apv. | X No 21 | | | 27 | 5 | 221 | 14 | |
| | Chery x apv. | X Eng. Richmond | | | 27 | | 404 | 0 | |
| | Chery x apv. | X Eng. Mouillo. | | | 27 | 1 | 130 | 2 | |
| 66 | S.C. x Climax | X No 5 | | | 28 | 30 | 226 | 48 | |
| | S.C. x Climax | X No 21 | | | 28 | 42 | 187 | 43 | |
| | S.C. x Climax | X Eng. Mouillo | | | 28 | 8 | 267 | 10 | |
| 67 | ax 5-2-40 | X Eng. Richmond | | | 27 | 6 | 728 | 14 | |
| 68 | Sapa | X Bing | | | 28 | 6 | 293 | 6 | |
| | Sapa | X No 21 | | | 28 | 48 | 169 | 56 | |
| | Sapa | X No 5. | | | 28 | 18 | 106 | 25 | |
| 69 | Pv. Simon | x Assiniboia | | | 28 | 1 | 93 | 9 | |
| | | | | | | 41 | 82 | | |

65 ✓

ETH

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------------------|--------------|-------------------------|--------------------|-----------------|----------------|----------------|---------------|------------------|
| | | | | | | | Plot | Row | |
| 70 | Wickson | x | June | Feb. 28 | 28 | 25 | 0 | | |
| 71 | Winnipeg | x | Wickson | 28 | 28 | 60 | 0 | | |
| 72 | Winnipeg | x | Wickson | 28 | 28 | 86 | 0 | | |
| 73 | S.C. x Climax | x | No 21 | 26 | 26 | 73 | 353 | 99 | |
| | S.C. x Climax | x | Bing | 26 | 26 | 119 | 0 | | |
| | S.C. x Climax | x | Stella | 26 | 26 | 28 | 246 | 36 | |
| | S.C. x Climax | x | Eng Morello | 26 | 26 | 1 | 98 | 1 | |
| (74) | B x W 21 | x | No 12 | 26 | 26 | 2 | 672 | 5 | |
| 75 | K. sex | x | Eng Richmond | 28 | 28 | 7 | 404 | 9 | |
| 76 | Burbank | x | Assinboin | 27 | 27 | 2 | 13 | 3 | |
| 77 | No 91 | x | No 5 | 27 | 27 | 0 | 55 | 0 | |
| 78 | 5-8-15-15 | x | Bing | 27 | 27 | 0 | 437 | 0 | |
| | 5-8-15-15 | x | Eng Morello | 27 | 27 | 0 | 128 | 0 | |
| | 5-8-15-15 | x | No 21 | 27 | 27 | 15 | 146 | 18 | |
| | 5-8-15-15 | x | No 5 | 27 | 27 | 55 | 378 | 81 | |
| 79 | Wakapa | x | No 5 | 28 | 28 | 9 | 302 | 9 | |
| | Wakapa | x | Moul. Starks | 28 | 28 | 2 | 189 | 2 | |
| 80 | H x W. 18 | x | No 21 | 27 | 27 | 8 | 111 | 14 | |
| | | | | | | 38 | 22 | | |

202

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|----------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 82 | X. Sec X | Bing | | | 27 | 4 | 439 | 4 | |
| 83 | 15-4-23 | X/Eg Richmond | | | 27 | | 204 | 0 | |
| 84 | Compass | X Satsuma X No 5 | | | 27 | 1 | 197 | 34 | |
| | Compass | X Satsuma X Dyehouse | | | 27 | | 251 | 0 | |
| 85 | Sec. x apu. | X Eng. Noelle | | | 28 | | 340 | 0 | |
| | Sec. x apu. | X No 5 | | | 28 | 6 | 181 | 7 | |
| | Sec. x apu. | X Stella | | | 28 | 3 | 192 | 5 | |
| 86 | Stella | X No. 12. | | | 26 | 5 | 528 | 5 | |
| 87 | No 91 | X No 12. | | | 27 | | 177 | 2 | |
| 88 | Stella | X No 5 | | | 24 | | 206 | 11 | |
| 89 | Sec. x apu. | X No 5 | | | 28 | | 286 | 16 | |
| | Sec. x apu. | X Eg Richmond | | | 28 | 1 | 121 | 2 | |
| 90 | Terry | X No 12. | | | 27 | | 68 | 0 | |
| 91 | Burbank | X Assiniboia | | | 27 | | 52 | 4 | |
| 92 | Sec. Hybrid | X Eg Richmond | | | 27 | 12 | 414 | 13 | |
| | Sec. Hybrid | X Bing | | | 27 | 8 | 68 | 9 | |
| 93 | No 91 | X No 5 | | | 27 | 3 | 188 | 11 | |
| | | | | | | 3912 | | | |

47
47
47
1/6

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

72
73
215

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|---------------|-------------|------------------|-----------------|-----------|---------|------|------------------|
| | | | | | | | Plot | Row | |
| 94 | 52-20-13 | X No 5 | | | Feb 28 | 113 | 447 | 24 5 | |
| | 52-20-13 | X Eng Mouillo | | | 28 | 12 | 153 | 15 | |
| | 52-20-13 | X Sapa | | | 28 | 73 | 146 | 108 | |
| 95 | Wakapa | X No 5 | | | 28 | 1 | 280 | 1 | |
| | Wakapa | X Eng Mouillo | | | 28 | 2 | 283 | 2 | |
| 96 | Sc. x Climax | X Ey Richmond | | | 28 | 6 | 367 | 3 | |
| | Sc. x Climax | X Sapa | | | 28 | 111 | 342 | 116 | |
| 97 | Sc. large | X Sapa | | | 28 | 13 | 170 | 28 | |
| | Sc. large | X Eng Mouillo | | | 28 | 4 | 192 | 5 | |
| | Sc. large | X Ey Richmond | | | 28 | 4 | 128 | 4 | |
| | Sc. large | X No 5 | | | 28 | 3 | 91 | 3 | |
| 98 | Wickson | X Jerry | | | 28 | | 6 | 0 | |
| 99 | No 12 | X No 5 | | | 25 | | 334 | 21 | |
| | No 12 | X Assimbain | | | 26 | | 62 | 4 | |
| | No 12 | X Jerry | | | 26 | | 220 | 52 | |
| | No 12 | X Stella | | | 26 | | 190 | 3 | |

3 4 2

35 11

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

37767

40501

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|-----------------|-------------------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 100 | 13xW | No. 21 x No. 5 | | | 26 | 3 | FLP | 9 | |
| | | No. 21 x Stella | | | 26 | 19 | 247 | 12 | |
| | | No. 21 x Turie | | | 26 | 6 | 56 | 13 | |
| | | No. 21 x No. 91 | | | 26 | 3 | 61 | 3 | |
| | | No. 21 x Assiniboia | | | 26 | 15 | 84 | 20 | |
| | | No. 21 x Sapa | | | 26 | | 40 | 0 | |
| | | No. 21 x S. x Climax | | | 26 | 18 | 262 | 22 | |
| 101 | | Compas x apv. x Stella | | | 26 | | 63 | 0 | |
| | | Compas x apv. x S.C. x Climax | | | 26 | | 272 | 0 | |
| | | Compas x apv. x Sapa | | | 26 | | 66 | 0 | |
| 102 | | Assiniboia x No. 3 | | | 27 | 1 | 58 | 1 | |
| 103 | | Assiniboia x Nickson | | | 28 | | 48 | 0 | |
| 104 | | Cherry x apv. x Assiniboia | | | 28 | | 287 | 3 | |
| | | Cherry x apv. x No. 5 | | | Mar 1 | 3 | 196 | 9 | |
| | | Cherry x apv. x Almond | | | 1 | | 74 | 1 | |
| 105 | | Cherry x Eng Moulle | | | Feb. 28 | 3 | 356 | 4 | |
| 106 | | Cherry x Eng Moulle | | | 28 | 4 | 182 | 4 | |
| 107 | | Cherry x Eng Moulle | | | 29 | | 132 | 1 | |
| | | | | | | | 1734 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|----------------------|--------------|--------------------|-------------|------------------|------------------|-----------|---------|---------------|------------------|
| | | | | | | | | Plot | Row | |
| 108 | Masishoum | X | Burbank | | | Mar 4 | | | 37 | 0 |
| 109 | Wamapa | X | 105 | | | Mar 4 | | | 15 | 0 |
| 109 | Sc. | X | Ex. Richmond. | | | 9 | 7. | | 114 | 3 |
| Bred unknown cross | Sc. | X | Ex. Novello | | | 9 | 1 | | 109 | 4 |
| | Sc. | X | Sc. Formosa | | | 9 | 16 | | 123 | 32 |
| | Sc. | X | No 21 | | | 9 | 12 | | 136 | 18 |
| | Sc. | X | Sapa | | | 9 | 31 | | 170 | 42 |
| | Sc. | X | Mont Stack. | | | 9 | 3 | | 184 | 3 |
| | Sc. | X | No 21 | | | 9 | 11 | | 308 | 14 |
| 110 | Sc. | X | No 9 | | | | | | 13 | 14 |
| | Sc. | X | No 5 | | | | | | 0 | 0 |
| | Sc. | X | Stella | | | | | | 4 | 4 |
| | | | | | | | | | 42 | 261 crosses |
| 113 | Wamapa | X | No 21 | | | | | | 4 | 14 |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|--------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 127 | No 12 | X Kaga | | | Nov 15 | 195 | 332 | 952 | |
| 128 | No 12 | X Kaga | | | 18 | 18 | 40 | 122 | |
| 129 | 5-6-165 | X Burbank | | | 15 | 29 | 55 | 124 | |
| | 5-6-165 | X No 1 | | | | 16 | 38 | 132 | |
| 130 | Se. x Climax | X No 1 | | | 17 | 98 | 146 | 517 | |
| 131 | No 5 | X No 12 | | | 18 | 3 | 9 | 126 | |
| 132 | Kaga | X Burbank | | | 19 | 58 | 68 | 181 | |
| 133 | No 9 | X Burbank | | | 17 | 9 | 10 | 75 | |
| | No 9 | X No 1 | | | 17 | 9 | 13 | 132 | |
| | No 9 | X No 5 | | | 17 | 5 | 15 | 236 | |
| 134 | BxW mixed | X No 1 | | | 19 | | 6 | 261 | |
| 135 | BxW mixed | X Wickson | | | 19 | 0 | 0 | 25 | |
| | BxW mixed | X No 27 | | | 19 | 0 | 1 | 97 | |
| 136 | Se. x Climax | X No 12 | | | 19 | 2 | 6 | 198 | |
| 137 | Burbank | X No 35 | | | 19 | 17 | 17 | 78 | |
| 138 | Burbank | X Kaga | | | 18 | 240 | 526 | 730 | |
| 139 | 75-2-20 | X No 1 | | | 19 | 6 | 23 | 275 | |
| 140 | 5-6-106-110 | X Yellow Egg | | | 17 | | 35 | 208 | |

44 6 9

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit _____

Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|---------------|-------------|------------------|-----------------|-----------|---------|--------|------------------|
| | | | | | | | Plot | Row | |
| 744 | Kaga | x Burbank | | | Nov 20 | 48 | 48 | FL 126 | |
| 742 | No 8 | x No 1 | | | 20 | 6 | 7 | 21 | |
| 743 | Se. climax | x No 21 | | | 19 | 9 | 26 | 232 | |
| 744 | No 21 | x Emerald | | | 17 | | 12 | 489 | |
| 745 | Yellow Egg | x 5-6-106-110 | | | 18 | 5 | 7 | 211 | |
| 746 | No 12 | x Kaga | | | 14 | 89 | 13 | 401 | |
| | No 12 | x 5-6-165 | | | 14 | 1 | 6 | 167 | |
| | No 12 | x No 5 | | | 14 | 8 | 8 | 176 | |
| 747 | No 12 | x No 35 | | | 16 | 47 | 92 | 285 | |
| | No 12 | x No 21 | | | 16 | 0 | 0 | 350 | |
| 748 | 5-6-11-22 | x Nicholson | | | 20 | 55 | 73 | 226 | |
| | 5-6-11-22 | x No 21 | | | 20 | 81 | 105 | 211 | |
| | 5-6-11-22 | x Burbank | | | 20 | 98 | 125 | 546 | |
| 749 | Burbank | x No 1 | | | 22 | 32 | 108 | 557 | |
| | Burbank | x 5-6-106-110 | | | 22 | 32 | 244 | 357 | |
| | Burbank | x No 21 | | | 22 | 1 | 34 | 143 | |
| | Burbank | x No 12 | | | 22 | 14 | 97 | 285 | |
| 150 | Burbank | x Kaga | | | 19 | 188 | 279 | 615 | |

5392

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---------------|---------------|-------------|------------------|-----------------|-----------|---------|---------|------------------|
| | | | | | | | Plot | Row | |
| 151 | No 12. | X Kaga | | | Mar 22. | 142 | 337 | 667 | |
| 152 | Burbank | X No 12. | | | 19 | 19 | 72 | 123 | |
| | Burbank | X 5-6-106-110 | | | 19 | 87 | 1 | 288 | |
| 153 | Opata | X No 12. | | | 25 | | 0 | 31 | |
| | Opata | X No 35 | | | 25 | 12 | 12 | 91 | |
| | Opata | X Yellow Egg | | | 25 | 28 | 59 | 156 | |
| | Opata | X Surprise | | | 25 | 18 | 14 | 37 | |
| 154 | 9-1-31-46 | X Burbank | | | 19 | 18 | 27 | 116 | |
| 155 | Winnipeg | X Yellow Egg | | | 25 | | | 136 | |
| 156 | Surprise | X No 12 | | | 25 | | 2 | 47 | |
| 158 | S.C. x climax | X Yellow Egg | | | 25 | 3 | 24 | 122 | |
| | S.C. x climax | X No 35 | | | 25 | 26 | 44 | 143 | |
| 157 | Winnipeg | X Surprise | | | 25 | | | 54 | |
| | | | | | | | | 20 | 14 |
| | | | | | | | 66,061 | crosses | |
| | | | | | | | 4971 | seed. | |

Original

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit Plums 1921

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Project | | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---------------|---------------------------------|-------------|--------------------------|-----------------|-----------|---------|-----|------------------|
| | | | | no. fl. Date Emasculated | Date Pollinated | | Str. | Row | |
| 41 | 9-5-13-21 | X Sapa | | 96 | Feb 4 | | 3 | | |
| | 9-5-13-28 | X S.C. X Formosa | | 142 | 4 | | 5 | | |
| | 9-5-13-21 | X P.v. Tomentosa | | 177 | 4 | | 5 | | |
| | 9-5-13-21 | X Kaga | | 108 | 4 | 3 | 13 | | |
| 95 | No. 91 | X Kaga | | 360 | 4 | 13. | 25 | | |
| | No. 91 | X P.v. Tomentosa | | 154 | 4 | 9 | 0 | | 0 |
| | No. 91 | X No. 21 | | 136 | 4 | 4 | 9 | | |
| | No. 91 | X No. 5 | | 154 | 4 | 6 | 7 | | |
| 129 | BXW. No. 6 | X Wickson | | 66 | 4 | 2 | 6 | | |
| | BXW. No. 6 | X Burbank | | 106 | 4 | | 3 | | |
| | BXW. No. 6 | X No. 12 | | 312 | 4 | 11 | 42. | | |
| 5-6-11 | 8 | S.C. X Formosa X Kaga | | 396 | 4 | 10 | 60 | | |
| 5-6-11 | X | S.C. X Formosa X P.v. Tomentosa | | 407 | 4 | 4 | 30 | | |
| | 14 | No. 21 X Wickson | | 412. | 4 | 8 | 17 | | |
| | | No. 21 X P.v. Tomentosa | | 62. | 4 | | 0 | | |
| | | No. 21 X Kaga. | | 274 | 4 | 18 | 19 | | |
| | | No. 21 X Sapa | | 186 | 4 | | 22. | | |
| 160 | | Yative Plum X Wickson | | 536 | 4 | 1 | 15 | | |
| | | | | 5084 | | | 281 | | |

1921

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Project | | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---------------|-----------------------------|-------------|-------------------------|-----------------|-----------|---------|-----|------------------|
| | | | | No. H. Date Emasculated | Date Pollinated | | Plot | Row | |
| 12. | Emerald | X No 6 (BxW) | | 122. | Feb 3. | | 2. | | |
| | Emerald | X No 12. (BxW) | | 185 | 3 | | 1 | | |
| 5-8-43 | 39 | FXW mixed X No 11 (BxW) | | 95 | 3 | | 9 | | |
| | | FXW mixed X No 6. (BxW) | | 312. | 3 | | 27 | | |
| | | FXW mixed X Sapa | | 73. | 3 | | 9 | | |
| | | FXW mixed X Xaga | | 284 | 3 | | 31 | | |
| 6 | Emerald | X Burbank | | 63 | 5 | | 1 | | |
| | Emerald | X Wickson | | 218 | 5 | | 2 | | |
| | Emerald | X Climax | | 83 | 5 | | 4 | | |
| 11 | Xaga | X Sapa | | 130 | 3 | 5 | 21 | | |
| | Xaga | X No 1. BxW. | | 530 | 3 | 8 | 155 | | |
| | Xaga | X No 6. BxW | | 422 | 3 | 14 | 108 | | |
| | Xaga | X Pr. Tomentosa | | 298 | 3 | 4 | 27 | | |
| | Xaga | X S.C. Famosa | | 185 | 3 | 11 | 54 | | |
| | Xaga | X FXW mixed | | 156 | 3 | 7 | 54 | | |
| 108 | Climax | X Native Plum | | 12. | 5 | | 2 | | |
| 110 | No. 50 Hybrid | X Xaga | | 135 | 5 | 3 | 12 | | |
| 111 | M. 5-1-5 | X Pr. Tomentosa | | 480 | 5 | | 4 | | |
| | | | | 3783 | | | 523 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

| Series or Breeding Record No. | Fruit | PARENTS | Staminate ♂ | Project | | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|------------------|-------------|-------------|------------|-----------|---------|-----|------------------|
| | | | | No fl. | Date | | Set | Row | |
| | Pistillate ♀ | | | Emasculated | Pollinated | | | | |
| 167 | No 12. (BxW) | X Kaga | | 745 | Feb 5 | 5 | 23 | | |
| | No 12. | X No 21 | | 206 | 5 | | 1 | | |
| | No 12. | X Pr. Tomentosa | | 198 | 5 | 0 | 0 | | 0 |
| | No 12 | X No 6 | | 398 | 5 | | 2 | | |
| | No 12 | X Sapa | | 438 | 5 | 0 | 0 | | 0 |
| | No 12 | X s.e. x Satsuma | | 446 | 5 | 0 | 0 | | 0 |
| | No 12. | X No 5. (BxW) | | 210 | 5 | 0 | 0 | | 0 |
| | No 12. | X FxW. mixed | | 361 | 5 | 2 | 3 | | |
| | No 12. | X No 9. (BxW.) | | 156 | 5 | 0 | 0 | | 0 |
| 162. | Sapa | X Burbank | | 194 | 5 | 27 | 39 | | |
| | Sapa | X Pr. Tomentosa | | 490 | 5 | 17 | 119 | | |
| | Sapa | X Kaga | | 332. | 5 | 111 | 146 | | |
| 170 | BxW. No 9 | X Kaga | | 149 | 6 | 47 | 38 | | |
| | BxW. No 9 | X BxW. No 12. | | 90 | 6 | 0 | 0 | | 0 |
| 168 | BxW. No 5 | X FxW. mixed | | 183. | 6 | | 0 | | |
| | BxW. No 5 | X Kaga | | 446 | 6 | 4 | 15 | | |
| | BxW. No 5 | X No 21 | | 184 | 6 | | 0 | | |
| | BxW. No 5 | X No 6 | | 170 | 6 | | 0 | | |
| | | | | 5396 | | | 386 | | |

x next page.

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | No. Flowers Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---------------|-----------------|------------------|------------------------------------|--------------------|-----------|-----------|-----|------------------|
| | | | | | | | No. fruit | Row | |
| 5-7-15 | 37 | S.C. x Satsuma | x Pv. Tomentosa | 442 | Feb 6. | 0 | 0 | | 0 |
| | 37 | 145X | x Pv. Tomentosa | 831 | 6 | | 20 | | |
| | | 145X | x S.C. x Satsuma | 156 | 6 | 1 | 2 | | |
| | | 145X | x S.C. x Formosa | 209 | 6 | | 4 | | |
| | | 62 | Wahapa | x Pv. Tomentosa | 21 | 6 | 0 | 0 | |
| 5-6-24 | 21 | S.C. x F. priot | x Pv. Tomentosa | 165 | 6 | 0 | 1 | | 0 |
| | 28 | Bxw No 5 | x Wickson | 47 | 8 | 0 | 0 | | 0 |
| | 69 | Wickson | x Faga | 267 | 7 | 0 | 0 | | 0 |
| | | Wickson | x Native Plum | 196 | 7 | 0 | 0 | | 0 |
| | | Wickson | x Bxw. No. 6. | 185 | 7 | 0 | 0 | | 0 |
| | | Wickson | x Bxw. No 21 | 210 | 7 | 0 | 0 | | 0 |
| | | Wickson | x S.C. x Formosa | 131 | 7 | 0 | 1 | | 0 |
| | 16 | W. (Frustran) | x Wickson | 3 | 9 | 0 | 0 | | 0 |
| | 77 | S. Rosa | x Native Plum | 30 | 9 | | 3 | | |
| | 77 | Pv. Simoni | x Faga | 55 | 11 | 1 | 19 | | |
| | | Pv. Simoni | x Native Plum | 25 | 11 | 0 | 7 | | 0 |
| | | Pv. Simoni | x No 21 (Bxw.) | 56 | 11 | 0 | 16 | | 0 |
| | | Pv. Simoni | x No 6. (Bxw) | 40 | 11 | 0 | 9 | | 0 |
| | | | 3069 | | | | 82 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Project | | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|----------------------|----------------|-------------|---------------------------|-----------------|-----------|---------|-----|------------------|
| | | | | No. ♀ Date Emasculated | Date Pollinated | | Set | Row | |
| 105 | Zumbra Cherry | × P. Tomentosa | | 101 | Feb 11 | 0 | 0 | 0 | |
| | Zumbra Cherry | × Yaga | | 42 | 11 | 0 | 0 | 0 | |
| | Zumbra Cherry | × S.E. Formosa | | 53 | 11 | 0 | 0 | 0 | |
| 107 | Yellow Egg | × No 21. Bxw. | | 40 | 11 | 0 | 0 | 0 | |
| 109 | Bxw. No 10 | × Yaga | | 369 | 13 | 4 | 5 | | |
| | Bxw No 10 | × Bxw. No 5 | | 220 | 13 | 1 | 2 | | |
| | Bxw. No 10 | × Bxw. No 31 | | 283 | 13 | | 4 | | |
| | Bxw No 10 | × Bxw. No 6 | | 100 | 13 | 0 | 0 | 0 | |
| | Bxw No 10 | × Wickson | | 69 | 13 | | 1 | | |
| | Bxw No 10 | × Bxw No 12. | | 84 | 13 | 1 | 1 | | |
| | Bxw. No 10 | × St. Rosa | | 32 | 13 | 0 | 0 | 0 | |
| | Bxw No 10 | × No 35 | | 195 | 13 | | 3 | | |
| 123 | H. 5-2-40 | × P. Tomentosa | | 202 | 13 | 3 | 7 | | |
| 182 | No 50 Hybrid | × P. Simoni | | 4 | 13 | 0 | 0 | 0 | |
| 187 | S.E. Climax | × S.E. Formosa | | 580 | 14 | 34 | 38 | | |
| 102 | Frimiton | × Yellow Egg. | | 28 | 15 | 10 | 0 | 0 | |
| 188 | 4-3-47-90 | | | | | | 0 | | |
| 188 | 5-8-48-47 | × Yellow Egg. | | 19 | 15 | | 2 | | |
| | | | | 24 | 21 | | 63 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

| Series or Breeding Record No. | Fruit | PARENTS | Project | | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|-------|-----------------------------|-------------|--------------------------|-----------------|-----------|---------|-----|------------------|
| | | | Staminate ♂ | No. Fl. Date Emasculated | | | Plot | Row | |
| 176 | | No 35 X Kaga | | 248 | Feb 13. | 17 | 90 | | |
| | | No 35 X No 21 | | 70 | 13 | | 1 | | |
| | | No 35 X No 5 | | 88 | 13. | 2 | 2 | | |
| | | No 35 X No 6 | | 426 | 13. | | 14 | | |
| | | No 35 X No 12. | | 340 | 13. | 3 | 6 | | |
| 165 | | Winnipeg X Yellow Egg. | | 200 | 15 | 0 | 0 | | 0 |
| | | Winnipeg X Burbank | | 105 | 15 | 0 | 0 | | 0 |
| 178 | | 9-3-87-90 X Pr. Simoni | | 163 | 15 | 8 | 16 | | |
| | | 9-3-87-90 X No 5 | | 220 | 15 | 3 | 5 | | |
| | | 9-3-87-90 X Wisconsin | | 154 | 15 | 13 | 20 | | |
| | | 9-3-87-90 X Burbank | | 115 | 15 | 3 | 10 | | |
| | | 9-3-87-90 X St. Rosa | | 104 | 15 | 11 | 15 | | |
| 54 | | Bxw No 9 X Bxw No 6 | | 105 | 15 | 0 | 0 | | 0 |
| | | Bxw. No 9 X Bxw. No 10 | | 78 | 15 | 0 | 0 | | 0 |
| | | Bxw. No 9 X Bxw. Yellow Egg | | 129 | 15 | | 1 | | |
| | | Bxw. No 9 X No 35 | | 321 | 15 | | 3 | | |
| | | Bxw. No 9 X Bxw. No 5 | | 135 | 15 | 0 | 0 | | 0 |
| | | Bxw. No 9 X Bxw. No 21 | | 173 | 15 | 0 | 0 | | 0 |
| | | | | 3176 | | | 133 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

| Fruit | | Project | | | | | | | |
|-------------------------------|---------------|---------------------------|-------------|-------------------------|-----------------|-----------|---------|-----|------------------|
| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | No. of Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
| | | | | | | | Plot | Row | |
| 77 | W. Frustrum | x Pv. Simoni | | 4 | Feb. 15 | 0 | 0 | | 0 |
| 80 | Mont. Stars | x Zumbra Cherry | | 810 | 17 | 27 | 42 | | |
| 81 | Eng. Moullo | x Pv. Tomentosa | | 674 | 17 | 28 | 31 | | |
| 85 | S. C. | x Apricot x Pv. Tomentosa | | 377 | 17 | | 10 | | |
| 175 | Unknown | Se. x Pv. Tomentosa | | 488 | 17 | 0 | 0 | | 0 |
| | Unknown | Se. x x Se. x Formosa | | 307 | 17 | 0 | 0 | | 0 |
| | Unknown | Se. x x Se. x Satsuma | | 425 | 17 | 1 | 4 | | |
| | Unknown | Se. x x Se. x Climax | | 460 | 17 | | 2 | | |
| 175 | S. C. | x Burbank | | 117 | 18 | 23 | 33 | | |
| | Se. | x Pv. Tomentosa | | 237 | 18 | 20 | 80 | | |
| | S. C. | x Pv. Simoni | | 250 | 18 | 93 | 100 | | |
| | Se. | x Kaga | | 81 | 18 | 34 | 34 | | |
| 106 | Zumbra Cherry | x Mission Cherry | | 366 | 18 | | 6 | | |
| 98 | Wickson | x Native Plum | | 98 | 23 | 0 | 0 | | 0 |
| | Wickson | x Winnipeg | | 64 | 23 | | 1 | | |
| | Wickson | x 9-3-87-90 | | 90 | 23 | | 1 | | |
| | Wickson | x No. 35 | | 124 | 23 | 1 | 8 | | |
| 150 | Surprise | x Burbank | | 26 | 23 | 0 | 0 | | 0 |

4998

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | No. of Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---------------|---------------------|-------------|-------------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 186 | Assiniboia | x St. Rosa | | | 6 Feb 26 | 0 | 0 | | 0 |
| 25 | Bxw. No 9 | x Bxw. No 5. | | 126 | Feb 25 | | 5 | | |
| | Bxw. No 9 | x Bxw. No 12. | | 137 | Feb 25 | | 1 | | |
| 131 | Bxw. No 5. | x Stella Plumcot. | | 68 | 25 | 0 | 0 | | 0 |
| | Bxw. No 5 | x No 30. (F x w.) | | 151 | 25 | 2 | 2 | | 0 |
| | Bxw. No 5 | x Yellow Egg. | | 121 | 25 | 0 | 0 | | 0 |
| | Bxw. No 5 | x Bxw. No 12. | | 215 | 25 | | 2 | | |
| | Bxw. No 5 | x Bxw. No 10 | | 330 | 25 | | 4 | | |
| 22 | No 91 | x Bxw. No 21. | | 96 | 24 | 0 | 0 | | 0 |
| 179 | Bxw No 12 | x No 109. | | 79 | 23. | | 109 | | |
| | Bxw No 12 | x No 35 | | 241 | 23 | 17 | 54 | | |
| | Bxw. No 12 | x Bxw. No 21 | | 94 | 23 | | 6 | | |
| | Bxw. No 12 | x No 30. (F x w.) | | 70 | 23 | | 6 | | |
| | Bxw. No 12 | x Stella x Plumcot. | | 55 | 23. | 1 | 12. | | |
| 187 | Bxw. No 8. | x Bxw. No 5 | | 116 | 23. | 4 | 15 | | |
| | Bxw. No 8 | x Bxw. No 12. | | 194 | 23. | 2. | 3 | | |
| 196 | Zumbra Cherry | x Cherry? (Jul 89) | | 273. | 27 | 0 | 0 | | |
| 189 | Cherry | x Zumbra Cherry | | 189 | 28 | 18 | 24 | | |
| | | | | 256 | | | 15-3 | | |

The University of Minnesota
Experiment Station

33.093

EEX

FRUIT BREEDING RECORD

Fruit Plums 1931

Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|-----------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 193. | Sand Cherry | X P. Simoni | | 316 | Feb 26 | | 3. | | |
| | Sand Cherry | X Wickson | | 425 | 26 | 0 | 0 | | 0 |
| | Sand Cherry | X Burbank | | 215 | 26. | 0 | 0 | | 0 |
| 54. | Compas | X Stama X Sapa | | 194 | 24 | 0 | 0 | | 0 |
| | Compas | X Stama X 75-2-0. | | 258 | 26 | | 1 | | |
| 29 | Bxw. No 12 | X No 35 | | 254 | 23 | 0 | 4 | | |
| | Bxw. No 12 | X 42 No 8. | | 277 | 23 | 0 | 0 | | 0. |
| 58. | Stella | X Bxw. No 12. | | 227 | 26 | 1 | 1 | | |
| | Stella | X Bxw. No 5 | | 160 | 26 | 0 | 0 | | 0 |
| | Stella | X Bxw. No 6 | | 195 | 24 | 0 | 0 | | 0 |
| | Stella | X Bxw. 35 | | 207 | 26 | | 7 | | |
| | Stella | X No 30 | | 130 | 24 | 0 | 0 | | 0 |
| 100. | Bxw. No 12 | X Bxw. No 5 | | 140 | 24 | 4 | 9 | | |
| | Bxw. No 12 | X Surprise. | | 130 | 24 | | 21 | | |
| | Bxw. No 12 | X Bxw. No 21 | | 40 | 24 | 0 | 0 | | 0 |
| | Bxw. No 12 | X No 35 | | 120 | 24 | 1 | 12. | | |
| 27 | S. C. Large | X Cherry (Jan 189) | | 125 | 28 | | 2. | | |
| 172. | Dryhouse | X Mission Cherry. | | 114 | Mar 1 | 0 | 0 | | 0 |

25 07

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

| Series or Breeding Record No. | Fruit Pistillate ♀ | PARENTS | Staminate ♂ | Project | | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|-----------------------|--------------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | Date Emasculated | Date Pollinated | | Sept | Row | |
| 170 | Emerald | B. x W. No 5 | | 498 | Feb 27 | | 15 | | |
| | Emerald | B. x W. No 21 | | 167 | 24 | 0 | 0 | | 0 |
| | Emerald | No 35 | | 189 | 24 | 7 | 11 | | |
| 183 | Compass | Apricot Selfed | | 56 | 26. | | 0 | | |
| | Compass | Apricot x S.E. x Apricot | | 65 | 26. | | 0 | | |
| | Compass | Apricot x Sand Cherry | | 239 | 26. | | 0 | | |
| | Compass | Apricot x No 5 | | 224 | 26. | | 0 | | |
| | Compass | Apricot x Kaga | | 241 | 26. | | 0 | | |
| | Compass | Apricot x W. Simpson | | 287 | 26. | | 0 | | |
| 98 | S.E. Hybrid | x S.E. x Satsuma | | 177 | 15 | | 6 | | |
| | S.E. Hybrid | x Kaga | | 246 | 15 | 0 | 0 | | 0 |
| | S.E. Hybrid | x P. Tomentosa | | 187 | 15 | 1 | 14 | | |
| | S.E. Hybrid | x S.E. x Formosa | | 416 | 15 | 13 | 29 | | |
| | S.E. Hybrid | x S.E. x Climax | | 228 | 15 | 41 | 76 | | |
| 16 | B. x W. Mixed | x No 21 | | 130 | 15 | 0 | 0 | | 0 |
| 45-1-52 | B. x W. Mixed | x No 12 | | 211 | 15 | 0 | 0 | | 0 |
| | B. x W. Mixed | x No 5 | | 186 | 15 | 0 | 0 | | 0 |
| 201 | Osimitoin | x Wickson | | 20 | Mar 10. | | 0 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

| Fruit | | Project | | | | NURSERY | | Number Seedlings |
|-------------------------------|-----------------------|-----------------------|-------------|------------------|-----------------|-----------|------|------------------|
| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | No. fl. | | No. Seeds | Plot | |
| | | | | Date Emasculated | Date Pollinated | | | |
| 194. | Bxw. Sdlg. | Wickson | | 381 | Mar 10. | 6 | 41 | |
| 5-5-1-48. | Bxw. Sdlg. | Burbank. | | 211 | Mar 10. | 13 | 14 | |
| 204. | Wickson | No 85 | | 55 | 10. | | 5 | |
| | Wickson | No 118 | | 29 | 10. | | 0 | |
| | Wickson | No 58 | | 64 | 10. | | 3 | |
| | Wickson | No 59 | | 82 | 10. | | 2 | |
| | Wickson | Bxw. No 21 | | 76 | 10. | | 5 | |
| | Wickson | Bxw. Sdlg. 5-5-1-48 | | 311 | 10. | | 17 | |
| 207. | Climax | Xaga | | 3 | 11 | 0 | 0 | 0 |
| 700 | Bxw. No 21 | X Bxw. Sdlg. 5-5-1-48 | | 460 | 11 | 98 | 137 | |
| | Bxw. No 21 | X No 118 | | 244 | 11 | 6 | 40 | |
| 77. | Burbank | X Xaga | | 640 | 11 | 116 | 156 | |
| 86. | Stella | X Bxw. Sdlg. 5-5-1-48 | | 179 | 11 | 28 | 43 | |
| 26. | Emerald | X Bxw. No 21 | | 570 | 11 | | 82 | |
| 205 | Bxw. No 6 | X No 103. | | 10 | 11 | | | |
| 132. | Xaga | X Burbank | | 389 | 11 | 45 | 73 | |
| 75. | Bxw. No 9 | X Wickson | | 305 | 11 | | | |
| | Bxw. No 9 | X Bxw. No 21 | | 210 | 11 | | | |
| | | | | 3160 | | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | No. Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|----------------|-------------------|-----------------|----------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 44 | No 91 | x Kaga | | 75 | Mar 11 | 2 | 3 | | |
| | No 91 | x No 59 | | 32 | 11 | 0 | 8 | | 0 |
| | No 91 | No 85 | | 71 | 11. | 0 | 1 | | |
| 136 | Se. x climax | x Pv. Tomentosa | | 160 | 11 | 0 | 0 | | 0 |
| 5-5-17 | Se. x climax | x Burbank. | | 316 | 11 | 37 | 54 | | |
| 193 | Bing | x Se. x climax | | 293 | 14. | 0 | 0 | | 0 |
| 60 | Se. x climax | x Bing. | | 203 | 14 | 0 | 0 | | 0 |
| 67 | Fx. 5-2-40 | x Pv. Tomentosa | | 212. | 13. | 14 | 16 | | |
| | Fx 5-2-40 | x Mission Cherry. | | 162. | 13 | 7 | 32. | | |
| (983-) | 63 | Se. x climax | x Burbank | 955 | 13 | 206 | 306 | | |
| | 58 | Wakapa | x Burbank. | 636 | 12. | 52 | 75 | | |
| | | Wakapa | x Wickson | 106 | 12. | 16 | 18 | | |
| | | Wakapa | x B. x w. No 5 | 196. | 12. | 13 | 16 | | |
| | 31 | B. x w. No 9 | x B. x w. No 21 | 356 | 13 | | | | |
| | 197 | Wakapa | x Burbank. | 408 | 12. | | 2 | | |
| | 104 | 5-6-165 | x Pv. Tomentosa | 330 | 13. | | | | |
| | 798 | B. x w. No 6 | x B. x w. No 21 | 473. | 15 | 61 | 96 | | |
| | 106 | Hassintson | x Wickson | 13 | 15 | | | | |
| | | | | 4967 | | | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | No. H. Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---------------|----------------------|-------------|-------------------------------|--------------------|--------------|---------|-----|---------------------|
| | | | | | | | Plot | Row | |
| 70 | Wickson | X Surprise | | 37 | Mar 15 | | 29 | | |
| | Wickson | X Wakapa | | 389 | 15 | 5 | 66 | | |
| | Wickson | X Assiniboia | | 85 | 15 | | 30 | | |
| | Wickson | X Terrie | | 87 | 15 | | 19 | | |
| 17 | Bxw. No 12. | X No 21 | | 78 | 15 | | 1 | | |
| | Bxw. No 12 | X Surprise | | 126 | 15 | | 4 | | |
| | Bxw. No 12 | X Bxw. Sdlg 5-5-1-49 | | 57 | 15 | | 4 | | |
| 195 | Bxw. No 12 | X Surprise | | 41 | 15 | 2. | 2 | | |
| 209 | Surprise | X Wickson | | 167 | 15 | | 1 | | |
| 221 | 5-6-106-110 | X Cherry | | 142. | 15 | 0 | 0 | | 0 |
| | 5-6-106-110 | X No 21 | | 311 | 15 | 47 | 65 | | |
| 52 | Se. X Apriest | X Bing | | 316 | | | | | |
| | Se. X Apriest | X No 21 | | 341 | 15 | | | | |
| 208 | Mont. Starh | X Se. X Climax | | 389 | 12-15 | | 38 | | 23. |
| 911 | B. X W. No 5 | X Kaga | | 254 | Mar 19 | 2 | 7 | | |
| 47 | Assiniboia | X Yellow Egg. | | 3. | 16 | | | | |
| 90 | Terrie | X Yellow. Egg. | | 4 | 17 | | | | |
| 107 | Se. X Apriest | X Cherry | | 5 | 20 | | | | |
| | | | | 3372 | | | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | no fl. Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|------------------------------|-------------|----------------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 201 | | Bxw No 21 X No 85 | | 131 | 14 | | 1 | | |
| | | Bxw No 21 X No 109 | | 26 | 14 | 0 | 0 | | 0 |
| | | Bxw No 21 X No 118 | | 63 | 14 | 2 | 11 | | |
| | | Bxw No 21 X No 104 | | 74 | 14 | 7 | 10 | | |
| | | Bxw No 21 X No 60 | | 34 | 14 | 0 | 0 | | 0 |
| | | Bxw No 21 X S.C. X Climax | | 53 | 14 | 0 | 0 | | 0 |
| | | Bxw No 21 X Bxw Sdg 5-5-1-49 | | 383. | 14 | 39 | 47 | | |
| | | Bxw No 21 X Wapapa | | 1832. | 14 | 4 | 7 | | |
| 202 | | Yellow Egg X Surprise | | 66 | 15 | 0 | 0 | | 0 |
| | | Yellow Egg X Ferris | | 41 | 15 | 0 | 0 | | 0 |
| | | Yellow Egg X No 21 | | 44 | 15 | 0 | 0 | | 0 |
| | | Yellow Egg X Wapapa | | 69 | 15 | 0 | 0 | | 0 |
| 115 | | Burbank X Kaga | | 379 | 15 | 48 | 124 | | |
| | | Burbank X Wapapa | | 348 | 15 | 19 | 68 | | |
| 203 | | Burbank X Ferris | | 80 | 15 | | 8 | | |
| 220 | | Bxw No 6 X Assiniboine | | 196. | 19 | 36 | 44 | | |
| 216 | | Assiniboine X Wickson | | 132. | 20 | | | | |
| | | Assiniboine X Yellow Egg | | 7 | 20 | | | | |
| | | | | 395-8 | | | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

| Fruit | | Project | | | | NURSERY | | Number Seedlings |
|-------------------------------|-----------------------------|---------|-------------|----------------------|-----------------|-----------|----------------|--------------------|
| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | No. Date Emasculated | Date Pollinated | No. Seeds | Plot | |
| | | | | | | | 700 | Burbank X Winnipeg |
| | Burbank X 109 | | | 132 | 23 | 0 | 2 | |
| | Burbank X Native Plum | | | 201 | 23 | 3 | 6 | |
| | Burbank X No 35 | | | 307 | 23 | 69 | 63 | |
| 95 | Wakapa X Wickson | | | 920 | Mar 20 | | 92 | |
| | Wakapa X B x W. No 12 | | | 471 | 20 | 5 | 13 | |
| | Wakapa X Burbank | | | 228 | 20 | 22 | 25 | |
| | Wakapa X Yellow Egg | | | 178 | 20 | 2 | 13 | |
| 10 | B. x W. No 5 X Asenibom | | | 139 | 18 | 1 | 1 | |
| | B x W. No 5 X Wakapa | | | 546 | 18 | 1 | 1 | |
| 312 | X Wakapa | | | 315 | 21 | 4 | 11 | |
| 219 | B. x W. No 6 X B. x W. No 7 | | | 8 | 18 | | | |
| 199 | Terrie X Wickson | | | 31 | 16 | | | |
| 157 | 9-1-31-46 X Burbank | | | 305 | 19 | | 49 | |
| | 9-1-31-46 X Wickson | | | 309 | 19 | 57 | 62 | |
| | 9-1-31-46 X Yellow Egg | | | 137 | 19 | 11 | 37 | |
| 8 | No 91 X No 12 | | | 427 | 19 | 20 | 20 | |
| 9 | S.C. X Climax X Opata | | | 261 | 21 | 33 | 58 | |
| | | | | 5225 | | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | No. of Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|------------------------------|-------------|-------------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 70 | | Eng. Moulto x S.C. x Climax | | 150. | Mar 15 | 2 | 4 | 8 | |
| 71 | | Mont. Stark. x S.C. x Climax | | 363 | 21 | 8 | | 15 | |
| 72 | | Bxw. #2. x Wickson | | 686. | 17 | 6 | | 8 | |
| | | Bxw. #2. x Wakapa | | 186. | 17 | 5 | | 14 | |
| 5-6-24. 89 | | S.C. x Apricot x Opata | | 26. | 21 | | | 2 | |
| 107 | | Zumbra Cherry x Opata | | 33 | 21 | | | 1 | |
| 55 | | Bxw. #2. x Kaga | | 213. | 17 | 33 | | 44 | |
| | | Bxw. No. 2. x Yellow Egg. | | 358 | 17 | 23 | | 97 | |
| | | Bxw. No. 2. x Bxw. No. 12. | | 208 | 17 | | | 12. | |
| 77 | | Bxw. No. 12. x Bxw. No. 5. | | 363 | 20. | 3 | | 36 | |
| | | Bxw. No. 12. x Assiniboin | | 290. | 20. | 3 | | 58 | |
| 75 | | Winnipeg x Yellow Egg. | | 28 | 17. | | | | |
| 78 | | Kaga x Yellow Egg. | | 15- | 19 | | | | |
| 103 | | Cherry x S.C. x Apricot | | 66 | 16 | 23 | | 35 | |
| | | Cherry x S.C. x Climax | | 216. | 16 | 32 | | 42. | |
| 108 | | Kaga x Wickson | | 185 | 16 | 19 | | 42. | |
| 110 | | 5-8-106-110 x Yellow Egg | | 295 | 17 | 18 | | 136 | |
| | | 5-6-106-110 x Wickson | | 94 | 17 | 52 | | 24 | |
| | | | | 37 | 25 | | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|----------------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 223 | | Opata x Cherry | | 305 | Mar 18 | 4 | 8 | | |
| | | Opata x Bing | | 230 | 18 | | 3 | | |
| | | Opata x Yellow Egg | | 136 | 18 | 14 | 40 | | |
| | | Opata x Bxw # 6 | | 405 | 18 | 1 | 6 | | |
| | | Opata x Wickson | | 320 | 18 | 137 | 742 | | |
| | | Opata x Bxw # 21 | | 135 | 18 | 4 | 7 | | |
| | | Opata x Burbank | | 276 | 18 | 51 | 53 | | |
| 57 | | 5-6-102 x Yellow Egg | | 302 | 17 | | 13 | | |
| | | 5-6-102 x Burbank | | 431 | 17 | 12 | 23 | | |
| | | 5-6-102 x Wickson | | 278 | 17 | 4 | 9 | | |
| 7 | | S.L. x Satsuma x No 21 | | 241 | 17 | | 13 | | |
| 5-7-15 | | S.L. x Satsuma x Cherry | | 296 | 17 | 0 | 0 | | 0 |
| 148 | | 5-6-11-22 x Burbank | | 128 | 17 | 12 | 31 | | |
| | | 5-6-11-22 x Wickson | | 352 | 17 | 34 | 136 | | |
| | | 5-6-11-22 x Yellow Egg | | 141 | 17 | 4 | 53 | | |
| 65 | | S.L. x apricot x Cherry | | 10 | 17 | 0 | 0 | | 0 |
| 5-5-97 | | 243. S.L. x Maxim x Cherry | | 189 | 18 | | 1 | | |
| | | 224. Loni x Kaga | | | 19 | | 1 | | |

41 81

The University of Minnesota
Experiment Station

71.108

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|-----------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 412 | Bxw. #8 | x Wickson | | 260 | Mar 18 | 31 | 36 | | |
| 130 | Sl. x climax | x Sl. x apricot | | 149 | 19 | 5 | 26 | | |
| 5-5-83 | Sl. x climax | x Chung | | 260 | 19 | 0 | 0 | | 0 |
| 222 | Asimbom | x Yellow Egg | | 7 | 19 | 0 | 0 | | 0 |
| | Asimbom | x Yaga | | 31 | 19 | 1 | 1 | | |
| 126 | Emerald | x Bxw. #5 | | 188 | 19 | | 1 | | |
| | Emerald | x Bxw. #21 | | 950 | 19 | | 39 | | |
| 75 | Sl. x climax | x Chung | | 510 | 17 | | 5 | | |
| | Sl. x climax | x Bing | | 213 | 17 | | 3 | | |
| 5-5-88 | Sl. x climax | x Curry | | 620 | 17 | | | | |
| 5-5-83 | Sl. x climax | x Wickson | | 232 | 18 | 44 | 57 | | |
| | Sl. x climax | x Yellow Egg | | 152 | 18 | 3 | 14 | | |
| | Sl. x climax | x Burbank | | 71 | 18 | 5 | 8 | | |
| 61 | Bxw. No 5 | x Bxw. No 12 | | 430 | 21 | | | | |
| 224 | Bxw. No 12 | x Bxw. No 6 | | 70 | 19 | | 1 # | | |
| | Bxw. No 12 | x Yaga | | 123 | 19 | 6 | 14 | | |
| 223 | Bxw. No 12 | x Wakapa | | 359 | 18 | 4 | 6 | | |
| 51 | Bxw. #18 | x Bxw. #21 | | 473 | 18 | | 56 | | 39? |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

| Fruit | | Project | | | | | | | |
|-------------------------------|-----------------------|---------------------------------------|-------------|-----------------------------|-----------------|-----------|---------|-----|------------------|
| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | No. fl. Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
| | | | | | | | Plot | Row | |
| 213. | Assiniboia | x Wickson | | 190 | Mar 22. | | | 1 | |
| 218. | Sapa | x Wickson | | 140 | 22. | | | 30 | |
| 216. | Bxw. #5 | x Wakapa | | 340 | 22. | 1 | | 6 | |
| | | Bxw. #5 x Surprise | | 317 | 22. | 6 | | 16 | |
| 217. | Bxw. mixed | x Wickson | | 205 | 22. | | | | |
| 43-1-52. | Bxw. mixed | x Bxw. #5 | | 520. | 22. | | | 13 | |
| 214. | Wakapa | x ^{Plumier} Bxw. #5 | | 479 | 22. | 2. | | 4 | |
| 210. | d. 5-4-53 | x Opata | | 450 | 22. | | | 8 | |
| 55-83 | 215. | F. 5-4-55 x S.L. x Linax | | 600 | 22. | | | 21 | |
| 5-6-24 | 215. | S.L. x Opata x Bxw. #12. | | 375 | 22. | | | 22. | |
| | 191 | Compas x Metairie x S.L. x Apricot | | 574 | 11 | 0 | | 0 | |
| | 220. | Sapa x Bxw. #12. | | 525- | Apr 4 | 43 | | 67 | |
| | 214. | S.L. x Apricot. x Burbank. | | 195- | 4 | 28 | | 62. | |
| | 228. | Bxw. #1 x Bxw. #12. | | 34 | 4 | 0 | | 0 | 0 |
| | 226. | Bxw. #8 x Bxw. #12. | | 30. | 4 | 1 | | 3 | 0 |
| | 218. | No 91 x Bxw. #12. | | 95 | 4 | 5 | | 9 | |
| | 227. | Native Plum x Burbank. | | 155 | 4 | | | 2 | |
| 157 | 215. | Winnipeg x Burbank | | 110. | 4 | 0 | | 0 | 0 |

5-11-4

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit _____

Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|--------------------------------|-------------|------------------|-----------------|-----------|---------------|-----|------------------|
| | | | | | | | No. Set. Plot | Row | |
| 103 | | Winnipeg x Burbank | | 96. | Apr 4 | 0 | 0 | 0 | |
| 72 | | Winnipeg x Burbank | | 22. | 6. | 0 | 0 | 0 | |
| 118 | | Bxw. #1 x Native | | 300. | 6. | 1 | 2 | | |
| 117 | | Bxw. #12 x Native | | 295 | 6 | | 43 | | |
| | | Bxw. #12 x Burbank. | | 675- | 6 | 6 | 16. | | |
| | | Bxw. #12 x Surprise | | 225- | 6 | 4 | 12 | | |
| 36 | | Compass x H. priest x Bxw. #1 | | 48. | 4 | | | | |
| | | Compass x H. priest x Winnipeg | | 75- | 4 | | | | |
| 76 | | Burbank x Winnipeg | | 170. | 4 | 6 | 76 | | |
| | | Burbank x Native | | 140. | 4 | 8 | 86 | | |
| 225 | | Surprise x Climax | | 12. | 4 | 0 | 0 | | 0 |
| 229 | | St. Rosa x Bxw. #12. | | 11 | 4 | 1 | 3 | | |
| 16 | | 50 Hybrid x F. Simsboui | | 195- | 6 | 2 | 3 | | |
| | | 50 Hybrid x Bxw. #1 | | 175- | 6 | 7 | 9 | | |
| 10 | | No 91 x Bxw. #1. | | 180. | 7 | 10 | 16 | | |
| 93. | | 15-4-23 x Opeta | | 206 | Mar 27 | 34 | 77 | | |
| 217. | | Zumbra x S.C. x Climax | | | " 27 | 77 | 101 | | |
| | | 78. 771. flowers pollinated | | | | | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

E. C. C.

Fruit

Apples 1921

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | | Number Seedlings |
|-------------------------------|--------------|-----------------------------|-------------|------------------|-----------------|-----------|---------|-----|-----|------------------|
| | | | | | | | Plump | Not | Row | |
| 106. | | Duchess x Delicious | | 9 | Apr 1 | 16 | 1 | 0 | 2 | |
| 52. | | Jonathan x P. Greening | | 356 | 2 | 65 | 34 | 5 | 10 | |
| 40. | | Black Ben x Duchess | | 78 | 1 | 19 | 15 | 12 | 4 | |
| 118. | | King David x Duchess | | 64 | 1 | 20 | 7 | 0 | 3 | |
| 61. | | Sil. Winthrop x P. Greening | | 320 | 2 | 18 | 5 | 5 | 4 | |
| 134. | | Wealthy x Wilson Red June | | 4 | 3 | | 1 | | | |
| 184. | | Hibernal x Delicious | | 6 | 3 | | 1 | | | |
| 109. | | Delicious x Charlansoff | | 287 | 3 | 49 | 18 | 18 | 8 | |
| 100. | | Delicious x Charlansoff | | 150 | 3 | 74 | 29 | 18 | 12 | |
| 50. | | King David x Tree 81 | | 10 | 4 | 30 | 1 | 1 | 4 | |
| 188. | | Wilson Red June x Duchess | | 110 | 4 | 5 | 25 | 7 | 4 | |
| 48. | | Delicious x Duchess | | 75 | 4 | | 1 | | | |
| 150. | | Unknown x University | | 95 | 4 | 45 | 8 | 5 | 8 | |
| 81. | | Unknown x Grimes Golden | | 35 | 4 | | 3 | | | |
| 78. | | Delicious x P. Greening | | 125 | 4 | 104 | 18 | 6 | 15 | |
| 192. | | P. Greening x Delicious | | 75 | Mar 30 | 51 | 21 | 5 | 9 | |
| 115. | | Okahena x Wilson Red June | | 45 | Apr. 2 | 65 | 17 | 7 | 8 | |
| 187. | | Unknown x Stay Winthrop | | 50 | 4 | 34 | 15 | 6 | 8 | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---------------|---------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 12. | King David | x Wealthy | | 145 | Apr 4 | 113 | 49 | 8 | 19 |
| 105 | Wealthy | x Mil. Winnap | | 26 | 4 | 0 | 0 | | 0 |
| 113. | P. Greening | x Delicious | | 16 | 4 | | 4 | | |
| 197 | Duchess | x Jonathon | | 22 | 4 | | 12. | | |
| 68 | Charlamoff | x Jonathon | | 14 | 4 | | 9 | | |
| 165 | University | x Delicious | | 48 | 4 | | | | |
| 198 | Jonathon | x Charlamoff | | 92. | 4 | 77 | 24 | 7 | 14 |
| 25. | Grimes Golden | x Duchess | | 350 | 4 | 130 | 62. | 13 | 34 |
| 44 | Stay Winnap | x Duchess | | 140 | Mar 30 | 36 | | 14 | 9 |
| 177 | Charlamoff | x Delicious | | 188 | Apr 4 | 83 | 39 | 6 | 13 |
| 124 | Rome Beauty | x Duchess | | 25 | 5 | | | | |
| 133. | Ed. Orange | x Okakina | | 30 | 5 | 25 | 5 | 2. | 4 |
| 167 | Jonathon | x Duchess | | 46 | 5 | 3 | 8 | 1 | 1. |
| 128. | Erlyn | x Jonathon | | 4 | 5 | 4 | 1 | | |
| 176. | Jonathon | x Charlamoff | | 6. | 5 | | 1 | | |
| 67 | Banana | x Charlamoff | | 135- | 5 | 25 | 23 | 1. | 3 |
| 196. | Jonathon | x Duchess | | 70. | 1 | 7 | 6 | 0 | 2 |
| X | Lady Apple | x University | | 145 | 6 | 223 | 23 | 6 | 39 |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | | Number Seedlings |
|-------------------------------|--------------|---------------------------------|-------------|------------------|-----------------|-----------|---------|---------|-----|------------------|
| | | | | | | | Pump. | No. St. | Row | |
| 7 | | King David x University | | 165 | Apr. 6 | 168 | 27 | 75 | 35 | |
| 170 | | Duchess x Jonathan | | 174 | 6. | 22. | 22. | 2. | 0 | |
| 43 | | M.W. Greening x Watson Red June | | 76. | 6. | 12 | 2. | 0 | 2 | |
| 78 | | Wolf River x Lady Apple. | | 85. | 6. | 11 | 3 | 4 | 2 | |
| 5 | | King David x Okabana | | 95 | 6. | 82. | 31 | 8 | 15 | |
| 48 | | Delicious x Charlanoff | | 34 | 6. | 4 | 3 | 1 | 1 | |
| | | Delicious x M.W. Greening | | 76. | 6. | 0 | 0 | 0 | 0 | |
| 86 | | P. Greening x King David | | 32. | 7 | 9 | 6 | 1 | 1 | |
| 69 | | Wolf River x King David | | 8 | 7 | | 2. | | | |
| | | Duchess x King David | | 54 | 7 | 47 | 7 | 1 | 0 | |
| 194 | | x Lady Apple | | 28 | 7 | | 10 | | | |
| 34 | | Okabana x Delicious | | 48 | 7 | 15 | 2. | | 2 | |
| 111. | | Milwaukee x King David | | 55 | 7 | 41 | 32. | 4 | 7 | |
| | | Wealthy x Prince Golden | | 8 | 7 | | 4 | | | |
| | | 7083 x University | | 86. | 8 | 14. | 3 | | 2 | |
| 88 | | Duchess x Rome Beauty | | 8 | 8 | 0 | 0 | 0 | 0 | |
| 80 | | Wealthy x Rome Beauty | | 3 | 8 | | 2 | | | |
| 38 | | Charlanoff x Jonathan | | 16 | 8 | 12 | | 7 | 2. | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

| Fruit | | Project | | | | | | | |
|-------------------------------|---------------|-----------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
| | | | | | | | Plot | Row | |
| 173 | University | x Delicious | | 135 | Apr. 8 | 1 | 2 | 1 | 1 |
| 11 | Okahua | x King David | | 275 | 8 | 44 | 13 | 17 | 10 |
| | Okahua | x Delicious | | 145 | 8 | | 36 | | |
| 31 | Wealthy | x Ed. Winthrop | | 105 | 9 | | 7 | | |
| 176 | Milwaukee | x Stay Winthrop | | 135 | 9 | | 2 | | |
| 162 | Stay Winthrop | x Wealthy | | 15 | 9 | 0 | 0 | | 0 |
| 137 | Delicious | x Okahua | | 36 | 9 | 0 | 0 | | 0 |
| 129 | Wealthy | x Okahua | | 54 | 9 | 105 | 33 | 12 | 15 |
| 103 | Jonathan | x Okahua | | 94 | 9 | 70 | 10 | 4 | 10 |
| 88 | King David | x Okahua | | 110 | 9 | 32 | 27 | 7 | 6 |
| | Rome Beauty | x Okahua | | 44 | 9 | | 2 | | |
| 17 | Delicious | x Duchess | | 95 | 9 | 30 | 6 | 1 | 3 |
| 138 | Lady Apple | x Duchess | | 5 | 9 | 0 | 0 | | 0 |
| | Stay Winthrop | x Duchess | | 295 | 10 | 70 | 38 | 41 | 22 |
| 401 | King David | x Wealthy | | 47 | 11 | 27 | 14 | 12 | 4 |
| | King David | x Okahua | | 55 | 11 | 18 | 9 | 19 | 6 |
| | King David | x Duchess | | 96 | 11 | 15 | 13 | 12 | 4 |
| | King David | x Pat. Truving | | 24 | 11 | 21 | 9 | 26 | 7 |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds <i>Pump.</i> | NURSERY | | | Number Seedlings |
|-------------------------------|--------------|-------------------|-------------|------------------|-----------------|---------------------------|--------------|-------------|---------------|------------------|
| | | | | | | | <i>Plat.</i> | <i>Row.</i> | <i>Height</i> | |
| 104 | Grimm Golden | x Duchesne | | 42 | Apr 11 | 27 | 17 | 0 | 6 | |
| 73 | King David | x Duchesne | | 31 | 11 | 62 | 20 | 4 | 9 | |
| | Delicious | x Duchesne | | 7 | 11 | 16 | 4 | | 2 | |
| 170 | King Daniel | x Okahuna | | 174 | 11 | 39 | 27 | 15 | 12 | |
| 24 | 70/5 | x Wealthy | | 58 | 11 | 33 | 8 | 6 | 5 | |
| 18 | Black-Bun | x Okahuna | | 105 | 11 | | | | | |
| 114 | Delicious | x Okahuna | | 162 | 11 | 0 | 0 | | 0 | |
| 172 | Delicious | x Duchesne | | 91 | 11 | | 2 | | | |
| | Wealthy | x Grimm Golden | | | | 12 | 7 | | 2 | |
| 60 | Okahuna | x Jonathan | | | | 4 | 1 | | 1 | |
| | Okahuna | x Self | | | | 15 | 2 | | 2 | |
| | Okahuna | x Rome | | | | 14 | 2 | | 2 | |
| | Okahuna | x ? | | | | 56 | 21 | | 15 | |
| 99 | King David | x | | | | 44 | 2 | | 9 | |
| 191 | Grimm Golden | x ? | | | | 1 | 0 | | 1 | |
| | Duchesne | x Stayman Winesap | | | | 10 | 0 | | 2 | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds Plump | NURSERY | | Number Seedlings |
|-------------------------------|------------------|------------------|-------------|------------------|-----------------|--------------------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 121 | Staymans Winesap | Duchess | | | Apr. 1 | 22 | 6 | 7 | 5 |
| | Duchess | Staymans Winesap | | | Mar 30 | | 20 | | |
| 55 | Duchess | Grimes Golden | | | 29 | 25 | 27 | 0 | 4 |
| 127 | Wealthy | Self | | | | 80 | | 6 | 13 |
| | Wealthy | Chabena | | | | 52 | | 6 | 8 |
| | Wealthy | Rome | | | | 13 | | 1 | 2 |
| | Wealthy | ? | | | | 53 | | 1 | 7 |
| 65 | Fallowate | Jonathan | | | | 9 | | 5 | 3 |
| | Fallowate | Wealthy | | | | 5 | | 1 | 1 |
| 123 | Grimes | Chabena | | | | 61 | | 3 | 9 |
| | ? | Rome | | | | 4 | | 0 | 1 |

Plum
Pollination
1922

P L U M

Pollination Record, 1922

*Not original but other copies were apparently
made from this.*

1922

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit _____

Project _____

1922

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|----------------------|---------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| I42 | NO.8 x Self | | | I2 | Feb.13 | 0 | | | |
| | No.8 x Native | | | 20 | 13 | I | | | |
| I37 | Burbank x Self | | | 8 | 14 | 0 | | | |
| | Burbank x Assiniboin | | | 8I | 14 | 0 | | | |
| 70 | Wickson x Self | | | 22 | 15 | 0 | | | |
| | Wickson x Native | | | II4 | 15 | 0 | | | |
| | Wickson x No.5 | | | 78 | 15 | 0 | | | |
| | Wickson x Assiniboin | | | 42 | 15 | 0 | | | |
| 9 | Emerald x Self | | | 19 | 16 | 0 | | | |
| | Emerald x No.5 | | | 338 | 16 | 36 | | | |
| | Emerald x No.9 | | | 382 | 16 | 52 | | | |
| 24 | Native x Self | | | 9 | 16 | | | | |
| | Native x Wickson | | | 45 | 16 | | | | |
| 242 | Assiniboin x Burbank | | | 6I | 17 | 0 | | | |
| I07 | Zumbra x Bing | | | 22 | 17 | 0 | | | |
| I65 | Winnepeg x Burbank | | | 3 | 20 | 0 | | | |
| I92 | Bing x Zumbra | | | 240 | 20 | 0 | | | |
| 53 | No.9]x No.5 | | | 3I | 20 | 0 | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

1922

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------------|---------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 56 | No.5 x Self | | | 37 | Feb.16 | 0 | 0 | | |
| | No.5 x Emerald | | | 92 | 16 | 2 | 2 | | |
| | No.5 x No.9 | | | 203 | 16 | | 0 | | |
| | No.5 x Native | | | 114 | 16 | | 10 | | |
| | No.5 x Assiniboin | | | 105 | 16 | | 11 | | |
| | No.5 x Burbank | | | 85 | 16 | | 1 | | |
| 126 | Emerald x Self | | | 51 | 17 | | 0 | | |
| | Emerald x No.5 | | | 119 | 17 | | 8 | | |
| | Emerald x No.9 | | | 188 | 17 | | 41 | | |
| | Emerald x Native | | | 199 | 17 | | 69 | | |
| | Emerald x Wickson | | | 96 | 17 | | 20 | | |
| 31 | No.9 x Self | | | 70 | 17 | | 0 | | |
| | No.9 x No.5 | | | 593 | 17 | | 20 | | |
| 32 | Zumbra x Bing | | | 384 | 20 | | 0 | | |
| | Zumbra x Self | | | 43 | 20 | | 0 | | |
| 72 | Winnepeg x Wickson | | | 157 | 20 | | 0 | | |
| | Winnepeg x Burbank | | | 100 | 20 | | 0 | | |
| | Winnepeg x No.5 | | | 292 | 20 | | 0 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

1922

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|-----------------------|---------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| I20 | Emerald x No.5 | | | 154 | Feb.20 | 3 | | | |
| | Emerald x No.9 | | | 105 | 20 | 12 | | | |
| | Emerald x Native | | | 102 | 20 | 38 | | | |
| I63 | Surprise x No.5 | | | 23 | 23 | 0 | | | |
| I6 | 50 Hybrid x Self | | | 38 | 23 | 0 | | | |
| | 50 Hybrid x No.5 | | | 89 | 23 | 2 | | | |
| | 50 Hybrid x No.9 | | | 208 | 23 | 24 | | | |
| | 50 Hybrid x Wickson | | | 240 | 23 | 9 | | | |
| | 50 Hybrid x St. Rosa | | | 247 | 23 | 18 | | | |
| 229 | St. Rosa x Self | | | 24 | 24 | 1 | | | |
| | St. Rosa x Winnepeg | | | 111 | 24 | 5 | | | |
| | St. Rosa x Native | | | 55 | 24 | 4 | | | |
| | St. Rosa x No.5 | | | 90 | 24 | 3 | | | |
| I80 | S.C.x Climax x Bing | | | 538 | 24 | 0 | | | |
| | S.C.x Climax x Zumbra | | | 483 | 24 | 0 | | | |
| 211 | No.5 x Self | | | 18 | 23 | 0 | | | |
| | No.5 x Assiniboin | | | 169 | 23 | 0 | | | |
| | No.5 x St. Rosa | | | 304 | 23 | 0 | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

1922

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|-----------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 195 | No.12 | x Self | | 8 | Feb.23 | | 0 | | |
| | No.12 | x Native | | 45 | 23 | | 9 | | |
| | No.12 | x No.5 | | 36 | 23 | | 2 | | |
| | No.12 | x 50 Hybrid | | 59 | 23 | | 5 | | |
| | No.12 | x St. Rosa | | 23 | 23 | | I | | |
| 227 | Native | x Wickson | | 115 | 24 | | 0 | | |
| | Native | x No.5 | | 204 | 24 | | 0 | | |
| 37 | S.C. | x Satsuma x Zumbra | | 85 | 24 | | 10 | | |
| | S.C. | x Satsuma x Bing | | 223 | 24 | | 0 | | |
| 155 | Winnepeg | x Wild Peach | | 95 | 27 | | 0 | | |
| | Winnepeg | x Wickson | | 94 | 27 | | 0 | | |
| 13 | Zumbra | x Bing | | 112 | 27 | | 0 | | |
| | Zumbra | x Pr. Tomentosa | | 347 | 27 | | 5I | | |
| 17 | No.12 | x Amagdalus Davidiana | | 8 | 28 | | 0 | | |
| | No.12 | x Kaga | | 40 | 28 | | 10 | | |
| 222 | Assiniboin | x Kaga | | 5 | Mar.2 | | 0 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

1922

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---------------------|-----------------|--|------------------|-----------------|-----------|---------|-----|------------------|
| | | Staminate ♂ | | | | | Plot | Row | |
| 244 | Amagdalus Davidiana | x Self | | 10 | Feb 28 | | 0 | | |
| | Amagdalus Davidiana | x S.C. Climax | | 20 | 28 | | 0 | | |
| | Amagdalus Davidiana | x No. 12 | | 15 | 28 | | 0 | | |
| | Amagdalus Davidiana | x Winnepeg | | 27 | 27 28 | | 0 | | |
| | Amagdalus Davidiana | x 50 Hybrid | | 27 | 28 | | 0 | | |
| 243 | Stella Sdlg. | x Self | | 179 | Mar. 1 | | 4 | | |
| | Stella Sdlg. | x Amagdalus | | 41 | 1 | | 12 | | |
| | Stella Sdlg. | x No. 6 | | 280 | 1 | | 0 | | |
| | Stella Sdlg. | x No. 10 | | 159 | 1 | | 5 | | |
| | Stella Sdlg. | x Winnepeg | | 66 | 1 | | 43 | | |
| 169 | No. 10 | x Kaga | | 91 | 2 | | 20 | | |
| | No. 10 | x Self | | 6 | 2 | | 0 | | |
| | No. 10 | x Amagdalus | | 60 | 2 | | 0 | | |
| | No. 10 | x Stella Sdlg. | | 124 | 2 | | 10 | | |
| | No. 10 | x No. 6 | | 37 | 2 | | 1 | | |
| | No. 10 | x No. 12 | | 17 | 2 | | 0 | | |
| | No. 10 | x Winnepeg | | 73 | 2 | | 20 | | |
| | No. 10 | x Pr. Tomentosa | | 70 | 2 | | 1 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

1922

Fruit _____

Project _____

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---------------------|---------|--|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | | Plot | Row | |
| 205 | No.6 x Self | | | | I4 | Mar.2 | | 0 | | |
| | No.6 x Kaga | | | | II0 | 2 | | 5I | | |
| | No.6 x Stella Sdlg. | | | | II2 | 2 | | I7 | | |
| | No.6 x Amagdalus | | | | 59 | 2 | | 0 | | |
| | No.6 x Pr.Tomentosa | | | | I86 | 2 | | 0 | | |
| 6I | NO.5 x Self | | | | 46 | 3 | | 0 | | |
| | No.5 x Amagdalus | | | | 69 | 3 | | 0 | | |
| | No.5 x Kaga | | | | I76 | 3 | | I8 | | |
| | No.5 x No.10 | | | | II3 | 3 | | I | | |
| | No.5 x Terrie | | | | I07 | 3 | | I2 | | |
| | No.5 x No.6 | | | | 67 | 3 | | 0 | | |
| | No.5 x Stella Sdlg. | | | | I09 | 3 | | 6 | | |
| I24 I2 | No.12 x No.6 | | | | 76 | 3 | | 2 | | |
| | No.12 x No.5 | | | | 59 | 3 | | 2 | | |
| | No.12 x No.10 | | | | 6I | 3 | | 6 | | |
| I76 | Terrie x Self | | | | 47 | 4 | | 0 | | |
| | Terrie x Kaga | | | | I0I | 4 | | 0 | | |
| | Terrie x No.5 | | | | 43 | 4 | | 0 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

1922

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|---------------------|---------------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| I5 | Climax x Wolf | | | I5 | Mar.4 | 4 | | | |
| 240 | Wolf x Self | | | 3 | 4 | 0 | | | |
| | Wolf x Pr.Simoni | | | 8 | 4 | 0 | | | |
| | Wolf x No.5 | | | 64 | 4 | I | | | |
| | Wolf x Stella Sdlg. | | | 46 | 4 | I | | | |
| 8 | I89 | Cherry x Kaga | | 86 | 4 | I3 | | | |
| 11 | | Cherry x Bing | | 64 | 4 | I4 | | | |
| 21 | | Cherry x Pr.Tomentosa | | 53 | 4 | 23 | | | |
| 3 | | Cherry x Amagdalus | | 28 | 4 | 3 | | | |
| 9 | | Cherry x S.C.x Climax | | 48 | 4 | I2 | | | |
| 10 | | Cherry x Zumbra | | I90 | 4 | I5 | | | |
| 65 | | S.C.x Apr. x Self | | 42 | 7 | 0 | | | |
| | | S.C.x Apr. x Vladimir | | 79 | 7 | 0 | | | |
| | | S.C.x Apr. x Pr.Tomentosa | | I32 | 7 | I | | | |
| 40 | | Zumbra x Vladimir | | 285 | 7 | I | | | |
| | | Zumbra x Self | | 40 | 7 | 0 | | | |
| 34 | 20nt | Mont.Stark x Zumbra | | 735 | 4 | I22 | | | |
| | I32 | Kaga x Rochester | | I7 | 8 | | | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

1922

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|--------------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 213 | | Assiniboin x Amagdalus | | 47 | Mar. 7 | | 0 | | |
| | | Assiniboin x No.35 | | 27 | 7 | | 1 | | |
| | | Assiniboin x Lemon Cling | | 9 | 7 | | 1 | | |
| | | Assiniboin x No.5 | | 31 | 7 | | 1 | | |
| | | Assiniboin x Kaga | | 37 | 7 | | 15 | | |
| 41 | | Zumbra x S.C.x Apr. | | 223 | 7 | | 38 | | |
| | | Zumbra x Self | | 25 | 7 | | 0 | | |
| | | Zumbra x Cherry | | 280 | 7 | | 0 | | |
| 157 | | Winnepeg x Self | | 49 | 8 | | 0 | | |
| | | Winnepeg x Lemon Cling | | 155 | 8 | | 2 | | |
| | | Winnepeg x Kaga | | 54 | 8 | | 1 | | |
| | | Winnepeg x Burbank | | 128 | 8 | | 0 | | |
| | | Winnepeg x Almond | | 74 | 8 | | 26 | | |
| | | Winnepeg x Amagdalus | | 57 | 8 | | 0 | | |
| 239 | | Burbank x No.35 | | 108 | 8 | | 45 | | |
| | | Burbank x Winnepeg | | 36 | 8 | | 22 | | |
| | | Burbank x Kaga | | 57 | 8 | | 44 | | |
| 250 | | J.H.Hale x Kaga | | 1 | 8 | | 1 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

1926

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------------------------|---------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 182 | 50 Hybrid x Kaga | | | 124 | Mar. 8 | | 0 | | |
| 1 | 50 Hybrid x Burbank | | | 127 | 8 | | 1 | | |
| 219 | No. 6 x Self | | | 73 | 8 | | 9 | | |
| | No. 6 x No. 30 | | | 190 | 8 | | 5 | | |
| 121 | No. 6 x No. 109 | | | 95 | 8 | | 12 | | |
| 33 | No. 6 x No. 35 | | | 114 | 8 | | 33 | | |
| 28 | No. 5 x Lemon Cling | | | 84 | 8 | | 1 | | |
| | No. 5 x Amagdalus | | | 77 | 8 | | 0 | | |
| | No. 5 x No. 91 | | | 255 | 8 | | 6 | | |
| | No. 5 x Kaga | | | 145 | 8 | | 21 | | |
| | No. 5 x Winnepeg | | | 125 | 8 | | 27 | | |
| | No. 5 x Rochester | | | 98 | 8 | | 3 | | |
| 247 | Omaha x Wyant x No. 5 | | | 279 | 8 | | 17 | | |
| 123 | 22 Mont. Stark x Pr. Tomentosa | | | 573 | 7 | | 173 | | |
| 249 | Ey. Crawford x Almond | | | 16 | 8 | | 0 | | |
| 251 | Lemon Cling x Kaga | | | 48 | 8 | | 13 | | |
| 246 | Hiley x Kaga | | | 13 | 10 | | 0 | | |
| 245 | Rochester x Kaga | | | 44 | 10 | | 26 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

1922

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|--------------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 14 | 87 | No. 9I x Kaga | | 142 | Mar. 8 | | 4 | | |
| 0 | | No. 9I x Amagdalus | | 142 | 8 | | 0 | | |
| 37 | | No. 9I x Terrie | | 129 | 8 | | 37 | | |
| ✓ | | No. 9I x Stella Sdlg. | | 72 | 8 | | 2 | | |
| 0 | | No. 9I x Lemon Cling | | 39 | 8 | | 0 | | |
| 0 | 103 | Assiniboin x Burbank | | 95 | 8 | | 0 | | |
| 17 | | Assiniboin x Lemon Cling | | 77 | 8 | | 17 | | |
| 8 | | Assiniboin x Kaga | | 237 | 8 | | 8 | | |
| 32 | 94 | Cherry x S.C. | | 223 | 8 | | 84 | | |
| 25 | 25 | Cherry x S.C. x Apr. | | 84 | 8 | | 25 | | |
| 20 | 25 | Cherry x Zumbra | | 130 | 8 | | 25 | | |
| 34 | 56 | Cherry x Pr. Tomentosa | | 164 | 8 | | 56 | | |
| 0 | 209 | Surprise x Rochester | | 56 | 10 | | 0 | | |
| 0 | | Surprise x Burbank | | 62 | 10 | | 6 | | |
| 0 | 262 | Black Tartarian x Zumbra | | 2 | 10 | | 0 | | |
| 31 | 174 | St. Rosa x Assiniboin | | 227 | 8 | | 31 | | |
| 0 | 26 | Emerald x Kaga | | 17 | 8 | | 0 | | |
| 0 | 270 | October Purple x Kaga | | 2 | 10 | | 0 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

1922

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|---------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 128 | No. 12 | x Amagdalus | | 44 | Mar. 10 | | 1 | | |
| | No. 12 | x Kaga | | 57 | 10 | | 4 | | |
| 248 | Shiro | x Assiniboin | | 209 | 10 | | 52 | | |
| | Shiro | x Terrie | | 72 | 10 | | 15 | | |
| | Shiro | x Wolf | | 48 | 10 | | 13 | | |
| 253 | Native | x Lemon Cling | | 29 | 10 | | 6 | | |
| | Native | x Burbank | | 33 | 10 | | 6 | | |
| 113 208 | Mont. Stark | x Zumbra | | 456 | 8 | | 62 | | |
| 252 | No. 92 | x Lemon Cling | | 41 | 10 | | 3 | | |
| | No. 92 | x Rochester | | 60 | 10 | | 0 | | |
| | No. 92 | x Burbank | | 71 | 10 | | 3 | | |
| | No. 92 | x St. Rosa | | 63 | 10 | | 6 | | |
| | No. 92 | x Hiley | | 53 | 10 | | 2 | | |
| | No. 92 | x Kaga | | 118 | 10 | | 67 | | |
| 254 | Native | x Burbank | | 43 | 10 | | 3 | | |
| 131 | No. 5 | x Wakapa | | 302 | 10 | | 3 | | |
| | No. 5 | x Kaga | | 317 | 10 | | 46 | | |
| 69 | Wickson | x Assiniboin | | 408 | 11 | | 30 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit

Project

1922

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|-----------------|---------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 160 | Native Plum | x Burbank | | 134 | Mar. II | | 0 | | |
| | Native Plum | x Rochester | | 30 | II | | 0 | | |
| 80 | Wakapa | x Burbank | | 235 | II | | 22 | | |
| | Wakapa | x Wickson | | 293 | II | | 52 | | |
| 98 | Wickson | x Assiniboin | | 148 | II | | 2 | | |
| | Wickson | x Wakapa | | 109 | II | | 2 | | |
| 131 | No.5 | x Assiniboin | | 289 | II | | 4 | | |
| | No.5 | x Lemon Cling | | 77 | II | | 0 | | |
| | No.5 | x S.C. x Apr. | | 33 | II | | 0 | | |
| 499 | Terrie | x Burbank | | 43 | I2 | | 1 | | |
| 259 | Yellow Spanish | x Zumbra | | 7 | I2 | | 0 | | |
| 260 | Black Tartarian | x Zumbra | | 10 | I2 | | 0 | | |
| 204 | Wickson | x Terrie | | 9 | I2 | | 0 | | |
| 183 | Compas | x Apr. x Kaga | | 301 | I0 | | 0 | | |
| 256 | Reine Hortense | x Zumbra | | 6 | I2 | | 0 | | |
| 78 | No.91 | x No.5 | | 462 | I2 | | 17 | | |
| 2 | Kaga | x Lemon Cling | | 825 | | | 10 | | |
| | Kaga | x Rochester | | 999 | I I2 | | 51 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

1922

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|------------------------------|---------|-------------|------------------|-----------------|-----------|---------------|-----|------------------|
| | | | | | | | Plot | Row | |
| 200 | Burbank x Winnepeg | | | 181 | Mar. 12 | | 67 | | |
| | Sand Cherry x Rochester | | | 311 | 12 | | 3 | | |
| | Sand Cherry x Kaga | | | 88 | 12 | | 5 | | |
| 124/ 42 | Eng. Morello x Pr. Tomentosa | | | 510 | 12 | | 71 | | |
| | 5-8-48-47 x Burbank | | | 194 | 12 | | 22 | | |
| 257 | No. 92 x No. 5 | | | 230 | 12 | | 9 | | |
| 30 | No. 91 x No. 5 | | | 139 | 12 | | 6 | | |
| 93 | No. 91 x Kaga | | | 148 | 12 | | 21 | | |
| N | No. 91 x No. 5 | | | 222 | 12 | | | | |
| 39 | A x W Mixed x No. 5 | | | 39 | 12 | | 14 | | |
| 187 | No. 8 x No. 5 | | | 345 | 13 | | 64 | | |
| 23 | No. 5 x No. 1 | | | 311 | 13 | | 0 | | |
| | No. 5 x No. 12 | | | 206 | 13 | | 0 | | |
| 283 | Reine Hortense x Zumbra | | | 57 | 13 | | | | |
| 110 | S. C. x Hiley | | | 311 | 14 | | 10 | | |
| 10 | Zumbra x Reine Hortense | | | 297 | 14 | | 9 | | |
| 261 | Monarch x Kaga | | | 2 | 14 | | 0 | | |
| 105 | Zumbra x Cherry | | | 195 | 14 | | 6 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

1922

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|--------------|------------------------------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| | | Native x Burbank | | I38 | Mar. I4 | | I | | |
| 273 | | No. I2 x No. I | | 8I | I4 | | I4 | | |
| 230 | | Sapa x No. I | | 227 | I4 | | 44 | | |
| Sapa | | Sapa x No. 5 | | 207 | I4 | | 67 | | |
| 226 | | No. 8 x No. 5 | | 525 | I4 | | 88 | | |
| | | No. 8 x No. I | | 378 | I4 | | 73 | | |
| I79 | | No. I2 x No. I | | I27 | I4 | | 0 | | |
| 207 | | Climax x Wolf | | 6 | I4 | | 0 | | |
| I90 | | No. 9I x Kaga | | I8I | I4 | | I9 | | |
| I70 | | No. 9 x Kaga | | 90 | I4 | | 0 | | |
| 228 | | No. I x Terrie | | 247 | I4 | | 24 | | |
| | | No. I x Winnepeg | | I77 | I4 | | 37 | | |
| | | No. I x Wolf | | 305 | I4 | | 53 | | |
| I34 | | Bxx W Mixed x Kaga | | 390 | I4 | | 44 | | |
| 36 | | Compas x Apr. x Kaga | | 4I6 | I4 | | 0 | | |
| I02 | | Assiniboin x Burbank | | 7 | I4 | | 0 | | |
| 84 I7I | | Eng. Morello x Pr. Tomentosa | | 30I | I4 | | 93 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

1922

Fruit

Project

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|------------------------------|---------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| III | No. 12 x Kaga | | | 154 | Mar. 14 | | 17 | | |
| | No. 12 x Winnepeg | | | 285 | 14 | | 54 | | |
| 122 | Kaga x Hiley | | | 734 | 15 | | 30 | | |
| 275 | Ey. Alberta x Kaga | | | 21 | 15 | | 12 | | |
| 277 | Eureka x Kaga | | | 3 | 15 | | 0 | | |
| 202 | Yellow Egg x Kaga | | | 286 | 15 | | 0 | | |
| 178 | 9-5-78-90 x No. 5 | | | 307 | 15 | | 21 | | |
| | 9-5-78-90 x Yellow Egg | | | 187 | 15 | | 23 | | |
| 129 | 5-6-165 x Wild Peach | | | 356 | 15 | | 0 | | |
| 85 48 | Ey. Richmond x Zumbra | | | 611 | 15 | | 165 | | |
| 77 | Winnepeg x Burbank | | | 253 | 15 | | 0 | | |
| | Winnepeg x Yellow Egg | | | 222 | 15 | | 1 | | |
| 264 | Ey. Alberta x Kaga | | | 43 | 15 | | 12 | | |
| 265 | Ey. Crawford x Kaga | | | 42 | 16 | | 5 | | |
| 267 | Ey. Alberta x Kaga | | | 3 | 16 | | 0 | | |
| 271 | J. H. Hale x Kaga | | | 6 | 16 | | 0 | | |
| 153 | Opata x Ey. Alberta | | | 238 | 16 | | 5 | | |
| 97 46 | Ey. Richmond x Pr. Tomentosa | | | 364 | 16 | | 134 | | |

The University of Minnesota
Experiment Station

FRUIT BREEDING RECORD

Fruit _____

Project _____

1922

| Series or Breeding Record No. | Pistillate ♀ | PARENTS | Staminate ♂ | Date Emasculated | Date Pollinated | No. Seeds | NURSERY | | Number Seedlings |
|-------------------------------|-------------------------|---------|-------------|------------------|-----------------|-----------|---------|-----|------------------|
| | | | | | | | Plot | Row | |
| 25 | No. 9 x J.H. Hale | | | 281 | Mar. 16 | | II | | |
| 18 | Reine Hortense x Kaga | | | 8 | 16 | | 0 | | |
| 280 | No. 92 x Winnepeg | | | 235 | 20 | | 87 | | |
| 30 172 | Dyehouse x Cherry | | | 310 | 20 | | 34 | | |
| 282 | Reine Hortense x Zumbra | | | | 14 | | 3 | | |
| 131 | | | | | | | | | |
| 236 | Wolf Freestone x Terrie | | | 253 | Apr. 3 | | | | |
| 206 | Native x Terrie | | | 54 | 3 | | | | |
| | Blk. 3 x Terrie | | | 127 | 3 | | | | |
| 90 | Terrie x Wolf | | | 235 | 3 | | | | |

231 Am x B.

~~232 x x 12~~

SEED AND SEEDLING RECORD

Fruit..... *Plum*Year Pollinated..... *1922*

| Breeding No. | CROSS | No. Fls. Pol. | Date Pol. | No. Fls. Set | No. Fruit Matured | No. Plump Seed | No. Aborted Seed | No. Seed Germinated | Location in Seedbed | No. Seedlings Dug |
|--------------|---|---------------|-----------|--------------|-------------------|----------------|------------------|---------------------|---------------------|-------------------|
| P012/22 | ^{Bx20} 12 x ^{Bx25} 30 | 423 | 5/11 | | 2 | | | | | |
| P013/22 | 12 x 9 | 495 | | | 1 | | | | | |
| P014/22 | 12 x Cassinibone | 245 | | | 26 | | | | | |
| P015/22 | 12 x 17 | 490 | | | 3 | | | | | |
| — | 12 x 6 | 300 | | | 0 | | | | | |
| P016/22 | 12 x 8 | 535 | | | 24 | | | | | |
| P017/22 | 12 x 5 | 470 | | | 2 | | | | | |
| — | 12 x 2 | 455 | | | 0 | | | | | |
| P018/22 | 12 x 10 | 325 | | | 1 | | | | | |
| — | 12 x 16 | 500 | | | 0 | | | | | |
| P019/22 | 12 x 13 | 490 | | | 22 | | | | | |
| — | 12 x 1 | 374 | | | 0 | | | | | |
| P020/22 | 12 x 3 | 190 | | | 1 | | | | | |
| — | 12 x 21 | 345 | | | 0 | | | | | |
| | 12 x Mixed (picked up | | | | | | | | | |
| P021/22 | under tree | | | | 9 | | | | | |

SEED AND SEEDLING RECORD

Fruit..... *Plum*.....Year Pollinated..... *1922*.....

| Breeding No. | CROSS | No. Fls. Pol. | Date Pol. | No. Fls. Set | No. Fruit Matured | No. Plump Seed | No. Aborted Seed | No. Seed Germinated | Location in Seedbed | No. Seedlings Dug |
|--------------------------------------|-------------------------|---------------|-------------|--------------|-------------------|----------------|------------------|---------------------|---------------------|-------------------|
| | <i>10 x 1</i> | <i>430</i> | <i>5/11</i> | | | | | | | |
| <i>PO²/₂₂</i> | <i>10 x 3</i> | <i>380</i> | | | <i>16</i> | | | | | |
| | <i>10 x 2</i> | <i>450</i> | | | | | | | | |
| | <i>10 x 4</i> | <i>530</i> | | | | | | | | |
| | <i>10 x 9</i> | <i>410</i> | <i>5/12</i> | | | | | | | |
| | <i>10 x 12</i> | <i>526</i> | | | | | | | | |
| | <i>10 x 8</i> | <i>595</i> | | | | | | | | |
| | <i>10 x 22</i> | <i>415</i> | | | | | | | | |
| <i>PO²⁵/₂₂</i> | <i>10 x 13</i> | <i>498</i> | | | <i>6</i> | | | | | |
| | <i>10 x 6</i> | <i>575</i> | | | | | | | | |
| <i>PO²⁴/₂₂</i> | <i>10 x Assiniboine</i> | <i>500</i> | | | <i>9</i> | | | | | |

SEED AND SEEDLING RECORD

Fruit..... *Plum*.....Year Pollinated..... *1932*.....

| Breeding No. | CROSS | No. Fls. Pol. | Date Pol. | No. Fls. Set | No. Fruit Matured | No. Plump Seed | No. Aborted Seed | No. Seed Germinated | Location in Seedbed | No. Seedlings Dug |
|--------------------------------------|------------------------|---------------|-------------|--------------|-------------------|----------------|------------------|---------------------|---------------------|-------------------|
| <i>PO²⁷/₂₂</i> | <i>#2 x Cassinaine</i> | <i>572</i> | <i>5/12</i> | | <i>2</i> | | | | | |
| <i>PO²⁸/₂₂</i> | <i>2 x 5</i> | <i>245</i> | | | <i>1</i> | | | | | |
| | <i>2 x 12</i> | <i>400</i> | | | | | | | | |
| | <i>2 x 21</i> | <i>500</i> | | | | | | | | |
| | <i>5 x 17</i> | <i>450</i> | <i>5/12</i> | | <i>0</i> | | | | | |
| | <i>5 x 21</i> | <i>438</i> | | | <i>0</i> | | | | | |
| | <i>5 x 13</i> | <i>298</i> | | | <i>0</i> | | | | | |
| | <i>5 x 16</i> | <i>340</i> | | | <i>0</i> | | | | | |
| | <i>5 x 9</i> | <i>290</i> | | | <i>0</i> | | | | | |
| | <i>5 x 12</i> | <i>230</i> | | | <i>0</i> | | | | | |
| <i>PO²²/₂₂</i> | <i>5 x 4</i> | <i>262</i> | | | <i>2</i> | | | | | |
| | <i>5 x 6</i> | <i>374</i> | | | <i>0</i> | | | | | |
| | <i>5 x 8</i> | <i>310</i> | | | <i>0</i> | | | | | |
| <i>PO²³/₂₂</i> | <i>5 x Cassin</i> | <i>350</i> | | | <i>1</i> | | | | | |

SEED AND SEEDLING RECORD

1922

Fru Gooseberry V.....

Year Pollinated.....

| Breeding No. | CROSS | No. Fls. Pol. | Date Pol. | No. Fls. Set | No. Fruit Matured | No. Plump Seed | No. Aborted Seed | No. Seed Germinated | Location in Seedbed | No. Seedlings Dug |
|--------------|-------|---------------|-----------|--------------|-------------------|----------------|------------------|---------------------|---------------------|-------------------|
|--------------|-------|---------------|-----------|--------------|-------------------|----------------|------------------|---------------------|---------------------|-------------------|

44 x Self

100 x Self

