



Minnesota State
Horticultural Society Letters
Received and Sent.

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UNITED STATES DEPARTMENT OF AGRICULTURE,
DIVISION OF STATISTICS,
OFFICE OF THE COUNTY CORRESPONDENT.

Feb 22nd

1897

P. O. La Crescent State Minnesota

Dear Friend Latham.

The enclosed copy duly read and contently noted
The general outline suits me except that I think we
ought to have two evening sessions one of them a
popular meeting with some good speakers, or to be
largely given up to the ladies or delegates from other
societies. The topics given out are all good and as
far as I am personally acquainted with the parties to
whom they are assigned I think they will be well handled
I think that perhaps it might have been better to have your
N. Peare on the subject of Best variety and stocks ^{apples} for top working
and place some one else on the Summer training of the
vineyard unless he chose the subject, and the wind
break is so important that I would suggest a second
paper by J. H. Nickner of Etwa. Would have liked to
have seen more ladies on the program. Such as Mrs Prescott
and Wedge of Albert Lea Mrs Kimball of Austin Co
I am now in excellent health, six inches of snow
fell last night

Yours Truly
J. S. Harris

Program

Sec'y A. W. LATHAM:

3 00

and two new members

Enclosed find \$ 3 in payment of my annual dues to the Minnesota State Horticultural Society for the year 1898,

Name

J. S. Jerabek

G. Bednar

Adolf. Makovsky

Post Office

Silver

Lake

Dated

Dec. 5th

1897

State

Minnesota

Tear off at this line and send to the Secretary with remittance.

Over

Premiums selected for
each are as follows: —

Gustav Bednar
Nos. 3, 4 & 7.

Adolf. Makovsky
Nos. 4, 5 & 11.

J. S. Jerabek,
for two new members,
Prof. Green's "Vegeta-
ble Gardening".



ВСЕМИРНЫЙ ПОЧТОВЫЙ СОЮЗЪ. РОССИЯ.
 UNION POSTALE UNIVERSELLE. RUSSIE.

ОТКРЫТОЕ ПИСЬМО. — CARTE POSTALE



A. W. Latham

*Secy Minn. State Hort. Society
 Kasota Block
 Minneapolis, Minnesota
 United States of America*

АМЕРИКА

На этой стороне пишется только адрес. — Côté réservé exclusivement à l'adresse.

Dear Mr Latham, Oct. 29-97,
In my extended
+ rapid traveling I have
found it impossible to write
the paper you wanted; I used
all the material in my Bulletin
No. 50 So. Dakota Exp. Sta. Perhaps
copious extracts will serve your
purpose. — I write this in
Bokara, in Central Asia.
Best regards from, N. E. Hansen.

I leave for Samarcand to-morrow.

J. M. UNDERWOOD, Pres'r.
J. COLE DOUGHTY, Sec'y.



The Jewell Nursery Co.

GENERAL
NURSERY STOCK
HOLSTEIN-FRIESIAN CATTLE

LAKE CITY, MINNESOTA. 12/26 1897

H. W. Satham,

Deputy-Minister, Salt Her. I.

Minneapolis, Minn.

Dear Sir: - First enclosed seventeen
names of new members -
and chks. for \$5.00 in payment
of their membership fees.

Please have this
subs. begin with Jan. 95 number
and labels. The number of
the premium they have chosen is
indicated opposite name -

Yours Pfy.

The Jewell Nursery Co.

ENCLOSURE.

Minneapolis Dec 14/
1897

A. W. Latham

Dear Sir

You mention in your Letter
about Express. Due Cole & Co. 25 c.
on some fruit I sent there for
Storage. it must be a misunderstanding
Because I paid the Express. the time
I sent it. to the Agent at Excelsior
if I understand you right that
What you mean - or bear the charge
twice for the Express.

yours truly G Johnson

La Crescent Mann Dec 17th 1897

Friend Latham, enclosed you the copy the
report of the Committee on Obituaries for
1897. It is not quite complete
in regard to Mr. J. Henry. Wm. W. W. &
Wm. Sanford - You can probably supply
dates in regard to Mr. W. and doubtless
will have a premium of Mr. Sanford in
your magazine. I wish to ^{try to} learn more of Mr. Henry

I reached home Monday
even after dinner in very good shape and
do not feel any the worse for the fatigues
of our late meeting -

Very Truly Yours
J. J. Harris

J. W. Latham
Minneapolis
Minn

John Sleight,	Rockford,	Minn.
Geo. O. Crandall,	"	"
John Dickson,	"	"
E. F. Williams,	Mples. Park,	"
H. G. Gage,	Weaver,	"
Edger Walker,	Lamberton,	" No. 7-8-9-
Hans. Haugness,	Hoyt,	" " 2-9-10-
M. McCabe,	Richfield,	"
C. B. Waddell,	St. Louis, Park,	" Box. 203
R. J. Hanson,	Revere,	" No. 2-3-10-
Clark Allen,	Boyd,	Wyo.
M. T. Holmes,	Hot Springs,	S. D.
Jas. W. Joyce,	" "	"
C. S. Jennings,	Park Rapids,	Minn.
D. M. Witter,	Osage,	"
John Lusenfeld,	"	"
Bernhard Otto,	Lester Prairie,	"

*850
mail*

New Members of Minn. S. Hor. Society

12/16 97-

A. W. Sackett, E



Minnesota

PUBLISHES A MONTHLY MAGAZINE,
ENTITLED

"The Minnesota Horticulturist."

Subscription, \$1.00 per annum, including membership.

State Horticultural Society.

President, J. M. UNDERWOOD, Lake City.

Office of

A. W. LATHAM, Secretary,

207 KASOTA BLOCK

Minneapolis, Minn., Dec. 18, 1897

Inter-State Manfg. Co., Hudson, Wis.

Gentlemen:

Is it your wish to continue your advertisement now running on the cover page of our magazine during the coming year, either in its present form or with such changes as you may suggest? It could be increased in size if you wish, as you could have the space just below that you occupy for an additional \$6.00, making the cost \$10.50. for the two spaces. The double corner would give you an opportunity for a more striking display in your "ad". We hope you will continue to give us your patronage. The bee keepers of the state are very generally members of our association. Our circulation is 1200 per month, bona fide, and most of the magazines go into second and third hands and are indefinitely preserved. *Please answer promptly, or our magazine goes to press Dec. 25th*

Yours very respectfully,

A. W. Latham Secy

We will use the same add as last year

Yours Truly -

Interstate Mfg Co



Morning Daily. Established 1865.
Evening Daily. Established 1885.
Weekly. Established 1865.
Sunday, Morning & Evening Circulation Consolidated

Omaha, Neb. Nov 22 1897

A. W. Latham

Dear Sir, Minneapolis Minn

The enclosed circular letter will explain our purpose in addressing you. We want to reach your state horticultural society and secure a delegate representative at our next meeting to be held at Lincoln Neb Jan 12 1898 in conjunction with the annual meeting of the state horticultural society of Neb. We desire to know what your state will probably do in relation to this enterprise. Hope to hear from you soon.

Yours G. W. Hervey
J. Perry

Sec'y A. W. LATHAM:

Enclosed find \$ 0 in payment of my annual dues to the Minne-

sota State Horticultural Society for the year 1898,

Name

J. A. Hovestad

Post Office

Crookston

Dated

Nov 26

189

State

Minn

Will be at meeting and remit,

Tear off at this line and send to the Secretary with remittance.

Minneapolis. Nov 30 - 97

A. W. Latham

Dear Sir

as I am not sure if i can be
in attendance and present my paper
in Person I mail you some in this
Letter to be sure to have it read
according to program

Yours Truly
Gust Johnson

Nov 29th 1897

Mr. A. M. Latham

Dear Sir

I am not much of a writer, but have wrote what little I could think of on the subject you gave me. I think I will be up to the winter meeting, but am not sure. If I do, I shall have to divide up my time with the Beekeepers as I am interested there, and I will have to get you to look after my paper if you think it worth reading.

If any thing happens I do not come will send you my membership fee

yours Respt

J. A. Howard

Hammond

Ill.

POSTAL CARD - ONE CENT.

United States America

THIS SIDE IS FOR THE ADDRESS ONLY.

A. W. Latham,
207 Kasota Block,
Minneapolis
Minn

La Crescent Minn Dec 3rd 1897

Friend Lathrop, Yours of 1st inst at hand
I am now enjoying excellent health and
am making good progress in my preparations
for the meeting. I expect to come up on
the Fast Mail Monday Hoping to meet
there a great number of old Pioneer friends
I remain yours truly
J. S. Harris

Excelsior. July 30/97

A. M. Latham

Dear Sir yours of the 21
Received. When you want to know
how the fruit prospect is with me
for contributing to the Exhibit
of some specimens are pretty good
but dont now yet how much
would be for shipment for the
Winter Meeting or State fair
I have been so busy with the berry
crop so far with when unusual
heavy that i have not had much
time looking over the ground
Now about the 50 lbs grapes
you would need i dont think

i could furnish. you Because
my grapes is having a off year
The Court Look its have quite
got over the, Root Killing of a year
ago. The are growing fine this summer
But there are many kinds not
bearing any; and some
small imperfect clusters.

The Worden and Concord and
Vergermes. A Myaming Red one
among the Best as I have. if my
grapes. Would bear as of former
years. Could have furnished you
of the different varieties probably
of this kind. you have some before.
Yours Truly G. Johnson

Vinecroft, Excelsior, Minn., Dec. 3, 1897

Mr. A. E. Latham,

Kasota Block, Minneapolis.

Dear Sir;- I lost your letter stating the time when my essay was due, and did not find it until yesterday, but if too late, it will not be a great loss.

Respectfully,

Sophronia Irwin

POSTAL CARD ONE CENT.



United States America



THIS SIDE IS FOR THE ADDRESS ONLY.

A. M. Latham

207. Kosota Block.

City

Minneapolis. Nov. 6. 97.

A. W. Latham. Dear Sir

Will you please send the Horticulturist
after this to this city in place of Excelsior
Before and have the address changed at once
to 2254 Franklin av. E. city
Yours Truly G. Johnson

La Crescent Nov 15th 97

Dear Friend Lathan
I enclose with this a set of a
Calendar for Dec to March.

My health is now improving very
fast. I have gained several pounds in
weight and feel quite young and smart.
I shall begin at once to prepare for the
winter meeting. Will send Station Report
to you soon this week.

It has been so dry that I have not
had any snow this day and
if we do not get some more by
it freezes up we are liable to meet with
heavy losses from root killing.
Secure me a good place to sleep during
the winter yours truly
J. S. Harris

POSTAL ONE CENT.

MINNEAPOLIS
SEP 3 1897
U.S. POST OFFICE
MINN.
NEW YORK
SEP 3 1897
MINN.
United States of America.

THIS SIDE IS FOR THE ADDRESS ONLY.



Mr. A. W. Latham,

207 Kasota Block,

Minneapolis,

Minn.

Vinecroft, Excelsior, Sep. 3, 1897.

Mr. A. W. Latham,

Dear Sir;- Will ship your grapes on
Monday next on the noon train and hope they will
arrive in good condition.

Yours truly,

Mrs. S. Irwin.

Vinecroft, Excelsior, Minn., July 30, 1897

Mr. A. W. Latham,

207 Kasota Block, Minneapolis.

Dear Sir;- Yours was duly received. I cannot say certainly whether I can make an exhibit or not, but if you will send me a premium list will look into the matter. Think that I have not a single perfect Duchess apple in my orchard and indeed it would be hard to find a dozen all told. The blight struck the Wealthy in the cultivated soil so badly that I fear I shall lose all the trees. I cannot tell what the developments on the one on the hillside may be, but if favorable will be pleased to send some of its best specimens to the fair. Grapes are all right up to date and are rapidly coming on.

Yours sincerely,

S. Irwin.



The Lakewood Greenhouses & Floral Company,

JACOB HARTMANN, M'g'r.

GREENHOUSES CORNER HENNEPIN AND 36TH STREET.

Minneapolis, Minn. Aug 20. 1897

Mr A W Latham,

Dear Sir

Your note from Aug 17. is on hand
I think we will exhibit for
most everthing in the line of plants.
Cut flowers etc.

Yours truly

J. Hartmann

Friend Latham July 27th

Find hastily written
copy of Calendar for Aug 2

I do not believe that I can do
my self credit by exhibiting my fruit
at next State. The crop is slight
& quality poor and a great many
varieties are not bearing any thing.

However I will look the orchard over
and see what can be done. I
am thinking seriously of attending
the meeting of the American Pomolo-
gical Society this fall

Yours Truly
J. S. Hutton

Excelsior Aug 20/97

A. W. Latham

I Will here by notify you
that I have this day sent 2 Boxes
of Fruit by Express to Dole.
Cold Storage one Box for State fair
One for the Winter meeting
as per your Request in your Letter
of Shipping Tag and report.

I. Remain yours. Truly Yours
Excelsior Minn

Box 139

J. M. UNDERWOOD, PRES'T.
J. COLE DOUGHTY, Sec'y.



The Jewell Nursery Co.

GENERAL
NURSERY STOCK
HOLSTEIN-FRIESIAN CATTLE

LAKE CITY, MINNESOTA. Aug. 30, 1897.

DICTATED BY TO

A. W. Latham, Esq,
207 Kasota Block,
Minneapolis, Minn.

Dear Sir:-

Will you kindly have our fruit shipped from the cold storage on Thursday, Sept, 2nd, as we want to begin work on it at the Exhibition Grounds Friday morning ?

Thanking you in advance for the courtesy, we are

Very truly yours,
The Jewell Nursery Co.



A. W. LATHAM,
Sec'y Minn. State Hort. Soc'y,
207 Kasota Block,
Minneapolis Minn.

June 5 - 97

I wrote the letter as
requested, would be
very much disappointed
to not receive the Hook-
cultivist, as I would wish
it more than I would all
of the county papers.

Yours Respect
J. A. Howard
Hammond
Ind.

POSTAL CARD - ONE CENT.

United States of America.

THIS SIDE IS FOR THE ADDRESS ONLY.



A. A. Latham
Sec. Minn. Hort. Society
207 Kasota Block
Minneapolis

Washburn, Minn.
Oct 21 - 1897.

Mr. Latham,
Dear Sir: - Will you
please tell me the name
of the man and where
he lives who owns the
field of raspberries lying
just south of your land
near Excelsior and greatly
oblige?

Yours very Truly
W. S. Higbie

POSTAL CARD - ONE CENT.

United States of America.

THIS SIDE IS FOR THE ADDRESS ONLY.



A. W. LATHAM,
Sec'y Minn. State Hort. Soc'y,
207 Kasota Block,
Minneapolis, Minn.

Crystal, Minn.

June 11, '97

Friend Latham, -

I send with this a letter to
the State Auditor, as you requested.

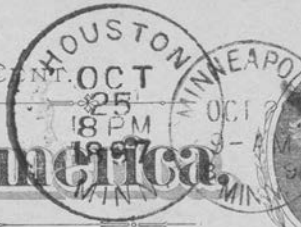
Fraternally yours



Faques
per

Mrs. J.

POSTAL CARD - ONE CENT.



United States of America.

THIS SIDE IS FOR THE ADDRESS ONLY.

A. W. Latham
207 Kasota Block
Minneapolis
Minn

La Cresent Minn Oct 25th 1895.

Dear Sir, Yours of 21st duly recd, It found
me on the mend but it will take another
week to get into working condition, I am
now visiting my daughter at Money Creek for
3 or 4 days, I had not heard of the death of
friend Pearce. The Silent Reaper is thinning out the old
retirees, Taylor, Pond, Brimhall, Clark, and Potts & Pearce
since the last annual meeting. He had a splendid
time in Arkansas and I think it has done my wife
much good, When I get around to it I will prepare
something for the magazine or take a little time at
meeting, Yours Truly J. S. Harris

POSTAL CARD - ONE CENT.

United States of America

THIS SIDE IS FOR THE ADDRESS ONLY.

A. W. LATHAM,
Sec'y Minn. State Hort. Soc'y,
207 Kasota Block,
Minneapolis, Minn.

4 PM
1837

MINN.
BERT
MAR
5
M



2-5-1897.

Dear Sir -

Yours of recent date
at hand. I shall not be
able to write the paper you
suggest. My experience in
~~in~~ growing evergreens has been
very limited and mostly of the
wrong kind yours

L. L. Hill

Albert Lee, Minn

POSTAL CARD CENT

United States America



THIS SIDE IS FOR THE ADDRESS ONLY.

A. W. Latham, Esq,

207 Kasota Block,

Minneapolis, Minn.

Lake city, Minn. 9/28, '97.

Dear Sir:-

We note that a typographical error made our communication of last night read 4 baskets grapes, where it should have been " a basket of grapes."

We write you that you may not be on the look out for more than the one, though we would be glad to send 'em, if we had them.

Very truly yours,

The J. N. Co.

The Fountain.

PUBLISHED EACH THURSDAY.

The Best Advertising Medium in
Carroll County.

SUBSCRIPTION \$1 PER YEAR.

• • •

Bureha Springs, Ark., Sept 27th 1897

Dear Friend Lathams

I am now sojourning for a few days in the land of big red apples and gum being completely used up by our State Fair and work at the La Crosse State Fair the following week with the bustling of getting ready to enter the advantage of excursions rates here I could not well prepare a reliable Calendar for October. I am now getting rested up, begin to have a right smart appetite and sleep well, and expect to do some exploring this and next week and will probably start for home Tuesday Oct 12th. They are in the midst of a great drought here, no rain has fallen for 2 months and it is hot and dusty. There is no land to spare in this immediate vicinity it is all needed to furnish dust and to some extent powdered rock is used to help out the supply. Notwith it is a wonderful country

"Wincroft" Cayalvi Sep 17th

Mr C. W. Latham,

Dear Sir - I think I recd
18 cts per basket for grapes on the day
that I sent yours. if agreeable you can
send me the "Horticulturalist" for one year
and the ballance any way you choose.

Respectfully

S Jawin

Sweet Potato roasts as
Grossum can be caught - but may
not be all to accept as I expect to
start for home next Tuesday (12th)
I was much surprised to hear of
the sudden death of Mr. E. J. Cutts -

Some times I wonder why the bright, young
and enterprising are taken while I who
have been old and almost worn out in the
service am spared to see the approaching
dawn towards which I have been anxiously
looking for almost half a century - The day
when Minnesota shall lead the world in
apple production

I would like to have you send a
copy of the Oct Magazine to Mrs E. J. Bridger
Eureka Springs, Ark.

With best wishes to all friends I

remain

Yours Truly
J. S. Harris

E. J. Bridger
Sent
10.11.97

Enrique Springs Ark. Oct 8th 97

Dear Friend Latham

Yours of recent date also report to magazine
duly received. I am feeling very well
and enjoy my self the best I know
how. It is so warm dry and dusty
that I do not go around as much as
I would like to. I have taken a trip down
the Fanner road as far as Fayetteville
and pronounce it the best fruit region
I ever saw. The Apple crop of Washington
and Benton counties will bring nearly
half a million dollars into that section of
country. Our here has very young and very
heavy and are now injured by the winter
cold. but the big beetle and Caterpillars
has invaded the orchards and must be fought
with diligence to ensure the perfect "Big
red apple". I have many interesting adventures
and am well raised every where. Yesterday
I was invited out to a possum &



N. E. HANSEN, HORTICULTURIST.

United States Experiment Station of South Dakota.

DEPARTMENT OF HORTICULTURE.

Brookings, S. D., 6-1-1897

I have been appointed a special agent by the Secretary of Agriculture, Professor James Wilson, to visit eastern Russia, Siberia and the elevated plateaus of Central Asia to gather farm, tree, garden, shrub and fruit seeds. I will leave in a very few days and expect to be gone all summer and fall. The few plants we already have from this dry inland region are hardy here, and hardy far up into Manitoba and N.W. Territory. Hence we hope to get many plants of value for the prairie Northwest, and we will try to get as complete a collection as possible. I hope to tell you more about it when I get back to Brookings.

Yours Truly N. E. Hansen.

La Crescent Oct 19th 1897

Dear Friend Latham, We get home from
our Arkansas ^{trip} on Thursday in good shape
having had a very enjoyable time but have
since been taken with our old army complaint
which is pulling us down very fast and
so far does not yield to the usual remedies
I think that I am slightly better
this morning but am scarcely able to
sit up - Enclosed find copy for Calender
for her Remember me to all friends

Yours Truly J. S. Harris

Please to send a
cloth bound copy of the last
annual report by mail to

Albion W. Holden.

Grant,

Minn.

Washington Co.,

139
ans
7.1.97

EXECUTIVE OFFICERS.

E. R. MOSES, Chairman,
Great Bend, Kansas.
BRIGHAM YOUNG, First Vice-Prest.,
Salt Lake City, Utah.
E. G. HUDSON, Second Vice-Prest.,
Lincoln, Ill.
A. G. UTLEY, Treasurer,
Providence, R. I.
C. M. HEINTZ, Secretary,
Los Angeles, Cal.
JUDGE J. S. EMERY, Nat'l Lecturer,
Lawrence, Kansas.

National Irrigation Congress

SIXTH ANNUAL SESSION

LINCOLN, NEBRASKA, SEPT. 28th, 29th and 30th, 1897.

OFFICE OF
C. M. HEINTZ,
SECRETARY

Los Angeles, Cal., 9/7/97. 189

Mr. A. W. Latham,
Secy. Minn. State Horticultural Society,
Minneapolis, Minn.

Dear Sir:

I very much regret that I can supply you with but one report of the Irrigation Congresses, viz., the Fifth. If you will write to Mr. Max Frost, Santa Fe, N. M., he will doubtless be able to give you the report of the Fourth Congress; and Mr. Fred L. Alles, the former secretary, whose address is Los Angeles, may be able to send you the previous reports, or tell you to whom to apply for same. I mail you the report of the Fifth Congress herewith, and trust it will reach you in due time.

Do you expect to attend the coming Congress at Lincoln, Neb.? I should be much pleased to meet you, and hope you can attend.

Respectfully,

C. M. HEINTZ,
Secretary.

OFFICE OF



S. B. HITT,



DEALER IN

CONFECTIONERY, FRUIT,
CIGARS AND TOBACCO.

COR. FRONT AND FIFTH STREETS.

Brainerd, Minn., Sept 4 1897

A W Latham
Dear Sir

Please send
List of Varieties of Fruits
That are adapted to This
Climate, also where is
There a reliable Nursery
Yours truly

S B Hitt

[Handwritten flourish]

2¢ 2¢ 2¢ 2¢
2¢ 2¢ 2¢ 2¢
2¢ 2¢ 2¢ 2¢

EXECUTIVE OFFICERS.

E. R. MOSES, Chairman,
Great Bend, Kansas.
BRIGHAM YOUNG, First Vice-Prest.,
Salt Lake City, Utah.
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Lincoln, Ill.
A. G. UTLEY, Treasurer,
Providence, R. I.
C. M. HEINTZ, Secretary,
Los Angeles, Cal.
JUDGE J. S. EMERY, Nat'l Lecturer,
Lawrence, Kansas.

National Irrigation Congress

SIXTH ANNUAL SESSION

LINCOLN, NEBRASKA, SEPT. 28th, 29th and 30th, 1897.

OFFICE OF
C. M. HEINTZ,
SECRETARY



Los Angeles, Cal., 9/14/97. 189

Mr. A. W. Latham,
Minneapolis, Minn.

Dear Sir:

Mayor Pratt of your city notifies me that he has appointed you as a delegate from the City of Minneapolis to the coming Sixth National Irrigation Congress, to be held at Lincoln, Neb., Sept. 28-30. I trust to have the pleasure of meeting you there in due time.

Very truly yours,

C. M. HEINTZ,

Secretary National Executive Committee.

MINNEAPOLIS & ST. LOUIS RAILWAY.

W. H. TRUESDALE, RECEIVER.

A. W. Latham,
 Secretary M. & S. R.
 Minneapolis Minn.

New Market 9-17-1897

Dear Sir:-

Please note change of my ~~address~~ address
 have moved from 326 N.E. 5th Street To my
 former address as follows.

A. M. Hartmann,
 New Market

Please address all copies to this place
 Scott. County. Minnesota

J.M. UNDERWOOD, PRES'T
J. COLE DOUGHTY, Secy.



The Jewell Nursery Co.

GENERAL
NURSERY STOCK
HOLSTEIN-FRIESIAN CATTLE

LAKE CITY, MINNESOTA.

189

- | | | | |
|------------------------|--------------------|-----------------|------------|
| 1. Wm. Rudig, | White Rock. | S.D. | |
| 2. John May, | Burschville | Minn | |
| 3. Thomas Welch, | Platteville | Wis. | |
| 4. Robt B. Muirhead | Deepawa | Man. | |
| 5. Seth Cedarholm | Scandia | Minn | Lot #4+5+7 |
| 6. J. W. Poor, | Argus Falls | " | |
| 7. Lehas Sherman, | Maple Island. | " | Lot 2-5-3 |
| 8. William Stunt | Deepawa | Man. | Man. |
| 9. Hugh Keily | Gracerville | Minn | |
| 10. Sydney J. Hammond. | Portage La Prairie | Man. | |
| 11. Jas. J. Gelf | Egan, | S.D. | |

\$ 5 50

J.M. UNDERWOOD, Pres't
J. COLE DOUGHTY, Sec'y.



The Jewell Nursery Co.

GENERAL
NURSERY STOCK
HOLSTEIN-FRIESIAN CATTLE

LAKE CITY, MINNESOTA. 9/20 1897

Mr. A. W. Satham.

\$ 5⁵⁰/₁₀₀

Buy. Wm. E. H. Allen.

Ampl. - ~~man~~

Dear Sir: - Please find enclosed my new membership to your society, and also check for \$5.00 in payment of the first Annual meeting Oct. 1st issued by Wm. H. S. to the

The Jewell Nursery Co.

UNITED STATES DEPARTMENT OF AGRICULTURE,
DIVISION OF STATISTICS,
OFFICE OF THE COUNTY CORRESPONDENT.

Aug 31st

1897

P. O. La Crescent State Minn

Dear Friend Latham

Yours of 28th came
to hand yesterday I did not get him
from Albert Lea until Saturday evening
Had a very good time, but much rather
has been with your party and gone to Corps
Weeks has a fine Show of Apples this
year and will be able to put me down
to the foot of the list of Professionals
I have sent up a lot of entries by this
mail and if the weather is favorable will
begin to pick samples of fruit tomorrow
We are now having a thunder shower and
high wind and expect to have to pick part
of them off the ground instead of the trees
I have reluctantly given up going to the
meeting of the American Farm Society. It was
again the late too much haste to get there
I find that I am but the Youth Panel was
Yours Truly J. S. Harris

J. M. UNDERWOOD, PRES'T
J. COLE DOUGHTY, Sec'y.



The Jewell Nursery Co.

GENERAL
NURSERY STOCK
HOLSTEIN-FRIESIAN CATTLE

LAKE CITY, MINNESOTA.

57-10 1897

A. W. Sachar, Secy
Minn. B. Horticulture Soc.
Minneapolis, Minn

Dear Sir - Find names of 13 new
members to the Hort. Socy -
and Chk for \$6.50 in payment
of their dues. Please send
any number of the magazine
to them.
Yours Resp
The Jewell Nursery Co.

Enclosure.

Premium List June 26th 1897

Chas Strunk	Drum State Hort. &	Jordan Trinn
Wm Robinson	" " "	Maple Plain "
Eli Robau	" " "	Waverly, Hight. Co., "
J. W. Smith	" " "	Morris Trinn
C. W. Edmonds	" " "	Morris Trinn
John C. Ince	" " "	Maple Glenn Scott Co Trinn
Peter Kessler	Morris	"
Geo Sibbow	"	"
A. C. Spindell	"	"
F. S. Seaman	"	"
Henry Klein	"	"
John A. Bengtson	"	"
Andrew Cook	"	"

York
New
Co.

A. W. Sackett - Secy

Maple -



The Jewell Nursery Co.

J. M. UNDERWOOD, PRES'T
J. COLE DOUGHTY, SEC'Y.

GENERAL
NURSERY STOCK
HOLSTEIN-FRIESIAN CATTLE

LAKE CITY, MINNESOTA.

189

J. H. Hilton,
P. Emerson,
Victor Anderson
T. Skyleson
G. St. Dow
James C. Kane
Jake Lang

Callender, Iowa
Toronto, I.D.
Morris, Minn
Newcastle, N.Y.
" "
" "

✓
✓
✓
✓
✓
✓

3⁵⁰
17.31.99

J.M. UNDERWOOD, PRES'T
J. COLE DOUGHTY, SEC'Y.



The Jewell Nursery Co.

GENERAL
NURSERY STOCK
HOLSTEIN-FRIESIAN CATTLE

LAKE CITY, MINNESOTA. 7-31- 1897

A. W. Sathaw,

Decy. Minn. S. N. S.

Dear Sir:-

Minneapolis Minn.

Find enclosed seven
names of new members

of the Minn. S. Socy -
also chk. for \$3.50 in payment
of their membership dues

J. W. Underwood
The Jewell Nursery Co.

\$ 3 ⁵⁰/₁₀₀



THE MINNESOTA HISTORICAL SOCIETY.

HON. ALEX. RAMSEY,
President.
WARREN UPHAM,
Secretary and Librarian.

DAVID L. KINGSBURY,
JOSIAH B. CHANEY,
Assistant Librarians.

St. Paul, Minn. Aug. 6, 1897.

Mr. A. H. Latham,
707 Kasota Block,
Minneapolis, Minn.

Dear Sir:

Kindly send two (2) copies of
"The Minnesota Horticulturist", for July,
1897. I enclose twenty cents (20), in stamps
to cover cost of same.

Respectfully yours
D. L. Kingsbury,
Acting secretary.

POSTAL CARD - ONE CENT.



United States of America

THIS SIDE IS FOR THE ADDRESS ONLY.

A. W. Latham
Minneapolis

207-Kasota Ben

M

Dear Sir

Aug - 7th 1897

Will you please advise W. A. Dole
that we have ^{by express} ~~sent~~ ^{to} day shipped ~~two~~
2 Cases of samples for State Fair.
We have mislaid the cards you
sent & could not get the address -
are a little afraid the fruit might lay
over Sunday in the Express office
Please send some more cards
Yours truly
The Jewell Nursery Co





THE MINNESOTA HISTORICAL SOCIETY.

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President.
WARREN UPHAM,
Secretary and Librarian.

DAVID L. KINGSBURY,
JOSIAH B. CHANEY,
Assistant Librarians.

St. Paul, Minn. Aug. 10, 1897.

Urs. A. W. Latham, Secy
Minnesota Horticultural Society,
707 Kasota Block, Minneapolis, Minn.
Dear Sir:

Allow me to thank you for the copies of the Minnesota Horticulturist for July, 1897. In reply to your kind offer to supply the Horticulturist, I find that the Secretary, Warren Upham, wrote you on April 15th. 1896, stating the deficiencies in our files, or, rather, what we had, and asking you to supply the volumes lacking.

The only complete volume that we have, other than vol. 22, which you kindly sent, bound, is vol. 23, 1895. None were received during 1896.

THE MINNESOTA HISTORICAL SOCIETY.



HON. ALEX. RAMSEY,
President.
WARREN UPHAM,
Secretary and Librarian.

DAVID L. KINGSBURY,
JOSIAH B. CHANEY,
Assistant Librarians.

St. Paul, Minn. _____ 189

and the initial ~~no~~ of vol. 75, 1897.

I have not your reply to Scytlepleau's letter, at hand, so, do not know what reply you may have made.

It seems strange, and certainly is unfortunate, that this society should have the publications of nearly all the Horticultural Societies; particularly that of Massachusetts, and not have those of its own state.

The fact is, this society has less difficulty in securing complete files of publications, and reports of societies of other states, and foreign, as well, than it does of those institutions, which are of far greater importance to the state, and the society.



THE MINNESOTA HISTORICAL SOCIETY.

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DAVID L. KINGSBURY,
JOSIAH B. CHANEY,
Assistant Librarians.

St. Paul, Minn. _____ 189

I do not wish, and do not intend, to
be personal, for the same fault appertains
to nearly every State institution, and
society, being obliged to ask for their
reports every year. Again thanking
you for your kindness, I remain

Very respectfully yours
D. L. Kingsbury,
acting secretary.

J. M. UNDERWOOD, PRES'T
J. COLE DOUGHTY, Sec'Y.



The Jewell Nursery Co.

GENERAL
NURSERY STOCK
HOLSTEIN-FRIESIAN CATTLE

LAKE CITY, MINNESOTA.

189

Names for membership of Minn. State Hort.

- | | | |
|---------------------|--------------|-------|
| 1. Thomas Lucas, | Cambria, | Iyo. |
| 2. Frank B. Hawcett | Newcastle | " |
| 3. J. F. Johnson | Lehokis | Minn. |
| 4. Ole J. Olson | Morris, | Minn. |
| 5. Carl Scott | Geneva | B. D. |
| 6. J. M. Cameron | Kilmot | B. D. |
| 7. Albert Batdorf | Maple Plain, | Minn. |
| 8. John Pagenhopf | " " | " |
| 9. John Kling | Donnelly | " |

R. W. Jackson

J.M. UNDERWOOD, PRES'T
J. COLE DOUGHTY, Sec'y.



The Jewell Nursery Co.

GENERAL
NURSERY STOCK
HOLSTEIN-FRIESIAN CATTLE

LAKE CITY, MINNESOTA.

May 14 1897

A. H. Sutherland.

Buy M.S. H.S.

Dear Sir: Find enclosed some
names of new members
of the Assoc. Society also
of chks for \$450 in payment
of their dues.

The Jewell Nursery Co.

\$ 450



THE MINNESOTA HISTORICAL SOCIETY.

HON. ALEX. RAMSEY,
President.
WARREN UPHAM,
Secretary and Librarian.

DAVID L. KINGSBURY,
JOSIAH B. CHANEY,
Assistant Librarians.

St. Paul, Minn. Aug. 16, 1897.
Sent all but 76-79-80

Mr. A. H. Ratham, Secretary,
207 Kasota Block,
Minneapolis, Minn.

Dear Sir:

In reply to your kind favor of the 13th inst. The only complete volumes are 22-bound, and 23 unbound. Of volume 22-unbound we have the following numbers, 1, 2, 3, 4, 7, ⁴8, 10, 11, 12. These, and those of volume 23, have come to us from the Government offices, and other sources. - no. 1, vol. 25 from same source. Other than the above, the Society has none. If you should send missing files unbound, I would prefer to have nos. 5 and 6 of vol. 22, so as to have set bound uniform



THE MINNESOTA HISTORICAL SOCIETY.

HON. ALEX. RAMSEY,
President.
WARREN UPHAM,
Secretary and Librarian.

DAVID L. KINGSBURY,
JOSIAH B. CHANEY,
Assistant Librarians.

St. Paul, Minn. _____ 1897.

If you can make use of the three extra nos. 8. of volume xv, I shall be please to send them to you. It is a great satisfaction to know that we are to have a complete set of the Horticulturist, as the Society aims to have all publications published in Minnesota, of whatever character, for the information, and edification of posterity; and your publication will certainly be of interest to the horticulturists of a hundred years hence; and, there is no place where they are as likely to be preserved, as in the vaults of this institution, whose sole purpose is the preservation of all material pertaining to our State. This society will pay freight.

Very respectfully yours
D. L. Kingsbury, acting secy

THE MINNESOTA HISTORICAL SOCIETY.



HON. ALEX. RAMSEY,
President.
WARREN UPHAM,
Secretary and Librarian.

DAVID L. KINGSBURY,
JOSIAH B. CHANEY,
Assistant Librarians.

St. Paul, Minn. Aug. 18, 1897.

Mr. A. W. Latham, Secretary,
Minnesota Horticultural Society,
Minneapolis, Minn.

Dear Sir:

The package of Horticultural Reports was received on yesterday, and found correct, as indicated in your letter of yesterday. The receipt of these reports has, in a measure, cleared up the matter of stock age of the Horticulturist; and, as I cannot give a lucid explanation in a letter, I shall do my self the honor to call on you on tomorrow forenoon between 9, and 10, a.m.

Respectfully yours

D. L. Kingsbury, acting Secy.

POSTAL CARD ONE CENT.

United States of America



THIS SIDE IS FOR THE ADDRESS ONLY.

A. H. Latham, Secy
Minnesota Horticultural Socy
Minneapolis,
707 Kasota Building. Minn.

MINNESOTA HISTORICAL SOCIETY.

St. Paul, Minn.

Aug. 21, 1897,

This Society has received

Transactions June 30, 1875 and
Jan. 1879, & 20 1876. January 21-23, 1879,
January 20-22, 1880.

as a gift, for which a grateful acknowledgment is tendered.

Yours respectfully,

WARREN UPHAM, Secretary.

Wagzata Minn

Aug 19/97

Mr Latham

Dear sir

Could you
tell me who is in charge
of the poultry exhibit at
the State Fair this fall.
I do not know the secretary's
address so I write to you.

Yours truly

Clarence J. Aquith

Sent from list

POSTAL CARD - ONE CENT.

United States of America

THIS SIDE IS FOR THE ADDRESS ONLY.



Des. Horticultural Society
Minneapolis
Minn.
~~St. Anthony Park~~

The Iowa State Library

Des Moines, May 22 1897

The Library has received from Soc. Horticultural
Society 9 Reports

A contribution for which a grateful acknowledgment is returned.

With great respect, very truly yours,

Laura H. Cape

State Librarian.

ASSOCIATE EDITOR

"Farm, Stock and Home,"

THE OLDEST AND LEADING

AGRICULTURAL JOURNAL

IN MINNESOTA.

PUBLISHED AT

MINNEAPOLIS,

MINNESOTA.

ESTABLISHED 1856.

SUNNY SIDE GARDENS FOR EXPERIMENTAL AND PRACTICAL

HORTICULTURE.

OFFICE OF

JOHN S. HARRIS,

La Crescent, Minn., Aug 20th 1897

My Dear Friend La Thum

I believe that I have never replied to your last letter, About the meeting of the Pom Socy, I saw a statement in G. F. Farmer about 6 weeks since that it would meet at Columbus Ohio Sept 12 & 13rd but have seen no other notices or heard any thing from the officers Therefore it is most likely that I will come up to the State Fair and probably make a small exhibit in order to hold my place as the oldest continuous exhibitor in Minnesota I began at the State Fair in 1866 and have not missed a single fair since My Orchard is not bearing much this season and the fruit is generally of low grade I have more blight and scab than ever before Bearing pear trees all dead Peach trees did not bloom plums smaller than usual and grapes below medium I would like to have seen our fruit exhibit this year a grand success and hope that it will be If it had not have been for that \$2.00 entry fee I think that by giving a weeks time I could have got 20 or 30 farmers

in this region to make entry, and send up
fruit but they will not pay out much money on
uncertainty. Wm' O'ford is the only one I know of
that thinks of sending up apples.

I do not expect that Miss Leonard will exhibit
fruit stores this year. I have promised her fruit to
prepare but her Mother's health is such that she
cannot do the work at my place and business
debarred from premiums.

My 71st birth day passed over so quietly last
Wednesday Aug 17th that I could hardly realize that
I am past my byword days.

Please remember me to all enjoying
friends

Yours Truly
J. S. Harris

P.S. Perhaps it would be well in next Magazine
to request parties having new seedling fruit in bearing
this year to notify me or send me samples of fruit

La Crescent Minn May 10th 1897

Dear friend Latham; yours of 7th inst recd promptly. It finds me in very fair health but for several weeks past I have had trouble with my right hand and could not write more than 2 or three lines at a time so as to be legible. At first I feared it might be paralysis but it seems to have been rheumatism. It is recovering but I cannot manage a pen much yet. I regret that the ^{late} Legislature was so far behind the age. I wrote several letters to our members from this county but never got any replies from them. The sentiment of the people in this part of the State is in favor of furnishing ample means for ~~the State subject~~ to carry on their work the woolyaphis. It is unfortunate that the scale bill was lost. Its only demerit was that it did not cover the whole ground. It should have been strong enough to shut out all Missouri and Western Iowa trees.

2
The Woolly Aphis of the Apple has been introduced on nursery stock from those places and is liable to do great damage to our orchards and not a tree from those sources should be planted before ^{being} thoroughly disinfected, and trees that have been set should if they do not show signs be examined, and if the aphid is found, dug up and burned and the soil in which they stood disinfected with fluid Carbon Bisulphate.

As this insect has been most prevalent in the South half of Missouri it has been believed that it would not survive our Minnesota climate but I know by personal observation that it has survived the last five winters. I have heard of only

~~one case of the San Jose scale in this County and that on a tree brought from California but that was discovered in time to prevent its spread. On Found I ought to be severely handled for the part he took in defeating the bill.~~

~~I think the Summer meeting should be held at the Experiment Station unless some La Crosse, Wis. 10.97 J. S. Harris~~

3
~~Yes if life & health is spared
I will prepare a paper on Transplants
Especially their subsequent care for
next Annual meeting -~~

"Out look for fruit here is pretty
good, I have set 250 more trees
in the experiment of Orchard -
I wish god could drop down and
see me this Spring"

~~James Smith~~
La Crosse J. S. Harris
5.10.97

~~Ps, I am about to go out of my
farming - and shall charge it up to the
defeat of Bryan & Lynd at last Election~~

Found Latham's enclosed copy is brief
and hastily written I have a headache to bother
me to day - and several letters that are
demanding answers My hand has pretty
much recovered from its lameness - but
my eyes are bothering me at present -

I have a brief report to make in three weeks
scarcely apples but may not get it ready for
some May - Yours truly
J. S. Harris

La Crescent Sun June 1st 97

Friend Latham

~~Yours of yesterday at~~

~~hand. I think that I will be able~~

~~to draft calendars for balance of season.~~

~~Prof Pendergast's suggestion is a good~~
~~one I hope our farmer members will put it~~
~~into practice. We had a hard frost~~
~~here this morning which has done~~
~~great injury to the berries and grapes~~
~~in some localities I do not think~~
~~my loss by it will be very great.~~

~~Not more than $\frac{1}{4}$ of the Strawberries~~
~~are blackened, and it scarcely touched~~
~~the grapes - cannot discover any~~
~~injury to apples and plums -~~

~~The cherries had nearly all dropped~~
~~off before this. Am getting a fine~~
~~rain this P.M. which is very welcome~~

~~Yours Truly~~
La Crescent June 1, 97 J. S. Harris

No compulsion about using enclosed
copy -

ASSOCIATE EDITOR

"Farm, Stock and Home,"

THE OLDEST AND LEADING

AGRICULTURAL JOURNAL

IN MINNESOTA.

PUBLISHED AT

MINNEAPOLIS, MINNESOTA.

ESTABLISHED 1856.

SUNNY SIDE GARDENS FOR EXPERIMENTAL AND PRACTICAL

HORTICULTURE.

OFFICE OF

JOHN S. HARRIS,

La Crescent, Minn., Aug 29th 1897

Found Letter

Copy of notice of Summer meeting at hand. It suits me and does not need any criticism. I would prefer to have date June 16th or 17th.

Reply to yours of 27th. I do not think that you had better depend very much on any paper on Honey Locust. Agents say that I am not very reliable but I will endeavor to get off a few remarks on next 2 short pieces.

I am terribly crowded with work at present. Bugs badly caterpillars pruned, hives be as all come at once and next week I am to be turned out of doors by "Honey cleaners."

Frost has not done any damage so far and the berry crop looks quite promising.

Hastily Yours
J. S. Harris

The Miss State Horticulturist

PREMIUM.

A. W. Satham.

Decy. Min. S. A. S.

DATE

Apr 12 '97

Name

Minneapolis

Postoffice

mi

State

	Name	Postoffice	State
1	Frank. Garden	Vicksburgh,	Miss
2	James. H. Sullivan	Graceville,	"
3	Jos. Olasen,	Loretto,	"
4			
5			
6			
7			
8			
9			
10			

place like Rev. Wm. Sherid³ offer some thing
inducements to have it - Money would
of course bring out more exhibits than
diplomas - but as you hint that may be
out of the question

I would say offer prizes or not to exceed 10
varieties in single plates - A first & second
prize for the best market berry some
on best berry for family use health
hardiness and productiveness to be considered
as well as quality of fruit and require
every exhibitor to furnish a short article on soil
treatment methods by which they were grown
and award a diploma to the best article.

If my hand continues to improve I will
prepare a calendar for June.

I should like very much to see the
portrait of the late Ephraim Nelson appear
in the June Magazine and will make
an effort to get a copy of his signature
We want more Women in our Portrait
gallery - and I believe more in "Tapestry than
Epitaph" and if you approve of it I
will send up a picture of Mrs H.

Crystal, Minn., 6/18, '94

Friend Latham

Owing to the sickness of my brother who lives with me it is doubtful whether I shall be able to attend The Summer Meeting, but will do so if possible; also be glad to do what I can. Yet under the circumstances I think it best for you to leave me off the program

Sincerely yours-

E. K. Jaques
(Mrs. J.)

To
A. W. Latham

Sec'y Minn. S. Hort. Society
Minn.

207 Kasota Block.

a. W. Hunt	Minn	S.	Horticulturist	Tell Rapids S.D.
Richard Bennett	"	"	"	Montrose Wright Co Minn
L. A. Morrison	"	"	"	South Shore S.D.
H. R. Briggs				Houston Minn

New Members
 A. W. Sutherland Secy.
 Minn. S. Socy
 Minneapolis
 Minn

J. M. UNDERWOOD, PRES.
J. COLE DOUGHTY, SEC'Y.



The Jewell Nursery Co.

GENERAL NURSERY STOCK
HOLSTEIN-FRIESIAN CATTLE

LAKE CITY, MINNESOTA, June 26, 1897.

dictated by W.H.B. to S.L.D.

A. W. Latham, Esq,
207 Kasota Block,
Minneapolis, Minn.

Dear Sir:- Enclosed find names of our newmembers for the Minnesota State Horticultural Society, with check for \$2.00 in payment for same. ,
If you have the June numbers on hand it might be well to begin with that issue. If not, be sure and get them in for July,

Very truly yours,

The Jewell Nursery Co.

200

Enclosure

Try larger orchards and less corn and wheat. Single trees this season in our orchard yield 16 bushels apples selling for \$12.00. Have grown \$400.00 worth of fruit on single acres. Refer to thousands of orchardists in Nebraska and Kansas who have bearing orchards from our trees.

ESTABLISHED IN 1872

OFFICE OF

The Crete Nurseries,

E. F. STEPHENS, Manager.

President State Horticultural Society.

Full line of Nursery Stock. Especially large supply of fruit bearing Trees and Plants, Forest Trees and Evergreens. Ornamental Trees Shrubs and Roses. We help out on all losses. Reliable stock in condition to grow.

A W Latham Esq *Wilmington* Crete, Neb., *July 5* 1897

Minneapolis Minn

Estim Sir, The Minnesota Horticulturist for June has been reciev by me. please accept my thanks. I was the opinion however you society are issuing a yearly report like in our stat Neb. I am greatly interested in tree culture and. Therefore all pertaining to fruit culture is highly interesting to me. I remain Dear Sir yours most truly

Francis Heina

"Farm, Stock and Home,"

THE OLDEST AND LEADING

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MINNEAPOLIS, - MINNESOTA.

SUNNY SIDE GARDENS FOR EXPERIMENTAL AND PRACTICAL

HORTICULTURE.

OFFICE OF

JOHN S. HARRIS,

La Crescent, Minn., May 24th 1897

Friend Latham,

The enclosed is the best I can do on the signature of the Late E. Wilcox so far. If you should not get in his photo in the June May - I may be able yet to find some of his old friends who have preserved letters of his writing.

I am getting where I can see the way out of the woods and think that in two or three days will have time to prepare calendar and other matter I have received copy of Pam Let for State Fair, think it is an improvement over the last. It is quite uncertain about my making an exhibit this year as I want to attend the meeting of the American Pomological Society which occurs the week before and would greatly interfere with getting ready for the Fair. The weather yesterday & to day is too cold for comfort but no frost occurred so the prospect for small fruits still remains hopeful -

Yours in haste.

J. S. Harris

POSTAL CARD - ONE CENT.



United States of America.



THIS SIDE IS FOR THE ADDRESS ONLY.

A W Latham Gray
207 Kosota Block
Minneapolis
Minnesota

inches



Golden Thread



centimeters

1	38.70	66.15	99.03	115.4	55.52	70.41	63.12	40.98	51.75	92.34	92.09	86.92	82.37	72.17	62.34
2	19.35	33.08	49.52	57.7	27.76	35.21	31.56	20.49	25.88	46.17	46.05	43.46	41.19	36.09	31.17
3	12.87	22.05	33.02	39.13	18.51	23.61	21.04	13.66	17.25	30.78	30.72	29.31	27.48	24.06	20.77
4	9.65	16.54	24.77	29.34	13.92	17.71	16.23	10.24	12.88	22.86	22.8	21.74	20.37	17.54	14.82
5	7.72	13.21	20.01	23.47	11.17	14.17	13.02	8.19	10.31	18.56	18.51	17.67	16.52	14.23	12.26
6	6.45	11.01	16.68	19.55	9.48	12.14	11.18	6.81	8.59	15.41	15.37	14.64	13.69	11.81	10.21
7	5.54	9.46	14.34	16.78	8.15	10.51	9.64	5.81	7.32	13.17	13.14	12.51	11.76	10.17	8.77
8	4.83	8.21	12.53	14.66	7.12	9.18	8.38	5.01	6.33	11.31	11.29	10.76	10.11	8.72	7.49
9	4.23	7.26	11.12	13.11	6.28	8.16	7.44	4.37	5.54	9.76	9.75	9.31	8.76	7.57	6.44
10	3.75	6.46	9.92	11.61	5.58	7.26	6.61	3.81	4.81	8.56	8.56	8.21	7.76	6.67	5.64

Density → 0.05 0.09 0.15 0.22 0.36 0.52

Don Williams



16	40.61	38.83	28.60	27.97	9.50	6.23	40.87	22.50	22.10	20.52	25.60	43.48	82.02	52.85	50.85
17	31.29	29.82	22.09	21.97	7.65	5.32	31.87	17.50	17.25	16.17	19.65	35.48	64.02	42.65	41.75
18	24.51	23.24	17.60	17.57	6.12	4.47	24.70	13.75	13.50	12.63	15.31	27.37	50.02	34.10	33.15
19	19.61	18.58	14.08	14.04	5.10	3.75	19.76	10.62	10.37	9.67	11.91	21.50	40.02	27.07	26.15
20	15.70	14.82	11.28	11.24	4.28	3.12	15.81	8.12	7.87	7.37	9.16	16.61	32.02	21.27	20.45
21	12.70	11.94	9.42	9.37	3.60	2.63	12.81	6.17	5.92	5.57	6.86	12.71	24.02	16.70	16.05
22	10.29	9.65	7.53	7.47	3.00	2.21	10.41	4.62	4.37	4.12	5.05	10.11	18.02	12.97	12.55
23	8.23	7.70	6.02	5.95	2.50	1.81	8.32	3.47	3.22	3.07	3.76	7.81	14.02	10.17	9.85
24	6.75	6.33	4.92	4.84	2.10	1.51	6.92	2.62	2.37	2.22	2.76	6.41	11.02	8.13	7.85
25	5.54	5.21	3.92	3.83	1.80	1.21	5.72	1.97	1.72	1.57	1.96	5.41	8.02	6.10	5.85
26	4.51	4.26	3.12	3.02	1.50	1.01	4.72	1.47	1.22	1.07	1.36	4.51	6.02	4.57	4.35
27	3.70	3.53	2.52	2.42	1.20	0.81	3.92	1.12	0.87	0.72	0.96	3.71	4.02	3.43	3.25
28	3.01	2.91	2.02	1.92	1.00	0.61	3.22	0.82	0.57	0.42	0.56	3.01	3.02	2.53	2.45
29	2.41	2.36	1.62	1.52	0.80	0.51	2.62	0.62	0.37	0.22	0.26	2.41	2.02	1.63	1.55
30	1.91	1.86	1.22	1.12	0.60	0.41	2.12	0.42	0.27	0.12	0.16	1.91	1.52	1.23	1.15

All values are batch averages

M000355

DSO Illuminant: 2 degree observer