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Inventory to the Agricultural Chemistry Department Records

Agricultural Chemistry Department Agricultural Chemistry Department records, 1912-1968 19 linear ft.

Inventory

OVERVIEW

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- 535 USDA Flaxseed Disease Fargo Variety Trials, ND Substation Analysis, and Plant Breeding, ND Farm Grown – 1931-1932
- 536 USDA Analysis of Flaxseed in KS, MN, MT, WA- 1929-1938
- 537 USDA Trials in ND, OR, SD, 1930's
- 538 USDA Analysis of Flaxseed in CA, Canada 1930's
- 539 ND Botany 1925-1941
- 540 USDA Classification Nurseries and Analysis 1930's
- 541 NDAC Chemical Analysis of Argentine Flax 1930-1931
- 542 Analysis of Flaxseed at University of MN 1932
- 543 Project H-2-5 Data Department of Ag. Chemistry
- 544 Project H-2-5 Total Oil and Refraction of Oil 1957
- 545 Project H-2-5 Density 1957
- 546-554 SKIPPED
- 555 Project H-2-5 Total Oil and Refraction of Oil 1957
- 556 Project H-2-5 Density 1957
- 557 Influence of Cooking and Canning on Vitamin B & G Content of Lean Beef and Pork T.H. Hopper Project
- 558 Nutritive Value of Meat Project T.H. Hopper Project 1929
- 559 Project Summary Results T.H. Hopper Project –
- 560 Digestive Nutrients & Metabolized Energy in Silages, Hay, etc Project by T.H. Hopper 1938

Box 15 File

561 Prairie Hay Trials and Tables

- 562 Digestion Trials with Sheep Ag. Chemistry 1922-1923
- 563 Book of Energy Values Ag. Chemistry 1922-1924
- 564 Nutrition Trials and Digestions Experiments Ag. Chemistry 1919
- 565 Nutrition Work in Cooperation with Department of Animals Husbandry 1919
- 566 Purnell 95 Effect of 2, 4-D Spraying 1948
- 567 Tables and Analysis of Data of Oil Painter's Publication 1940's
- 568 Original Data Sheets the Studies of Oils, Esters, etc. 1941
- 569 Summer Rations for Fattening Lambs 1938
- 570 Summer Lamb Feeding Trial 1939
- 571 Corn vs. Barley for Fattening Steers 1938
- 572 Fargo Trials of Flax Production 1919-1937
- 573 "Farmers Response to Price in the Production of Flax" Report USDA 1930
- 574 Summary of the "Recent NW Flax Production" T.H. Hopper 1930's
- 575 Analysis of Flaxseed and Linseed Oil Glenn Pickard 1916
- 576 ND Crop Statistics T.H. Hopper 1929-1936
- 577 ND Crop Statistics T.H. Hopper 1919-1928
- 578 Flax Production and Climates of ND & MN Data and Tables 1919-1937
- 579 Correspondence and Miscellaneous Material on Digestion Trial of Sheep 1936
- 580 Adams 21 Digestion Trial Records 1936 & 1937
- 581 Proposed Adams Project Pasturing, Harvesting, and Feeding Russian Thistle 1935
- 582 Adams 21 Record of Energy Values 1936
- 583 Adams 21 Group Feeding Trials with Bred Ewes 1936 1937
- 584 Russian Thistle Digestion Trial #1- 1936
- 585 Barley Digestion Trials for Sheep #2 1936
- 586 Wheat and Spelt Trials for sheep #3 1936
- 587 Sheep Digestion Trial #4 1937
- 588 Sheep Digestion Trial #5 1937
- 589 Sheep Digestion Trial #6 1937
- 590 Adams 21 Digestion Trial Separation and Analysis of Bulrushes 1937
- 591 Silage Experiment Data Tabulation 1921-1929
- 592 Silage Experiment -1^{st} Year -1921-1922
- 593 Silage Experiment -2^{nd} Year -1922-1923
- 594 Silage Experiment 3rd Year 1923-1924
- 595 Silage Experiment 4th Year 1924-1925
- 596 Silage Experiment 5th Year 1925-1926
- 597 Silage Experiment -6^{th} Year -1926-1927
- 598 Silage Experiment 7th Year 1927-1928
- 599 Silage Experiment 8th Year 1928-1929
- 600 Silage Experiment 9th Year 1929-1930
- 601 Silage Experiment 10th Year 1930-1931
- 602 Silage Experiment -11^{th} Year -1931-1932
- 603 Silage Trials Project 58 1932-1933
- 604 Silage Experiments Project #59 1931-1933
- 605 Analysis of Flax World Collection 1950's
- 606 Data of the Analysis of Flax World Collection 1950's
- 607 Composition and Maturity of Corn Tables of Collection
- 608 Composition and Maturity of Corn Bulletin Manuscript
- 609 Composition and Maturity of Corn Original Bulletin Manuscript and Tables
- 610 Composition and Maturity of Corn T.H. Hopper 1920
- 611 Field Note and Analytical Data of Corn Composition Trials 1920
- 612 Grasses and Clipping Experiment Dickinson with Leroy Moomow 1928-1929

- 613 Brome Grass Analysis by L.T. Anderegg Part A & B 1920
- 614 Prairie Grasses Chemical Study Mandan Samples 1923
- 615 "The Chemical Compositions of some ND Pasture and Hay Grasses" Final Draft
- 616 Bulletin of the Composition of Pasture and Hay Grasses T.H. Hopper 1938
- 617 Grass Mixture Analysis of Samples 1927
- 618 Ag. Engineering Moisture Samples of Squash
- 619 Composition and Rank of Squash 1929
- 620 Individual Squash for Analysis, Count, Weight 1930
- 621 Wheat Protein Analysis Kraft
- 622 Wheat Protein Analysis AJ Pinckney
- 623 Composition of the Maize Plant 1914-1915
- 624 Original Trials of Corn at Dickinson Substation 1914
- 625 Original Trials of Corn 1915
- 626 Protein and Moisture Analysis of Wheat T.H. Hopper
- 627 Protein Analysis of Wheat Record Sheets AJ Pinckney
- 628 Composition and Feeding Values of Corn at Different Stages of Growth T.H. Hopper
- 629 Drying Rate of Ear Corn T.H. Hopper 1923
- 630 Corn Variety Trials of 1921
- 631 Corn Variety Trials of 1922
- 632 Corn Variety Trials of 1923
- 633 Corn Variety Trials of 1924
- 634 Corn Variety Tables for 1920-1924

Box 18 File

- 635 Book of Soils Work Agronomy Department Soils Soil Surveys 1921
- 636 Correspondence and Composition of Demonstration Farm Soils
- 637 Calculations and Tabulation Sheets of Demonstration Farms
- 638 Methods of Analysis of Soils T.H. Hopper
- 639 Soil Tabulations
- 640 Cass and McHenry Soils Tabulation Soils
- 641 Soil Survey Analysis in Sergeant, Traill, Bottineau, Dickey, and Demonstration Farm Substations
- 642 Cass Soils Record of Analysis
- 643 Chemical Composition of Some Chernozem-Like Soils of ND 1931
- 644 Cass County Bureau Soils Bulletin Manuscript
- 645 Cass County Soils Tabulation Sheets
- 646 Correspondence of Cass County Soils
- 647 Legal Description of Cass County Soil
- 648 McHenry Soils Records of Analysis 1922
- 649 McHenry Soils Calculation Sheets
- 650 McHenry County Chemical Bulletin 1930
- 651 Chemical Composition of the Soils of McHenry County T.H. Hopper
- 652 Legal Description of McHenry Soils
- 653 McHenry County Tabulation Sheets
- 654 Correspondence of Cass County Soils
- 655 Total Composition of Some Soils of Cass and McHenry Counties
- 656 Nitrogen, Organic Carbon, and Matter Relations
- 657 Soil Survey of McHenry County 1925
- 658 Soil Survey of Cass County USDA 1924

- 659 Miscellaneous Soil Maps and Legal Descriptions of Fields Sampled
- 660 Flax and Climate Linota Correlations Sheets
- 661 Flax and Climate Redwing Correlations Sheets
- 662 Flax and Climate Bison Correlation sheets
- 663 Flax and Climate Correlation Tabulation Sheets

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- 664 Flax and Climate Correlation Tabulation and Summation Sheets
- 665 Climatic Reports by Stations Flax NDAC and USDA
- 666 Correlations of the Fatty Acids Analysis
- 667 Date of Seeding California Experiments 1939
- 668 Original Tables of Flax and Climate Experiments
- 669 True Protein and Non-Protein Percentages in Sweet Clover Seeds
- 670 Mineral Contents of ND Grown Legumes 1928
- 671 Alfalfa Root and Top Composition
- 672 Legume Leaf Study 1922 Samples
- 673 Mengel Beets Analysis 1921-1922
- 674 Sugar Beets Analysis Agronomy 1927
- 675 Sugar Beets Agronomy 1928
- 676 Agronomy Sugar Beets 1929
- 677 Sugar Beets Agronomy Department 1930-1931
- 678 Sweet Clover Seed, Project and Correspondence
- 679 Analysis of Sweet Clover Seed Seed Cleaning Plants
- 680 Sweet Clover Seed Feeding Stuff Analysis
- 681 Sweet Clover Bulletin
- 682 Fertility in Weeds J.W. Ince
- 683 Fertility Constituents and Feeding Value of Flax J.W. Ince
- 684 Study of Phosphorus Problem of Soils in ND Experiment Stations
- 685 Spraying Analysis 1913
- 686 Sugar Beet Trials J.W. Ince 1912-1914
- 687 The Basic Slag Experiment J.W. Ince 1913
- 688 Silage Studies Field Book I 1917
- 689 Silage Work 1916
- 690 Laboratory Book 1917
- 691 Chemistry of the Farm Lab J.W. Ince
- 692 Sugar Beets 1912-1913
- 693 Stock Food Analysis 1913-1914 and Sugar Beets 1914
- 694 Record of Field Work by Chemical Department 1913
- 695 Soil Chemistry Lab Investigational Work for Soil J.W. Ince
- 696 Purnell 151 1951 Data Part A
- 697 Purnell 151 Raw Data 1950
- 698 Purnell 151 Loss of Mineral from Mature Wheat and Flax by Rain 1956
- 699 Ag. Chemistry Station Lab Ledger 1914
- 700 Tabulation of Quack Grass Roots
- 701 Soil Analysis July 1911-Jan. 1915 Day Book 1
- 702 Index to Soil Samples July 1915 Day Book 2
- 703 Adams Soil Fertility Day Book 3
- 704 Routine Work Ag. Division of Chemistry Department Jan. 1912-July 1914

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