



Minnesota State Horticultural Society Records.

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STANDARD
DIARY
1888

THE STANDARD DIARY



PUBLISHED ANNUALLY
FOR THE TRADE.
1888.

Counting-House Calendar for 1888.

	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
JANUARY.	1 183	2 184	3 185	4 186	5 187	6 188	7 189	JULY.	1 183	2 184	3 185	4 186	5 187	6 188	7 189
	8 190	9 191	10 192	11 193	12 194	13 195	14 196		8 190	9 191	10 192	11 193	12 194	13 195	14 196
	15 197	16 198	17 199	18 200	19 201	20 202	21 203		15 197	16 198	17 199	18 200	19 201	20 202	21 203
	22 204	23 205	24 206	25 207	26 208	27 209	28 210		22 204	23 205	24 206	25 207	26 208	27 209	28 210
	29 211	30 212	31 213					AUGUST.				1 214	2 215	3 216	4 217
FEBRUARY.				1 32	2 33	3 34	4 35								
	5 36	6 37	7 38	8 39	9 40	10 41	11 42		5 218	6 219	7 220	8 221	9 222	10 223	11 224
	12 43	13 44	14 45	15 46	16 47	17 48	18 49		12 225	13 226	14 227	15 228	16 229	17 230	18 231
	19 50	20 51	21 52	22 53	23 54	24 55	25 56		19 232	20 233	21 234	22 235	23 236	24 237	25 238
	26 57	27 58	28 59	29 60				SEPT'R.	26 239	27 240	28 241	29 242	30 243	31 244	
MARCH.					1 61	2 62	3 63								1 245
	4 64	5 65	6 66	7 67	8 68	9 69	10 70		2 246	3 247	4 248	5 249	6 250	7 251	8 252
	11 71	12 72	13 73	14 74	15 75	16 76	17 77		9 253	10 254	11 255	12 256	13 257	14 258	15 259
	18 78	19 79	20 80	21 81	22 82	23 83	24 84		16 260	17 261	18 262	19 263	20 264	21 265	22 266
	25 85	26 86	27 87	28 88	29 89	30 90	31 91		23 267	24 268	25 269	26 270	27 271	28 272	29 273
								OCTOBER.	30 274						
APRIL.	1 92	2 93	3 94	4 95	5 96	6 97	7 98			1 275	2 276	3 277	4 278	5 279	6 280
	8 99	9 100	10 101	11 102	12 103	13 104	14 105		7 281	8 282	9 283	10 284	11 285	12 286	13 287
	15 106	16 107	17 108	18 109	19 110	20 111	21 112		14 288	15 289	16 290	17 291	18 292	19 293	20 294
	22 113	23 114	24 115	25 116	26 117	27 118	28 119		21 295	22 296	23 297	24 298	25 299	26 300	27 301
	29 120	30 121						NOVEMBER	28 302	29 303	30 304	31 305			
MAY.			1 122	2 123	3 124	4 125	5 126						1 306	2 307	3 308
	6 127	7 128	8 129	9 130	10 131	11 132	12 133		4 309	5 310	6 311	7 312	8 313	9 314	10 315
	13 134	14 135	15 136	16 137	17 138	18 139	19 140		11 316	12 317	13 318	14 319	15 320	16 321	17 322
	20 141	21 142	22 143	23 144	24 145	25 146	26 147		18 323	19 324	20 325	21 326	22 327	23 328	24 329
	27 148	28 149	29 150	30 151	31 152			DECEMBER	25 330	26 331	27 332	28 333	29 334	30 335	
JUNE.						1 153	2 154								1 336
	3 155	4 156	5 157	6 158	7 159	8 160	9 161		2 337	3 338	4 339	5 340	6 341	7 342	8 343
	10 162	11 163	12 164	13 165	14 166	15 167	16 168		9 344	10 345	11 346	12 347	13 348	14 349	15 350
	17 169	18 170	19 171	20 172	21 173	22 174	23 175		16 351	17 352	18 353	19 354	20 355	21 356	22 357
	24 176	25 177	26 178	27 179	28 180	29 181	30 182		23 358	24 359	25 360	26 361	27 362	28 363	29 364
									30 365	31 366					

Maturity of Note dated March 19th, 1888, time 90 days; 79 plus 93 = 172, or June 20th, 1888.

POSTAL NOTES.

Upon the payment of a fee of three cents each, Postal Notes for any amount under Five Dollars may be purchased at any Money-order Office, payable to bearer at any time within three calendar months from the last day of the month during which it was issued; but payable *only* at such Money-order Office as the purchaser may select, or at the office of issue.

UNITED STATES MONEY ORDERS.

For Orders not exceeding \$5, Five cents; over \$5 and not exceeding \$10, Eight cents; over \$10 and not exceeding \$15, Ten cents; over \$15 and not exceeding \$30, Fifteen cents; over \$30 and not exceeding \$40, Twenty cents; over \$40 and not exceeding \$50, Twenty-five cents; over \$50 and not exceeding \$60, Thirty cents; over \$60 and not exceeding \$70, Thirty-five cents; over \$70 and not exceeding \$80, Forty cents; over \$80 and not exceeding \$100, Forty-five cents. When a larger sum than One Hundred Dollars is required, additional Orders to make it up must be obtained.

INTEREST TABLE.

FOUR PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	1	11
3 "	0	0	0	0	0	0	0	0	0	0	3	33
5 "	0	0	0	0	0	0	0	0	0	0	5	50
10 "	0	0	0	0	0	0	0	0	0	0	11	111
1 Mo.	0	0	0	0	0	0	0	0	0	0	11	111
2 "	1	2	3	4	5	6	7	8	9	10	100	1000
3 "	1	2	3	4	5	6	7	8	9	10	100	1000
4 "	1	2	3	4	5	6	7	8	9	10	100	1000
6 "	2	4	6	8	10	12	14	16	18	20	200	2000
9 "	3	6	9	12	15	18	21	24	27	30	300	3000
1 Yr.	4	8	12	16	20	24	28	32	36	40	400	4000

FIVE PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	1	14
3 "	0	0	0	0	0	0	0	0	0	0	4	42
5 "	0	0	0	0	0	0	0	0	0	0	7	69
10 "	0	0	0	0	0	0	0	0	0	0	14	139
1 Mo.	0	0	0	0	0	0	0	0	0	0	14	139
2 "	1	1	2	2	3	3	3	4	4	4	42	417
3 "	1	1	2	2	3	3	4	4	4	4	83	833
4 "	1	2	3	4	5	6	7	8	9	10	125	1250
6 "	1	2	3	4	5	6	7	8	9	10	167	1667
9 "	2	4	6	8	10	12	14	16	18	20	250	2500
1 Yr.	5	10	15	20	25	30	35	40	45	50	500	5000

SIX PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	2	17
3 "	0	0	0	0	0	0	0	0	0	0	5	50
5 "	0	0	0	0	0	0	0	0	0	0	8	83
10 "	0	0	0	0	0	0	0	0	0	0	17	167
1 Mo.	0	0	0	0	0	0	0	0	0	0	17	167
2 "	1	2	3	4	5	6	7	8	9	10	100	1000
3 "	1	2	3	4	5	6	7	8	9	10	100	1000
4 "	1	2	3	4	5	6	7	8	9	10	100	1000
6 "	2	4	6	8	10	12	14	16	18	20	200	2000
9 "	3	6	9	12	15	18	21	24	27	30	300	3000
1 Yr.	6	12	18	24	30	36	42	48	54	60	600	6000

INTEREST LAWS OF ALL THE STATES.

STATES AND TERRITORIES.	PENALTY OF USURY.	Legal.	Special.
Alabama	Loss of interest	8	
Arizona	No penalty	10	No limit.
Arkansas	Forfeiture of principal and interest	6	10 per ct.
California	No penalty	7	No limit.
Colorado	No penalty	10	No limit.
Connecticut	No penalty	6	6 per ct.
Dakota	Forfeiture of contract	7	12 per ct.
Delaware	Forfeiture of contract	6	6 per ct.
District of Colum.	Forfeiture of all interest	6	10 per ct.
Florida	No penalty	8	No limit.
Georgia	Forfeiture of excess	7	8 per ct.
Idaho	Forfeiture of 3 times excess of int.	10	18 per ct.
Illinois	Forfeiture of all interest	6	8 per ct.
Indiana	Forfeiture of interest over 6 per cent.	6	8 per ct.
Iowa	Forfeiture of interest and costs	6	10 per ct.
Kansas	Forfeiture of excess over 12 per cent.	7	12 per ct.
Kentucky	Forfeiture of excess	6	6 per ct.
Louisiana	Forfeiture of interest	5	8 per ct.
Maine	No penalty	6	No limit.
Maryland	Forfeiture of excess	6	6 per ct.
Massachusetts	No penalty—6 per ct. on judgments.	6	No limit.
Michigan	Forfeiture of excess	7	10 per ct.
Minnesota	Forfeiture of contract	7	10 per ct.
Mississippi	Forfeiture of all interest	6	10 per ct.
Missouri	Forfeiture of all interest	6	10 per ct.
Montana	No penalty	10	No limit.
Nebraska	Forfeiture of all interest and costs	7	10 per ct.
Nevada	No penalty	10	No limit.
New Hampshire	Forfeiture of 3 times excess of interest	6	6 per ct.
New Jersey	Forfeiture of all interest	6	6 per ct.
New Mexico	No penalty	6	12 per ct.
New York	Forfeiture of contract	6	6 per ct.
North Carolina	Forfeiture of double amt of interest.	6	8 per ct.
Ohio	Forfeiture of excess	6	8 per ct.
Oregon	Forfeiture of prin., interest and costs.	8	10 per ct.
Pennsylvania	Forfeiture of excess, Act of 1858	6	6 per ct.
Rhode Island	Forfeiture, unless by contract	6	No limit.
South Carolina	Forfeiture of interest	7	10 per ct.
Tennessee	Forfeiture of over 6 per cent.	6	6 per ct.
Texas	Forfeiture of interest	8	12 per ct.
Utah	No penalty	10	No limit.
Vermont	Forfeiture of excess	6	7 per ct.
Virginia	Forfeiture of excess	6	6 per ct.
Washington	No penalty	10	No limit.
West Virginia	Forfeiture of excess	6	6 per ct.
Wisconsin	Forfeiture of all interest	7	10 per ct.
Wyoming	No penalty	12	No limit.

* Also punishable as a misdemeanor. Banks forfeit interest only, or double the interest if charged in advance.

† Also 6 per cent. on judgments.

RATES OF POSTAGE.

POSTAL CARDS, 1 cent each, go without further charge to all parts of the United States and Canada. Cards for foreign countries (within the Postal Union), 2 cents each. *Postal Cards are unavailable with any writing or printing on the address side, except the direction, or with anything pasted upon or attached to them.*

ALL LETTERS, to all parts of the United States and Canada, 2 cents for each ounce or fraction thereof.

LOCAL, OR "DROP" LETTERS, that is, for the city or town where deposited, 2 cents where the carrier system is adopted, and 1 cent where there is no carrier system.

FIRST CLASS.—Letters and all other written matter, *whether sealed or unsealed*, and all other matter *sealed, nailed, sewed, tied, or fastened in any manner* so that it cannot be easily examined, 2 cents for each ounce or fraction thereof.

SECOND CLASS.—Only for publishers and news agents; 1 cent per pound. NEWSPAPERS and PERIODICALS (regular publications) can be mailed by the public at the rate of 1 cent for each 4 ounces or fraction thereof.

THIRD CLASS.—Printed matter, in *unsealed wrappers only* (all matter inclosed in notched envelopes must pay letter rates), 1 cent for each two ounces or fraction thereof, *which must be fully prepaid*. This includes books, circulars, chromos, engravings, handbills, lithographs, magazines, music, newspapers, pamphlets, proof-sheets and manuscript accompanying the same, reproductions by the electric pen, hektograph, metallograph, papyrograph, and, in short, any reproduction upon paper by any process *except handwriting and the copying press*. Limit of weight 4 lbs., except for a single book which may weigh more.

FOURTH CLASS.—All mailable matter not included in the three preceding classes, which is so prepared for mailing as to be *easily withdrawn from the wrapper* and examined. Rate, 1 cent per ounce or fraction thereof. Limit of weight 4 lbs. Full prepayment compulsory.

FOREIGN POSTAGE.—The rates for letters are for the half ounce or fraction thereof, and those for newspapers for 2 ounces or fraction thereof:—

To Great Britain and Ireland, France, Spain, all parts of Germany, including Austria, Denmark, Switzerland, Italy, Russia, Norway, Sweden, Turkey (European and Asiatic), Egypt, letters 5 cents, newspapers 1 cent for each 2 ounces or fraction thereof.

To Australia, letters, via San Francisco (except to New South Wales), 5 cents; via Brindisi, 15 cents; newspapers, via San Francisco, 2 cents; via Brindisi, 4 cents. China, letters, via San Francisco, 5 cents; via Brindisi, 13 cents; 4 cents for each paper not weighing over 4 ounces. British India, Italian mail, letters 5 cents, newspapers 1 cent for 2 ounces. Japan, letters, via San Francisco 5 cents, newspapers 1 cent for 2 ounces.

MONDAY, MARCH 26, 1888

TUESDAY 27

WEDNESDAY, MARCH 28, 1888

THURSDAY 29

Friday, 1889

To-day grafted in the new vineyard twelve clefts with Delaware using three different methods ^{of covering} 1st grafting wax. 2nd clay & cow manure 3rd no covering. All the grafts were tied with Rappa after being cleft grafted.

Prof. W. C. Seam came to the farm to-day & is the newly elected Director of the Station.

FRIDAY, MARCH 30, 1888

Saturday 1889. Snowy in P. M.

SATURDAY 31

Sunday, Pleasant.

SUNDAY, APRIL 1, 1888

Monday. Pleasant. Many boys working for the
Dept. Hired Hubert Schmidt to work until Apr.
15th at 20. per month. Spreading manure
& picking out small stuff in the greenhouse.
Left apple stocks received from Emy Lindwood
with Russian Scions of our own growing.

FRIDAY, APRIL 6, 1888

SATURDAY 7

Monday 1889

SUNDAY, APRIL 8, 1888

Pleasant. Sowed samples of frosted &
good wheats in good garden soil with seed
sown in rows 12 inches apart.

MONDAY, APRIL 9, 1888-89

Pleasant. Sowed 1 lb of pansy seed.
Dug willow & poplar cuttings of last year's growth.

TUESDAY 10 1889

Pleasant. Planted out spruce & birch seedlings received from R. Douglas & Son, also apple grafts.

WEDNESDAY, APRIL 11, 1889

Planted out Sand cherries, birches, soft maple, buffalo
berry, Wahoo & Juneberries. Gave the boys of the
farm school each a bundle of Russian willows
& poplars & grape vines to take home with them.

THURSDAY 12 - 1889

Pleasant. Made poplar cuttings & spaded up rhubarb.
Sent a package of potatoes to S. Frazar Herman in O.
to J. B. C. Evans of Muskoda; dug wild grape roots for
use in grafting.

MONDAY, APRIL 16, 1888

Seed of parsnip sown in the fall appears to be coming all right.

Cuthbert raspberry left exposed last winter have come through in good shape.

TUESDAY 17 1889.

Sowed several small lots of onion seed &c. Also reseeded the land sown with frost seed and did not think it thick enough seeded. Had a rain last night. Laid out walks around greenhouse.

WEDNESDAY, APRIL 18, 1888

THURSDAY 19

MONDAY, APRIL 23, 1888

TUESDAY 24

WEDNESDAY, APRIL 25, 1888

THURSDAY 26

Friday 1889
Cut first asparagus to-day. That from
the plants set shallow is well developed

MONDAY, APRIL 30, 1888

Pleasant. - Put up potatoes for Prof. Foster
of Brookings. Painted stakes - Genl greenhouse
& hotel work.

TUESDAY, MAY 1

Pleasant. - Put up seventeen bundles of Russian
morelts for gratuitous distribution. Made cuttings
of willow & poplars. Sorted over onion sets.

WEDNESDAY, MAY 2, 1888

Rainy - Commenced digging *Requinto acroides*
but were compelled to stop by the rain. Painting stakes
and general greenhouse work. S. B. G. in town in the P.M.

THURSDAY 3

Rainy - Painting stakes & sprouting 44 lb. potatoes.
No work outside. Genl greenhouse work inside.
Planted cucumber seed from A. B. V. Co. & from Thorburn.

FRIDAY, MAY 4, 1888

Rainy with some snow most of A. M. Two inches of snow on the ground this A. M. at sunrise. Boys sprouting (+ finished) early potatoes. In P. M. the weather bright and we dug all *Mequendo acroides* + all *Trapius*. Also girl green-house work in A. M.

Saturday. - Planted out *Stachys tuberosa* received from James Carter of London.

SATURDAY 5

Pleasant bright day. Have dug what was left in the nursery ~~today~~ which includes Russian willows and poplars + wild cherry black walnut &c. This P. M. commenced planting out ash and made a good start. Girl green house ^{work} also on hand.

SUNDAY, MAY 6, 1888

Somewhat rainy.

Monday - 1889;

Planted out rhubarb from the bed where seed was sown last fall. Sold all the asparagus plants we had to spare. Planted young seedling potatoes in a cold frame, six inches apart.

MONDAY, MAY 7, 1888

Overcast sky without rain. Finished planting out *Fraxinus* & much of *Nequendo*. Making up hot beds for melons cucumbers &c. The soil somewhat wet but sufficiently dry in the nursery to transplant. *Colas. Bonar.* etc in town this A. M.

The *Nequendos* are a very little started but the ash has scarcely swelled at all. The season is ~~the~~ said by those supposed to know to be about two weeks behind last year.

Tuesday 1889.

Bright but accompanied with a hot dry wind and lots of dust. So severe has been the wind that the foliage of *spireas* has been severely burned and young sprouting grass has been spotted out to.

TUESDAY 8.

Cloudy with some rain in the A. M. however we worked in the nursery until noon and finished planting out *Nequendo* wild cherry &c. Commenced taking up the *Russian* apples that were grafted last spring as so many of them have died that it is desirable to close up the rows. Also grafted a few roots saved over from last year. Received seeds from James J. H. Gregory and strawberry raspberry & blackberry plants from Ellwanga & Barry. The latter we have killed in as we have a lot of same material received from J. T. Scott of Little Sider N. J. & from Col. Converse of N. Atkinson Wis.

In the P. M. most of our help at work for the farm account.

Wednesday 1889.

A succession of severe showers to-day which have effectually broken the drought & washed roads &c. Refilled repl. strawberry bed.

WEDNESDAY, MAY 9, 1888

Cloudy without rain. Closely pushing the transplanting of nursery stock and commenced filling in between the rows of the *Russian* nursery with our best small *Russian* apple stock putting an extra row between those there and filling in the rows already there putting the trees six feet apart. Also cut sod & prepared the same & the frames for melons.

Thursday, — Planted out strawberry & raspberry plants in garden.

THURSDAY 10

Cloudy with occasional sunshine in A. M. In P. M. Hard rain followed by sunshine.

All help on the *Russian* Nursery nursery until noon when we were obliged to take to inside work and made stakes for the dept for three hours when they went in to the *Russian* Nursery again.

Friday, 1889.

Planted out our collection of potatoes. Found that sea kale which grew from seed sown last season was coming up strong.

FRIDAY, MAY 11, 1888

Cloudy without much rain. Two men belonging to this Dept at work on farm a/c. Have finished planting out Russian Orchard & prepared frames for melons.

Ugolino Aceroides which growing for several years has just commenced to show leaf. *Quercus macrocarpa* has its buds just enough swollen to show light colored tips.

SATURDAY 12

Last night was cold & the ground was frozen in exposed places to the depth of one inch. To-day the weather has been cold & blustering with an overcast sky all day. Most of the help of this department has been employed on the farm.

Have planted melon seeds in sashes & spread manure. *Salix humilis* in blossom. *Sanguinaria Canadensis* in bloom for about ten days.

SUNDAY, MAY 13, 1888

MONDAY, MAY 14, 1888

Cloudy without rain.

Planted out trees in nursery and commenced putting out strawberry plants.

Plowed & harrowed strips in the nursery. This is the first chance we have had to plow there this season as the season has been so wet.

TUESDAY 15

Cold & bright. Finished planting out strawberries & commenced on raspberries. Put strawberry plants into the ~~seventh~~ space from the north between the apples in the nursery. Calling the land between the rows of trees a space.

Harrowed old strawberry bed to cut up grass that it might be ready for potatoes.

WEDNESDAY, MAY 16, 1888

Cold & bright.

In A. M. planted rasp. & blackberries & harrowed some small strips.

In P. M. finished planting berries and put in apple grafts etc. Also planted celery from Henderson and melons.

THURSDAY 17

Mostly cloudy & cool. Planted Russian apples & various small stuff in nursery. Planted rasp. lettuce, cucumber. Uncovered young melon & rasp in nursery.

Gooseberries in full leaf & currants are starting very strongly.

FRIDAY, MAY 18, 1888

Cloudy with clearing weather in the P. M. Had rain last night which left the soil wet. Uncovered grape vines in both young and old vineyards. They are in fair condition and scarcely started as yet. Planted some varieties of celery, radish &c. In A. M. Spread manure &c and in P. M. levelled and hoed in nursery & planted willows.

Sugaring asparagus.

Sowed sweet peas

Pulled first pea plant of any size. (12 in stalks)

SATURDAY 19

Bright - Have worked over Rhubarb, Manured for ripening. Spread manure generally and cleaned up manure house.
Apple peep buds starting so as to show plainly.

SUNDAY, MAY 20, 1888

MONDAY, MAY 21, 1888

The day opened bright but rain commenced about 11 o'clock and continued all day.

Commenced putting in experimental potatoes but had to conclude such work at 11 o'clock. The rest of the day had the boys at making stakes for the nursery &c. Teams manured ⁱⁿ asparagus & plowed onion bed.

Tuesday, 1889. — Hoed old vineyard. The young shoots are starting vigorously and are very much ahead of last season. Some of the new growth is eight inches long & fruit buds are almost ready to expand.

TUESDAY 22

Bright & pleasant. Stock from Peter Henderson came last night and to-day from J. C. Wood & Bro. Have cared for stock received. Planted plants received from Dr. Cook & A. F. Brand. Also planted out a few strawberries. Have planted outside viburnas paucifloras violas carnations roses &c.

Wednesday, 1889. — Had a severe frost last night which killed all the new wood on grape vines that were not on high land. All the new wood on Russian Mulberries & young oaks were killed outright. Some strawberry blossoms were undoubtedly killed but as most of ours are not yet in blossom they do not appear to be much injured. Barberries appear very handsome in contrast to Russian Mulberries this A. M. They are a bright & green as were white the latter are all black. Some of the leaves on white ash are also seriously frosted.

WEDNESDAY, MAY 23, 1888

Rainy most of the day. In A. M. put in a few potatoes & then had to stop until 4 P. M. on account of the rain. Worked on potatoes inside. Have finally accomplished something however. Cut first asparagus. Commenced new tool room. Lilacs & spiraeas in full leaf.

Thursday 1889. ^{Louisa} ~~Spirea~~ Lilacs in bloom.

THURSDAY 24

Cloudy without rain. Have finished planting the magnetics of potatoes and most of exp ditto. Shipped first rhubarb & asparagus. Planted asparagus in the furrows after the plow. Planted squash seed.

Tartarian honeysuckle in full leaf. Currants ^{gorsecurrant} show the berry buds plainly but unopened. Acer negundo leaves commence to be conspicuous.

Grass (Timothy) about 5 inches high. Most of Russian apple buds have broken. Suches still quite inconspicuous. Oaks show leaf plainly.

FRIDAY, MAY 25, 1888

Pleasant. Hara planted grape cuttings & willow & poplar cuttings.

Plowed for peas & potatoes &c. S.B. & I. making notes on Russian orchard.

SATURDAY 26

Bright & Pleasant. Hara prepared land for and planted potatoes & peas. Firmed cuttings & put in yesterday.

Plowed part of land for cabbage. Lent asparagus.

Burr & pin oaks commence to show green. Two wild strawberries in blossom. Planted April peas & potatoes for rolling &c.

SUNDAY, MAY 27, 1888

MONDAY, MAY 28, 1888

Bright & cool. A glorious day.

Have prepared land for seed. Sowed part of exp. Cabbages & exp. onion plot. Received shipment of arbutus bushes &c from C. L. Smith & have planted part of them. Sowed strawberries.

The vegetation has started wonderfully to-day.

Grape buds about one inch started on old vines.

Bill wata in blossom. (*Utricularia Grandiflora*)

Plum trees in blossom.

Tuesday 1889.

Returned to-day from Chautauque where I spent Monday P. M. with Mr. E. H. S. Dault the Superintendent. Found things in good order there. Had a light frost last evening which nipped the leaves of white ash.

TUESDAY 29

Bright and pleasant. Have planted exp. beans & part of exp. onions. Also planted balance left over from yesterday of arbutus bushes & canoe birch. Commenced sowing exp. onions. Have plowed and harrowed all middle strip in North land. Straightened stakes.

Wednesday 1889.

Had a frost last night which froze potatoes on the low land.

WEDNESDAY, MAY 30, 1888

Pleasant. Have continued plowing & planting. Planted varieties of onions, beets, carrots, parsnips, and Sweet corn. Had a little shower this P. M.

THURSDAY 31

Pleasant with wind. Sowed asparagus rhubarb, endive, Mangel wurtzel, parsnips, beets, carrots & Swiss chard. Planted the four latter in the strip by school building. Planted out Polarie potatoes that were grown in pots.

1889

Friday. - Had a frost last night which nipped our grapes in the vineyard, along the sickle hedge & along the corner of the greenhouse gutter this a. m.

FRIDAY, JUNE 1, 1888

Bright and cool. Planted up seeds from Little & Northrup B & Co. for a comparison between Northern & Southern grown seed. Putting edges of drives. Cultivated new grasses asparagus & esp potato piece. The latter to break up the hard soil between the rows.

Commenced preparing for flower borders.

Plum trees perfectly white with blossoms

SATURDAY 2

Pleasant. Cultivating Russian Orchard. Prepared flower borders. Cultivated forced asparagus. Crown. Clad strawberry first of our cultivated varieties to show blossom though the wild berry has been in bloom for one week. Picking out clay.

Minnesota and power crabs in blossom

SUNDAY, JUNE 3, 1888

Saturday 1889. Planted out colons & other bedding plants. Think all danger of frost is past and that summer has come at last.

MONDAY, JUNE 4, 1888

Pleasant though windy. Cultivating Russian Nursery
Preparing flower beds. Picking out white plume celery. Hoeing
asparagus & vineyard. Sent asparagus to town.

S. B. G. in to attend meeting of executive board

Capt Jack, ^{strawberry} came into bloom yesterday

Chas Downing ^{strawberry} " " to-day

Manchester ^{strawberry} came into bloom " "

Crescent ^{strawberry} " " " "

TUESDAY 5

Bright & warm. Planting out bedding stuff. Picking out celery
Writing labels. Spread fertilizer on esp potatoes, onions carrots &c.
Cultivating & hoeing Russian nursery. Cultivating nursery. Quile team
plowing &c.

Manchester Downing & Crescent in bloom

WEDNESDAY, JUNE 6, 1888

Cloudy without rain. Planted out flower borders. Plowed &
harrowed for melons. Harrowed Russian Nursery. Hoed & cultivated
in nursery.

Currents are just setting fruit & promise a large crop.

Noting cabbage pear. Filled tubs. Spinach and carrots which commence
to show above ground.

Thursday 1889. Attended commencement
exercises and dinner at the U. M.

THURSDAY 7

Rainy in A. M. Most of the boys away at commencement
exercises. Have planted out tomatoes in new vineyard.
Mr. Smith came for & got a load of onions & plumbat

Friday 1889. Planted out a lot of small
stuff which had been grown in boxes also
planted strawberries & raspberries in pa-
cancies.

FRIDAY, JUNE 8, 1888

Pleasant & warm. Have transplanted wregreens all day in nursery. They have started more than I wished they had to transplant to the best advantage but I think it better to do it now than to wait another season when they would have been matted even more together.

SATURDAY 9

Warm with occasional showers. Planted out wregreens and cabbage and cauliflowers. Team in town in the P. M.

SUNDAY, JUNE 10, 1888

MONDAY, JUNE 11, 1888

Bright & Pleasant. All hands aided in planting
squashes, melons and cucumbers.
Grapes show first fruit buds

TUESDAY 12

Pleasant. Mowed with lawn mower in flower border.
Cleaning up generally

WEDNESDAY, JUNE 13, 1888

Bright and warm. Straightening roads and stakes and
cleaning up generally. Put out balance of bedding stuff
Soil too wet to work much but in p. m. hoed potatoes

THURSDAY 14

Pleasant and warm after a hard rain last night. In A. m.
cut asparagus, painted stakes ^{put on insecticides}. Cleaned up. In P. m. run
winder for first time. Transplanting various things & cleaning up

FRIDAY, JUNE 15, 1888

Bright & warm. Clearing up generally. hoeing & putting out bedding stuff. Rinsing wheel bar.

Parsnips in School lot have come irregularly, but the seeds in the ground are coming evidently.

Potato bugs are thick and to-day noticed ^{the} first of their eggs.

SATURDAY 16

Bright & warm.

Cultivating new vineyard. Weeding onion rows.
&c. Putting on insecticides. Cultivating corn for first time.
Made out list of Anjou &c & potatoes.

SUNDAY, JUNE 17, 1888

MONDAY, JUNE 18, 1888

Pleasant. Weeding; pruning & tying up grapes. Watering
melons &c. Putting on poison.

TUESDAY 19

Pleasant in the A. M. Raining in part of P. M. Cleaned
up roose in barn. Weeding in the A. M.

WEDNESDAY, JUNE 20, 1888

Pleasant.

Heavy rain last night ~~Too~~ damp to cultivate the soil.
Planting out celery in A. M.
In P. M. weeding out exp. onions, Section D.

THURSDAY 21

Pleasant. Painting & cutting sticks. Weeding in Exp.
school lot, cultivating cabbage seedlings.

FRIDAY, JUNE 22, 1888

Pleasant and cold.

Hoing cabbage seedlings. Weeding in the
school lot. Cutting the lawn.
Cultivating, cabbage, cauliflower and cabbage in the
orchard and haws, peas, corn, &c.

SATURDAY 23

Pleasant. Weeding & cultivating

Hartford Prolific, Jamesville + Baccus show first
blooms.

SUNDAY, JUNE 24, 1888

MONDAY, JUNE 25, 1888

Pleasant. Mixing insecticides, painting labels
hoing & cultivating. Sowed winter radishes in
the Russian Orchard.
Picked one box of strawberries (1st) Mostly
Crescent.

TUESDAY 26

Cloudy without rain. Cold.
Placed stakes in Russian Orchard and
pruned the same. Hoed cabbage. Cultivating &
cleaning up around planthouse.
Niagara grape shows first blossom.

WEDNESDAY, JUNE 27, 1888

Cloudy with some rain. Manned celery by plowing
a furrow near the plants & filling with spent hot bed
material. Hoing & cleaning up.

THURSDAY 28

Pleasant. Meeting of the State Horticultural Soci-
ety here to-day. A good attendance especially
of the ladies. A very nice exhibit of strawberries.
Some very good roses, tomatoes, peas, asparagus &
beets & radishes. Short addresses by Prof. Porter, Prof. In-
ger, Prof. Cleveland & S. B. G. The meeting was
generally satisfactory.

FRIDAY, JUNE 29, 1888

Pleasant. Made first large picking of strawberries. Ascents & counties made it very nice.

Weding onions, thinning beets &c.

SATURDAY 30

Pleasant Thinning beets carrots parsnips &c.
Picking strawberries

Aspens core cord in blossom June 29 - Focklington June 29

Punter	"	"	30	-	Maitha	"	29
Moore's Early	"	"	30	-	Was seedling	"	30
Goethe	"	"	29	-	Salun	"	29
Hartford	"	"	29	-	Warden	"	29
Wilder	"	"	29	-	Merriman	"	30
Lindly	"	"	30	-	Agassan	"	30
A c							

SUNDAY, JULY 1, 1888

MONDAY, JULY 2, 1888

Bright & warm. Picking strawberries in a.m.
In P.M. stumping beets & weeds.
Sent berries in to town this P.M.
First berries from Munnetsoka Chief

TUESDAY 3

Pleasant. Working: picking strawberries &c.
Made first large picking from Munnetsoka
Chief

WEDNESDAY, JULY 4, 1888

THURSDAY 5

Pleasant. Picking strawberries, working &c.
Laying up grape vines in small vineyard

FRIDAY, JULY 6, 1888

Pleasant. Heavy rain last night. Weeding
mowed grass. Planted celery.

SATURDAY 7

Pleasant. Picking strawberries, Weeding &c.

SUNDAY, JULY 8, 1888

MONDAY, JULY 9, 1888

Pleasant. Weeding picking strawberries &c.
S. B. G. & Chas Pomeroy at Bloomington looking grapes &
other small fruits

About ten days ago ^{unicolor} macrotis, commenced to attack
english beans, lupines & alfalfa. It is a long green quick
moving beetle & is apparently the same beetle which eats
the young shoots of *regelia lutea*.

TUESDAY 10

Pleasant. Weeding generally.
Noticed first large numbers of the potato
beetle slug.

WEDNESDAY, JULY 11, 1888

~~Pleasant. S. B. G. & C. H. P. drove to Bloomington
visited the vineyard of Mr. Girard. He has made a success
in changing his vineyard from clutons to Delaware
by grafting.
Boys weeding~~

Pleasant. Weeding &c. Made first sowings of
rutabaga & English turnips. Picked last of Cuscut
& Manchester strawberries

THURSDAY 12

Pleasant.
Busy weeding & cleaning up.

FRIDAY, JULY 13, 1888

Pleasant with shower in P. M.
Boys warding S.B's. working on plans
for greenhouse

SATURDAY 14

C. cloudy without rain. Weeding &c.
Noticed first ripe Marlboro raspberries.
Red Dutch Versailles currant are well colored
enough for preserving
Made first basket of ripe peas.
First superb raspberries

SUNDAY, JULY 15, 1888

MONDAY, JULY 16, 1888

Pleasant. Weeding in the nursery
Made tests of peas.
Picked first currants.

TUESDAY 17

Pleasant
Weeding & picking currants
Strawberries gone. Munnetonka chief the latest &
best. Held on up to date

WEDNESDAY, JULY 18, 1888

Pleasant. Weeding & picking currants.
Testing exp. peas

THURSDAY 19

Weeding & picking currants. Planted out celery rece-
ived from Mr. Boust
Testing exp. beets
First turner raspberries

FRIDAY, JULY 20, 1888

Bright. Working in nursery. Picked currants
Lifting up peas.

SATURDAY 21

Bright & warm. Picking currants thinning corn
Picked first Golden Cap Blackcaps

SUNDAY, JULY 22, 1888

MONDAY, JULY 23, 1888

Pleasant. Weeding. Using insecticides & cultivating.

TUESDAY 24

Pleasant.
Weeding. Pruned off blighted wood from crab apple trees & cultivated the soil around them.

WEDNESDAY, JULY 25, 1888

Pleasant. Horing weeding &c.

THURSDAY 26

Pleasant. Warm.
Digging weeds from lawn. Horing &c.
S. B. G. Wurtts University for a level & in P. M. with Prof. Porter laid out grounds to be graded for new greenhouse.
Carted manure from old hotbeds & took away part of the fence preparatory to grading
Observations upon beets

FRIDAY, JULY 27, 1888

Pleasant, Warm. Digging weeds (*Malva rotundifolia*)
which is very abundant as it goes to seed under the
knives of the lawn mower it cannot be got rid of
in any other way.
Carting manure from frames.

SATURDAY 28

Pleasant. Clearing out frames.
Thinned turnips.
Weeded garden of *Malva Rotundifolia*

SUNDAY, JULY 29, 1888

MONDAY, JULY 30, 1888

Warm with a hard shower about 9 o'clock
Cleaned out frames. Weeded turnips &c.

TUESDAY 31

Cloudy without rain.
Pulled down old fence & finished carting
off manure from site of proposed greenhouse.
Cleaning up generally

WEDNESDAY, AUGUST 1, 1888

Pleasant. Picked raspberries. Pulled big weeds
in garden. Hoed celery.

THURSDAY 2

Very warm in P. M.
Commenced excavating for situ-
ation for new greenhouse. Planted Exptl.
celery in School lot. Weeding
Pulled first corn (Cory variety). Farmers team & one man
from off the place doing the work

FRIDAY, AUGUST 3, 1888

Pleasant. Working in the nursery. Cleaning up
flower borders. Excavating for greenhouse.
1 man & team at work belonging to Farmer

SATURDAY 4

Rain at the best
Pleasant. Working in the nursery. General cleaning
up. Excavating for new greenhouse with two men
& teams belonging to Farmer.

The executive board to-day voted appropriations for
new Greenhouse building & the heating for it.

To-day picked very fine Sturwats seedling currants.
They have done better than any other we have

SUNDAY, AUGUST 5, 1888

MONDAY, AUGUST 6, 1888

Pleasant. Grading for new greenhouse.
Picking gooseberries & black currants.
Two teams at work.

TUESDAY 7

Pleasant. Excavating for greenhouse.
Hoeing in nursery.

WEDNESDAY, AUGUST 8, 1888

Rainy in A. M. Excavated for greenhouse.
One team at work in P. M.

THURSDAY 9

Pleasant. Excavating for greenhouse.
Cutting suckers off grape vines. Picking raspberries.
Turnover raspberry is just gone.
Lupine
Stones Hardy blackberry gave first berries
I

FRIDAY, AUGUST 10, 1888

Rainy most of the day. Part of the day the boys
at work on cellar for new greenhouse. Also repaired
old hotbed sash. S. B. G. at work on plans for
greenhouse. Boys also tore away part of old flue.

SATURDAY 11

Pleasant. Finished plans for greenhouse & finished excavating
greenhouse cellar.

Golden Cup raspberry is just about gone.
First Snyder raspberry

SUNDAY, AUGUST 12, 1888

MONDAY, AUGUST 13, 1888

Bright in A. M. but cloudy with slight shower in P. M.
at work on experimental peas. Pruning grapes in the vineyard
commenced picking up celery. S. B. G. in town in
P. M.

TUESDAY 14

Cloudy without rain. Earthing up celery.
Schaffner Colossal raspberry has just yielded its last picking.
^{cut the fruit}
Mailboro raspberry is just about finished

WEDNESDAY, AUGUST 15, 1888

THURSDAY 16

Last of Mailboro Rasp

Pleasant. Busy clearing up top onion piece. Harvested
the bulbs. Cut runners off of violets.

Last of Mailboro raspberries
Commenced to-day to lay foundation wall for
new Greenhouse

FRIDAY, AUGUST 17, 1888

Pleasant. Mowing celery. Cleaning up top
onion field. Making cuttings of geraniums calms
achyranthus &c.

SATURDAY 18

Pleasant. Cleaning up garden. Working at
greenhouse basement. Potted chrysanthemum &c.

SUNDAY, AUGUST 19, 1888

MONDAY, AUGUST 20, 1888

Pleasant. Excavating for greenhouse cisterns.
Collecting beans for preservation.
Chamifying up laws &c.

TUESDAY 21

Pleasant. Excavating for cisterns.
Collecting peas & corn for preserving as specimens.
Picked out cucumbers & put in cuttings of Achy-
ranthus.

WEDNESDAY, AUGUST 22, 1888

Pleasant. One man at work at greenhouse
foundation. Cleaning up weeds generally.

THURSDAY 23

Pleasant. Excavating for greenhouse
cistern. The Pomona grange met here to-day
in all about forty members. Have spent most of
the day preparing for them.

FRIDAY, AUGUST 24, 1888

Pleasant. Grading about greenhouses.
Picking seed peas.

SATURDAY 25

Pleasant. Excavating for cisterns. Saving
seed peas &c. Reared for newly potted *Clusonia*
thymum putting them where they can be cared
for.

SUNDAY, AUGUST 26, 1888

MONDAY, AUGUST 27, 1888

Pleasant. Made cuttings of currants & set them out also made cuttings of Achyranthes & geraniums. One man part of day working around greenhouse. Pruning currants. Saving peas.

TUESDAY 28

Pleasant. Pruning currants. Excavating for foundation of walls. Saving seed peas. Making cuttings of geraniums & Achyranthes. The Janesville grapes commence to turn.

WEDNESDAY, AUGUST 29, 1888

Pleasant. Picking seed peas. Pruning currants.

THURSDAY 30

Pleasant. Weeding, & pruning currants. Planting celeriacs.

FRIDAY, AUGUST 31, 1888

Pleasant. Weeding.

SATURDAY, SEPTEMBER 1

Pleasant. Weeding. Cutting lawn & weeding
borders. Are having a great abundance of cucumbers & squash.
Of the squash melons the New Hatched sack have proven
themselves the best flavored.

SUNDAY, SEPTEMBER 2, 1888

MONDAY, SEPTEMBER 3, 1888

^{a little cloudy with a sprinkle}
Pleasant. Hoeing in vineyard & nursery
preparing seed & bottles for seeds. ^{S.P.M.} In town in A.M.
Am in receipt of occasional packages of red plums
some of which are of very good flavor

TUESDAY 4.

Pleasant. Weeding generally & saving
seeds

WEDNESDAY, SEPTEMBER 5, 1888

Pleasant. Hoeing in nursery
Tested water & must & melons.

THURSDAY 6

Rainy. Sorting over seeds. Plowed land
for spinach. The shower this P. M. was accompanied
with much hail.

FRIDAY, SEPTEMBER 7, 1888

Pleasant. Cleaning up nursery. Weeding &c.

SATURDAY 8

Pleasant. Dig around tobacco plants to check them before potting for the exhibition.

SUNDAY, SEPTEMBER 9, 1888

MONDAY, SEPTEMBER 10, 1888

Pleasant. Earthing up celery, potted violet plants. In P. M. received word from fair committee that they wished us to make an exhibit and immediately went to work to get ready.

TUESDAY 11

Pleasant. Prepared vegetables for exhibit until the middle of the forenoon when we received word from Prof. Porter that our exhibit was not needed & then put boys out potting carnations & violets & covering them. One man of ours tending the fair grounds gate.

WEDNESDAY, SEPTEMBER 12, 1888

Pleasant. Potting carnations &c. Tending fair grounds gate, showing things to visitors &c.

THURSDAY 13

Pleasant. Prepared potting soil. Tended fair gate from the fair grounds. Quite a good many visitors in P. M.

FRIDAY, SEPTEMBER 14, 1888

Rainy Day.
~~Plants~~ Picked first Forest Garden plums.
& they are of good flavor $1\frac{1}{2}$ inches in diameter with
more than half covered with red.
Boys had a free day but wished to work in P.M.
& sorted over onion sets

SATURDAY 15

SUNDAY, SEPTEMBER 16, 1888

MONDAY, SEPTEMBER 17, 1888

WEDNESDAY, SEPTEMBER 19, 1888

Pleasant. Dug potatoes that were planted for a comparison of the ~~various~~ methods of planting.

TUESDAY 18

Cloudy & cold. Dug Solais potatoes & they are very nice. also pulled onions.

THURSDAY 20

Pleasant. Commenced to dig the experimental potatoes. Dug all that were well & died down.

FRIDAY, SEPTEMBER 21, 1888

Pleasant. Finished digging experimental potatoes.

SATURDAY 22

Pleasant. Building coal bins ^{in green house}. Picked up potato stakes. Pulled experimental onions. General work

SUNDAY, SEPTEMBER 23, 1888

MONDAY, SEPTEMBER 24, 1888

Pleasant. Put up coal bin down cellar in green house.
Put squashes into frames.
Picked a few of each variety of grapes to save seeds from.

TUESDAY 25

Pleasant. Banking celery. Saved bunches of grapes for preserving.

WEDNESDAY, SEPTEMBER 26, 1888

Windy & colder with some rain.
Banking celery. Picked green tomatoes as we are afraid of frost.

THURSDAY 27

Pleasant but cool. Hardest last night.
Threshed beans. Topped onions.

FRIDAY, SEPTEMBER 28, 1888

Pleasant. Bagged onions and about one half of
main crop have the tops dry.
Pulled up onions, many varieties are very green still

SATURDAY 29

Pleasant. Levelled off & cleaned up around ^{new} greenhouse.

SUNDAY, SEPTEMBER 30, 1888

MONDAY, OCTOBER 1, 1888

Pleasant. Dug lettuce. Putting them into piles
& covering with tops. Shall cover with soil later.

TUESDAY 2

Bright
~~Pleasant~~ but windy & cold. Dug carrots.
Wrigled up cabbage. Pulled down old chimney of old green house.

WEDNESDAY, OCTOBER 3, 1888

Pleasant. Dug carrots. Picked last of
Lisato plums.

THURSDAY 4

Cloudy & cool. Dug up lettuce. Potted bulbs received from
Peter Henderson. Prepared frame for bulbs.

FRIDAY, OCTOBER 5, 1888

Pleasant. Dug & topped carrots putting them
into piles & covering with leaves.

SATURDAY 6

Pleasant. Dug carrots, ^{parsnips} & topped them putting
them into piles & covering with leaves.

SUNDAY, OCTOBER 7, 1888

MONDAY, OCTOBER 8, 1888

Pleasant. Dug parsnips & topped part of them. Cleaned up flower borders

TUESDAY 9

Pleasant. Topped parsnips. Dug dahlias canna's & parsnips. Dug just large amount of celery & it is quite good. Some weeks ago it seemed inclined to rot in the centre but it seems to have outgrown it & is now very good. S.B.G. in town looking for a horse for the department.

WEDNESDAY, OCTOBER 10, 1888

Pleasant. Dug radishes. Cleaned back of posts

THURSDAY 11

Pleasant. Dug postholes. Topped experimental onions.

FRIDAY, OCTOBER 12, 1888

Pleasant. Dug post holes in a. m.
Topped up onions in P. M.

SATURDAY 13

Pleasant. Tared post butts & dug post holes

SUNDAY, OCTOBER 14, 1888

MONDAY, OCTOBER 15, 1888

Cold & windy with some rain & sleet
in squalls.

Shed three loads plants from University
greenhouse in P. M.
Dug postholes.

TUESDAY 16

Pleasant. Dug postholes. Got together
& sent vegetables to Farm School. Dug post
hole for vineyard. Brought two loads of
plants from University greenhouse.

WEDNESDAY, OCTOBER 17, 1888

Pleasant. S. B. G. in town looking at
horses. Boys digging postholes & set some
posts. Cleared brick in old greenhouse.
Got up vegetables.

THURSDAY 18

Pleasant. Cold & blustering. Cleaning out greenhouse.

FRIDAY, OCTOBER 19, 1888

Cold & blustering. Clearing out old greenhouse
Some sleet & snow

SATURDAY 20

Pleasant. Clearing away rubbish from
old greenhouse. Several students at work.
Received horse from Mr. Gilmore conditionally
It to be just as represented.

SUNDAY, OCTOBER 21, 1888

MONDAY, OCTOBER 22, 1888

Pleasant. Sent back horse received from
Mr. Calmore Saturday as he was older than
represented. Ch. Pouroulis went to town this
A.M. with load of vegetables.
Cleaned up around greenhouse &c.

TUESDAY 23

Pleasant. Cleaned up around greenhouse

WEDNESDAY, OCTOBER 24, 1888

Pleasant. Cleaned up around greenhouse & filled
benches.

THURSDAY 25

Pleasant. Farmer Martin's teams grading around new
greenhouse in A. M. Boys pruning blackberries & rasp-
berries. Cleaning up & filling benches in greenhouse.

FRIDAY, OCTOBER 26, 1888

Pleasant. S. B. G. & Ch. Pommerville in town
buying supplies for new greenhouse. Portis men repaired
leak in new boiler. Bope setting posts in vineyard.

SATURDAY 27

Pleasant. Corning berry bushes.

SUNDAY, OCTOBER 28, 1888

MONDAY, OCTOBER 29, 1888

Pleasant. Grading around greenhouse, covering
raspberry & blackberry bushes

TUESDAY 30

Pleasant. Grading around greenhouse. Dug celery
to-day

WEDNESDAY, OCTOBER 31, 1888

Pleasant. Grading around greenhouse.
Putting up vegetables.

THURSDAY, NOVEMBER 1

Pleasant. Grading around greenhouse.

FRIDAY, NOVEMBER 2, 1888

Pleasant. Cleaning in + grading outside of
greenhouse.
Executive committee here to-day

SATURDAY 3

Pleasant. Lent off celery

SUNDAY, NOVEMBER 4, 1888

MONDAY, NOVEMBER 5, 1888

Rainy. Cleaned up & smoked greenhouse. Got in coal. Moved into new office in Exp. Station Building Eureka —

TUESDAY 6

Pleasant. Setting posts in vineyard.

WEDNESDAY, NOVEMBER 7, 1888

Pleasant. Plowing. Setting posts & cutting asparagus.

THURSDAY 8

Pleasant. Setting posts in vineyard. Cutting asparagus tops
Plowing.
Quinn's still green in the beds on high land.

FRIDAY, NOVEMBER 9, 1888

Pleasant. Buried grape vines.
Serrilled celery land

SATURDAY 10

Pleasant. Grading around greenhouse.
Banked up Russian apple trees

SUNDAY, NOVEMBER 11, 1888

MONDAY, NOVEMBER 12, 1888

Pleasant. Banked up Russian apple trees. Grading around greenhouse

TUESDAY 13

Pleasant. S. B. & in tow with new horse. Photographer took views of green house. Made grape cuttings. Graded around greenhouse

WEDNESDAY, NOVEMBER 14, 1888

Pleasant. Reset posts in vineyard. Washed grape seeds

THURSDAY 15

Pleasant but cold. About one inch of snow fell last evening which was the first of the season. Reset posts in vineyard. Made ditches & prevented wash on hill above greenhouse. Palled turneps

FRIDAY, NOVEMBER 16, 1888

Pleasant.

Busy at cleaning ashes out of cellar. Setting
posts &c.

SATURDAY 17

Pleasant. Thermometer at zero this a. m. reset post.
in yard & cleaned up in greenhouse

SUNDAY, NOVEMBER 18, 1888

MONDAY, NOVEMBER 19, 1888

Bought coal. Put wires out to vineyard posts & cleaned up in gun house.

TUESDAY 20

Pleasant. Cleaned up in gun house. Sanded tops off posts in vineyard.

WEDNESDAY, NOVEMBER 21, 1888

Pleasant. Hitched horse into cart & he was a little unruly & evidently had never before been in such a rig.

THURSDAY 22

Pleasant.

Watered trees in the nursery at the suggestion of Mr. Harris. He thinking that this winter would be a disastrous one for fruit trees.

FRIDAY, NOVEMBER 23, 1888

Pleasant.

SATURDAY 24

Pleasant.

ing up

Grading around greenhouse & clean-

SUNDAY, NOVEMBER 25, 1888

MONDAY, NOVEMBER 26, 1888

Pleasant. Felling up around greenhouse &
taking up stones etc

TUESDAY 27

Pleasant

WEDNESDAY, NOVEMBER 28, 1888

Pleasant.

THURSDAY 29

Thanksgiving. Cloudy with some sleet. Observed
generally as a holiday

FRIDAY, NOVEMBER 30, 1888

Cloudy in a.m. Pleasant in P. m.
Mr. Andrews at farm testing boiler

SATURDAY, DECEMBER 1

Cloudy. Ther. $+10^{\circ}$.

SUNDAY, DECEMBER 2, 1888

FRIDAY, DECEMBER 21, 1888

SUNDAY, DECEMBER 23, 1888

SATURDAY 22

Pleasant. Ther. +4 at 7 a. m.

To-day sowed samples of frosted wheat. Sorted it first into three grades. Counted out one hundred grains of each kind + sowed in sand in a box putting it when sown in a cool greenhouse

