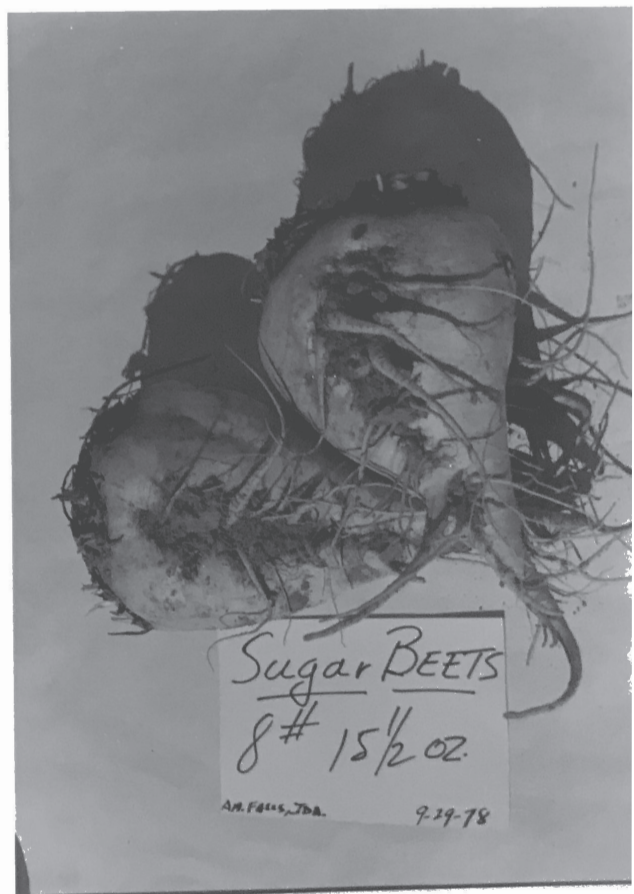




Treated beets grew well
all summer.

27.8 tons per acre
16.9% sugar content



Investigator: Bud Sanford

Date: 1978

Grower: Anderson
Area: Bellrapids, Idaho

Crop - Sugar Beets
Acreage - 160 treated
240 control

Pre-planting

Treated

150 Units N Per acre
75 Units P Per acre
25 lbs. Texal
 Contains 25% sulfur
 25% calcium

Control

300 Units N Per acre
150 Units P

At Planting

16 oz. Albion Foliar Manganese Metalosate " Broadcast
16 oz. Albion Foliar Iron Metalosate "

Foliar Application (Sugar beets approx. 8" tall)

16 oz. Albion Foliar Manganese Metalosate "
16 oz. Albion Foliar Iron Metalosate "
6 oz. Crop Plus
5 lbs. elemental sulfur

Results

Treated

26 tons per acre
17% sugar content

Control

19 tons per acre
13% sugar content

Evaluation: The application of sulfur and metalosates " increased the yield by 7 tons per acre and sugar content 4% over controls on 140 less units nitrogen.

AGRI-TEST, INC.
2043 KIMBERLY ROAD
TWIN FALLS, IDAHO 83301
PHONE (208) 734-2303

REPORT NUMBER: T 25026
DATE RECEIVED: 9/16/78
DATE REPORTED: 11/16/78

MAIL REPORT TO:

ALBION LABORATORIE
101 NO MAIN C/O ASHMEAD
CLEARFIELD, UT 84015

SAMPLED FOR: ANDERSON-WILSON

SAMPLE TYPE: SUGAR BEETS
SAMPLE IDENTIFICATION: ROOTS, LARGE BEETS

DATE SAMPLED:

LAB RESULTS

DESIRABLE LEVEL

- Crude Protein, %
- Digestible Protein, %
- Total N, %
- Crude Fat, %
- Crude Fiber, %
- Lignin, %
- Ash, %
- Nitrogen Free Extract (NFE), %
- Total Digestible Nutrient (TDN), %
- Dry Matter, %
- Moisture, %
- Nitrate, p.p.m.
- Phosphorus, %
- Potassium, %
- Calcium, %
- Magnesium, %
- Sulfur, %
- Sodium, %
- Sulfur, 0.5%, 6'
- Zinc, p.p.m.
- Iron, p.p.m.
- Manganese, p.p.m.
- Copper, p.p.m.
- Boron, p.p.m.
- Molybdenum, p.p.m.
- Cobalt, p.p.m.
- Selenium, p.p.m.

17.5

ed on sample moisture plus dry matter as 100%. All other results are reported on a dried sample basis.
parts per million.

part is for the exclusive use of the client(s) to whom it is addressed. Its communication or disclosure to others or use in advertising is not
sed. These results refer only to the specific sample tested and not to other apparently similar material. Unused sample portions are re-
for a maximum of 30 days unless other arrangements are agreed to.

AGRI-TEST, Inc.

2043 KIMBERLY ROAD
TWIN FALLS, IDAHO 83301
PHONE (208) 734-2303

REPORT NUMBER: T 25024

DATE RECEIVED: 9/16/78

DATE REPORTED: 11/16/78

MAIL REPORT TO:

ALBION LABORATORIE
101 NO MAIN C/O ASHMEAD
CLEARFIELD, UT 84015

SAMPLED FOR: ANDERSON-WILSON

SAMPLE TYPE: SUGAR BEETS
SAMPLE IDENTIFICATION: ROOTS, SMALL BEETS

central field
LAB RESULTS
*(no metalmaten)
(applied)*

DATE SAMPLED:
DESIRABLE LEVEL

- Crude Protein, %
- Digestible Protein, %
- Total N, %
- Crude Fat, %
- Crude Fiber, %
- Lignin, %
- Ash, %
- Nitrogen Free Extract (NFE), %
- Total Digestible Nutrient (TDN), %
- Dry Matter, %
- Moisture, %
- Nitrate, p.p.m.
- Phosphorus, %
- Potassium, %
- Calcium, %
- Magnesium, %
- Sulfur, %
- Sodium, %
- Sucrose, %
- Zinc, p.p.m.
- Iron, p.p.m.
- Manganese, p.p.m.
- Copper, p.p.m.
- Boron, p.p.m.
- Molybdenum, p.p.m.
- Cobalt, p.p.m.
- Selenium, p.p.m.

12.1

ed on sample moisture plus dry matter as 100%. All other results are reported on a dried sample basis.
parts per million.

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or a maximum of 30 days unless other arrangements are agreed to.

Investigator: Richard Michaelson

Grower: Wade Povey
Aberdeen, Idaho

Crop - Sugar Beets

Number Acres: Field #1 - 30
Field #2 - 160

History: Field #1 is a very alkaline soil. It has a very low calcium content too.

Previous year, grew potatoes on this 30 acres. The yield was very poor.

Field #2 was across the road. It was much better soil since drainage from Field #2 migrated to lower levels (Field #1) thus contributing to alkalinity on Field #1.

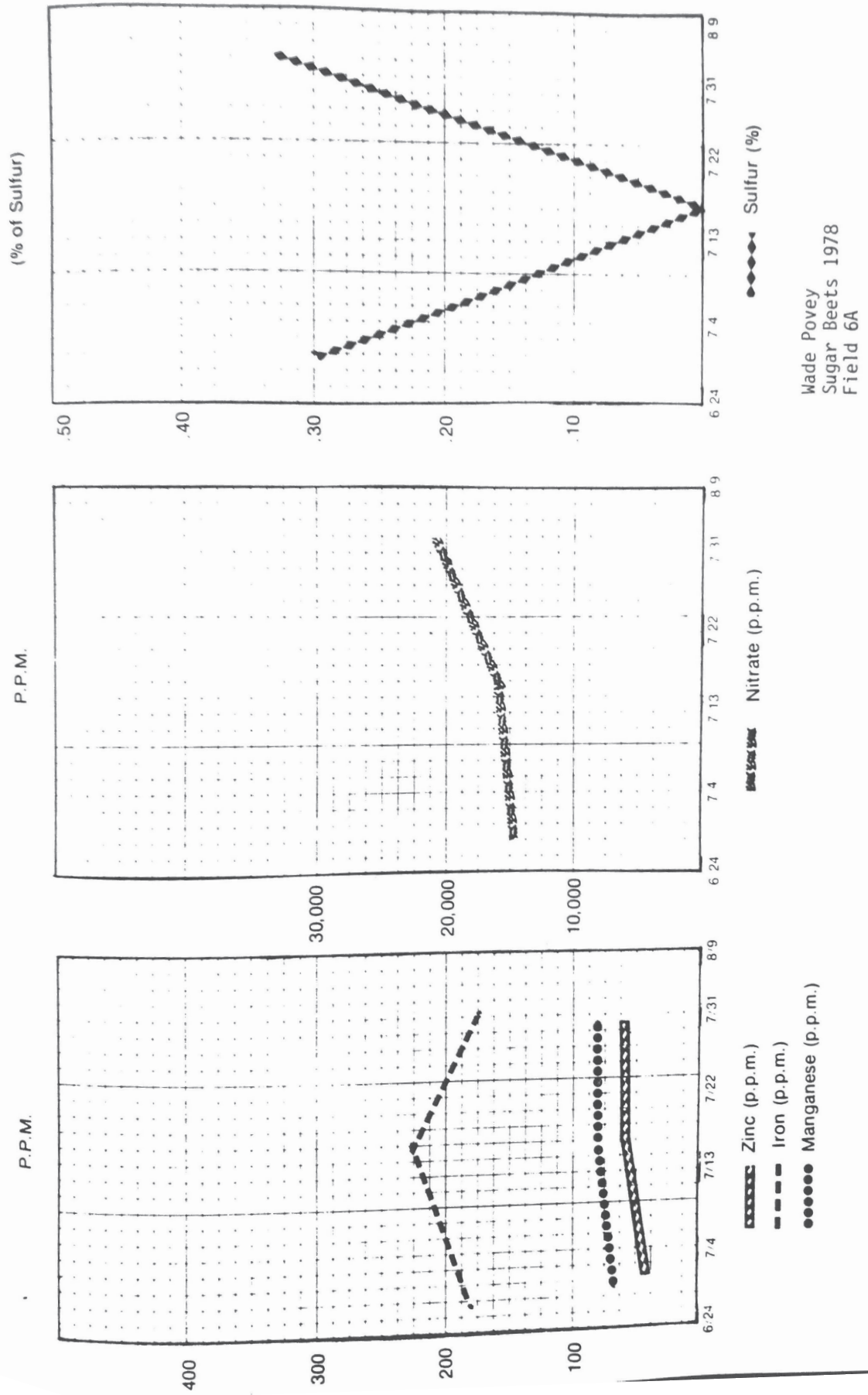
Pre-plant preparation: 120 - 140 units N, 100 units P is customary in Aberdeen area for sugar beets. However, due to poor soil, owner applied 250 units N to both fields.

Beets grew very slowly. On 6/10/78 beets were visibly very sick. On June 30, applied to Field #1, 4 lbs. Texal, 16 oz. Albion Foliar Zinc Metalosate®, 16 oz. Manganese Foliar Metalosate®, 4 lbs. Foliar Nutrient and 3 lb. sulfur.

Results: Field #1 yielded 23.7 tons/acre. Grower felt 17 tons would be maximum.

Sugar content - 13.2%.

Yield Field #2 on better ground and without foliars yielded ½ ton less per acre and sugar content averaged 16.5%.



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 TWIN FALLS, IDAHO 83301
 PHONE (208) 734-2303

REPORT NUMBER: F 25022
 DATE RECEIVED: 9/16/78
 DATE REPORTED: 11/16/78

ALL REPORT TO:

ALBION LABORATORIE
 101 NO MAIN C/O ASHMEAD
 CLEARFIELD, UT 84015

SAMPLED FOR:

SAMPLE TYPE: SUGAR BEETS
 SAMPLE IDENTIFICATION: ROOTS, AM FALLS

DATE SAMPLED

LAB RESULTS

DESIRED LEVEL

- Crude Protein, %
- Digestible Protein, %
- Total N, %
- Crude Fat, %
- Crude Fiber, %
- Lignin, %
- Ash, %
- Nitrogen Free Extract (NFE), %
- Total Digestible Nutrient (TDN), %
- Dry Matter, %
- Moisture, %
- Nitrate, p.p.m.
- Phosphorus, %
- Potassium, %
- Calcium, %
- Magnesium, %
- Sulfur, %
- Sodium, %
- Zinc, p.p.m.
- Iron, p.p.m.
- Manganese, p.p.m.
- Copper, p.p.m.
- Boron, p.p.m.
- Molybdenum, p.p.m.
- Cobalt, p.p.m.
- Selenium, p.p.m.

13.2

based on sample moisture plus dry matter as 100% All other results are reported on a dried sample basis.
 parts per million

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