

**NATIONAL INSTITUTE OF AGRICULTURAL
ENGINEERING**

DEPARTMENTAL NOTES 1952 -1989

(All issues listed except visit reports)

AMBLER, B

(1970) Potato store data logger. NIAE Departmental Note DN-I-020-3040, Silsoe: NIAE 4pp Plates

AMBLER, B., HALL, J. A., HOOPER, A. W.

(1972) A grain recirculating rig for the evaluation of flowmeters. NIAE Departmental Note DN/C/242/1011, Silsoe: NIAE 9pp, figs.

AMBLER, B., HARRIES, G. O.

(1976) Headland ranging equipment for field machinery. NIAE Departmental Note DN-C-686-1005, Silsoe: NIAE 11pp.

AMBLER, B., HARRIES, G. O.

(1981) Microprocessor based controller for automatic tractor guidance. NIAE Departmental Note DN-IR-1043-04001, Silsoe: NIAE 22pp.

AMBLER, B., HARRIES, G. O., HOOPER, A. W.

(1975) A photo-electric seedling detector and its application to rowcrop thinning. NIAE Departmental Note DN-C-546-1607, Silsoe: NIAE 11pp.

AMBLER, B., HOOPER, A. W.

(1973) An experimental continuous weigher - II. NIAE Departmental Note DN/C/379/1016, Silsoe: NIAE 11p, Figs.

AMBLER, B., HOOPER, A. W.

(1976) An electronic recording instrument for the grain flowmeter. NIAE Departmental Note DN-C-535-1011, Silsoe, NIAE 11pp.

AMBLER, B., MEEKS, I.

(1970) An instrument to measure tractor seat transmissibility. NIAE Departmental Note DN-I-19-70, Silsoe: NIAE 11pp.

AMBLER, B., MEEKS, I.

(1972) Time control unit for selective thinning. NIAE Departmental Note DN/C/206/1607, Silsoe: NIAE 14pp

ANDREWS, R.

(1977) Effect on cereal yields of marks made by various wheels. NIAE Departmental Note DN-S-818-09005, Silsoe, NIAE 4pp.

ANDREWS, R.

(1977) The development of a method for measuring field undulations. NIAE Departmental Note DN-S-819-09005, Silsoe: NIAE 4pp.

ARMSTRONG, M. C.

(1974) Mechanical engineering modifications to feeding systems at Bridget's E.H.F. 1972. NIAE Departmental Note DN/D/364/1015, Silsoe: NIAE 10pp

ARMSTRONG, M. C., CROWTHER, J. S. W., TURNER, M. J. B.

(1974) Modifications and operational experience on the cattle feeding installation at Bridget's E.H.F. 1973-74. NIAE Departmental Note DN-C-522-1015, Silsoe: NIAE 13pp.

ARNOLD, A. C.

(1974) Light transmission of a model inflated roof greenhouse. NIAE Departmental Note DN/C/449/1021, Silsoe: NIAE 6pp, Figs.

ARNOLD, A. C.

(1976) Moisture content determination by microwave attenuation using a rotating sample. NIAE Departmental Note DN-C-700-1017, Silsoe: NIAE 6pp.

ARNOLD, A. C.

(1976) The moisture content and microwave attenuation of hay in a small sample cell. NIAE Departmental Note DN-IR-746-1017, Silsoe; NIAE 8pp.

ARNOLD, A. C.

(1976) Hay moisture measurement using microwave reflectance. NIAE Departmental Note DN-C-694-1017, Silsoe: NIAE 11pp.

ARNOLD, R. E., COMELY, D. R.

(1975) A preliminary study of the performance of a grass drier fitted with a pre-drier. NIAE Departmental Note DN-FC-658-1385, Silsoe: NIAE 15pp.

ARNOLD, R. E., COMELY, D. R.

(1976) Drying large rectangular hay bales in tunnels, Part I. NIAE Departmental Note DN-FC-421-1380, Silsoe: NIAE 41pp.

ARNOLD, R. E., COMELY, D. R.

(1976) Drying large rectangular hay bales in tunnels - Pt 2. NIAE Departmental Note DN-FC-688-1380, Silsoe: NIAE 14pp.

ARNOLD, R. E., THOMSON, S. B., WILSON, I. I.

(1971) Field experiments 1969. NIAE Departmental Note DN-HC-069-1700, Silsoe: NIAE 49pp

ASPINALL, J. S.

(1972) Preliminary study of materials handling and allied operations in glasshouses. NIAE Departmental Note DN/MH/162/1815, Silsoe: NIAE 37pp

- ASPINWALL, J. S.
(1973) Power requirements for cultivating glasshouse soils. NIAE Departmental Note DN/MH/325/1815, Silsoe: NIAE 10pp, Figs.
- ASPINWALL, J. S., HOLT, J. B., CALVERT, P. N.
(1974) The span approach to glasshouse mechanisation: progress during 1972-74. NIAE Departmental Note DN/MH/483/1815, Silsoe: NIAE 40pp.
- AUDSLEY, E.
(1972) Optimum scheduling of grass cutting for a high temperature drier using linear programming. NIAE Departmental Note DN/SY/253/1953, Silsoe: NIAE 20pp.
- AUDSLEY, E.
(1973) A computer programme to analyse data from cyclic operations. NIAE Departmental Note DN/SY/330/1951, Silsoe: NIAE 24pp.
- AUDSLEY, E.
(1973) A method for determining routes through a network having maximal or near maximal net returns. NIAE Departmental Note DN/SY/380/1950, Silsoe: NIAE 7pp.
- AUDSLEY, E.
(1974) A method to determine the justifiable capital expenditure on new feeding systems for dairy cows. NIAE Departmental Note DN-SY-507-1956, Silsoe: NIAE 23pp.
- AUDSLEY, E.
(1975) A mathematical model, analytical solution and computer programme for the integrated pig slurry treatment system. NIAE Departmental Note DN-SY-586-1958, Silsoe: NIAE 19pp.
- AUDSLEY, E.
(1976) Comparing systems for the disposal of pig manure for different crop rotations and manure dry matter contents. NIAE Departmental Note DN-SY-724-1958, Silsoe: NIAE 17pp.
- AUDSLEY, E.
(1976) The minimum cost of cultivation techniques including the effect of harvesting and timeliness of drilling, calculated by linear program. NIAE Departmental Note DN-SY-703-1960, Silsoe: NIAE 27pp.
- AUDSLEY, E.
(1977) A mathematical model of a biological filtration tower including heat input and transfer. NIAE Departmental Note DN-SY-830-11008, Silsoe: NIAE 8pp.
- AUDSLEY, E.
(1977) An economic comparison of methods of cultivating and planting cereals, sugar beet and potatoes and their interaction with harvesting, timeliness and available labour. NIAE Departmental Note DN-SY-770-1960, Silsoe: NIAE 24pp.
- AUDSLEY, E., GIBBON, J. M., COTTRELL, S.
(1975) An economic analysis to compare and estimate the potential national benefit of methods of feeding dairy cows. NIAE Departmental Note DN-SY-558-1956, Silsoe: NIAE 31pp.
- AUDSLEY, E., WHEELER, J. A.
(1977) A model to estimate the benefits of precision feeding of dairy cows. NIAE Departmental Note DN-SY-754-04005, Silsoe: NIAE 11pp.
- AUDSLEY, E., WHEELER, J. A.
(1978) A simulation study of the effect of crop rotation, crop area, washing water and weather on the costs of systems of treating, storing and spreading cow slurry. NIAE Departmental Note DN-SY-838-11008, Silsoe: NIAE 11pp.
- BAILEY, B. J.
(1972) A literature review of radiant heating in glasshouses. NIAE Departmental Note DN/G/217/2101, Silsoe: NIAE 23pp, figs.
- BAILEY, B. J.
(1974) Glasshouse air heating: pressure changes and flow distribution along perforated air-distribution ducts. NIAE Departmental Note DN/G/391/2101, Silsoe: NIAE 15pp.
- BAILEY, B. J.
(1974) Temperature distribution in a multi-span glasshouse with free-discharge air heaters. NIAE Departmental Note DN/G/410/2101, Silsoe: NIAE 12pp.
- BAILEY, B. J.
(1975) Reducing glasshouse heat losses by internal blinds of different materials. NIAE Departmental Note DN-G-617-2105, Silsoe: NIAE 15pp.
- BAILEY, B. J.
(1975) Temperature uniformity in glasshouses heated with ducted air. NIAE Departmental Note DN-G-562-2101, Silsoe: NIAE 15pp.
- BAILEY, B. J.
(1975) Trials of prototype air heating ducts in commercial glasshouses. NIAE Departmental Note DN-G-643-2101, Silsoe: NIAE 16pp.
- BAILEY, B. J.
(1975) Infra-red and optical properties of some plastic materials used in greenhouses. NIAE Departmental Note DN-G-616-2105, Silsoe: NIAE 13pp.
- BAILEY, B. J.
(1977) The calculation of glasshouse fuel requirements using degree-day data corrected for

solar heat gain. NIAE Departmental Note DN-G-798-04013, Silsoe: NIAE 12pp.

BAILEY, B. J.

(1978) Glasshouse thermal screens: Air flow through permeable materials. NIAE Departmental Note DN-G-859-04013, Silsoe: NIAE 8pp.

BAILEY, B. J.

(1979) Glasshouse thermal screen development farm project, first season: heat consumption and environment. NIAE Departmental Note DN-G-981-04013, Silsoe: NIAE 35pp.

BAILEY, B. J., COTTON, R. F.

(1977) Reducing glasshouse heat losses with reflective thermal screens. NIAE Departmental Note DN-G-797-04013, Silsoe: NIAE 21pp.

BAILEY, B. J., COTTON, R. F.

(1979) Glasshouse thermal screens: The performance of permeable and double screens. NIAE Departmental Note DN-G-918-04013, Silsoe: NIAE 15pp.

BAILEY, B. J., COTTON, R. F.

(1980) Glasshouse thermal screens: Influence of single and double screens on heat loss and crop environment. NIAE Departmental Note DN-G-982-04013, Silsoe: NIAE 15pp.

BAILEY, B. J., COTTON, R. F.

(1980) Glasshouse thermal screen development farm project, second season: heat consumption and environment. NIAE Departmental Note DN-G-1038-04013, Silsoe: NIAE 30pp.

BAILEY, B. J., DAWSON, J. R.

(1972) Glasshouse air heating: the discharge characteristics of orifices in perforated air distribution ducts. NIAE Departmental Note DN/G/315/2101, Silsoe: NIAE 15pp.

BAILEY, B. J., HOLT, R. S.

(1975) Model studies of a free discharge air heater with a radial outlet. NIAE Departmental Note DN-G-514-2101, Silsoe: NIAE 16pp.

BAILEY, B. J. SMITH, R. A.

(1977) Heat metering in glasshouses. NIAE Departmental Note DN-G-839-04013, Silsoe: NIAE 10pp.

BARBER, T. S.

(1976) Subjective field assessment of a tractor swivelling seat. NIAE Departmental Note DN-E-734-1465, Silsoe; NIAE 12pp.

BARBER, T. S.

(1978) A survey of tractor seating and postural requirements. NIAE Departmental Note DN-E-922-02005, Silsoe, NIAE 35pp.

BARBER, T. S., BOTTOMS, D. J.

(1976) A study of factors affecting access to the tractor driver's workplace Phase 1: Experimental design and experiments on step arrangements and heights. NIAE Departmental Note DN-E-661-1465, Silsoe: NIAE 29pp.

BARBER, T. S., BOTTOMS, D. J.

(1976) A study of factors affecting access to the tractor driver's workplace. Phase 2: Doors. NIAE Departmental Note DN-E-687-1465, Silsoe: NIAE 16pp.

BARBER, T. S., BOTTOMS, D. J.

(1977) A study of factors affecting access to the tractor driver's workplace. Phase 4. Handholds. NIAE Departmental Note DN-E-756-02001, Silsoe: NIAE 30pp.

BARRON, N. A.

(1972) The use of operational research techniques in agricultural engineering. NIAE Departmental Note DN/SY/258/1955, Silsoe: NIAE 31pp.

BATTAMS, V. A.

(1976) A lamp unit for producing a powerful parallel slice of light to illuminate airborne particles. NIAE Departmental Note DN-FB-721-3020, Silsoe: NIAE 7pp.

BATTAMS, V. A.

(1979) A portable automatic bubble generator for visualising air movement in livestock buildings. NIAE Departmental Note DN-En-792-10003, Silsoe: NIAE 13pp.

BEAN, A. G. M., STAYNER, R. M.

(1975) Tractor seat characteristics: The effect on performance of ageing. NIAE Departmental Note DN-E-559-1445, Silsoe: NIAE 26pp.

BIGGAR, G. W., KLINNER, W. E., BROWN, F. R.

(1971) Some machine performance aspects of harvesting winter and spring-sown oil-seed rape - 1969. NIAE Departmental Note DN-MD-110-1360, Silsoe: NIAE 15pp. Tables.

BILLINGTON, W. P.

(1975) Reduction of losses and dirt tare in sugar beet harvesting. NIAE Departmental Note DN-VSF-596-1310, Silsoe: NIAE 16pp.

BILLINGTON, W. P., BUTLER, J.

(1977) Reduction of losses and dirt tare in sugar beet harvesting. NIAE Departmental Note DN-VSF-788-03013, Silsoe: NIAE 9pp.

BILLINGTON, W. P., BUTLER, J.

(1978) Reduction of losses and dirt tare in sugar beetharvesting. NIAE Departmental Note DN-VSF-704-1310, Silsoe: NIAE 12pp.

- BILLINGTON, W. P., MASSEY, R. F.
(1976) Trials with a variable pitch elevator chain on a sugar beet cleaner-loader. NIAE Departmental Note DN-VSF-696-1310, Silsoe: NIAE 12pp.
- BLACKWELL, P. S., DEXTER, D. R.
(1971) An evaluation of inductance gauges for dynamic measurement of soil strain. NIAE Departmental Note DN/ER/184/1162, Silsoe: NIAE 12pp, figs.
- BOA, W.
(1967) Potato harvester development at NIAE, 1961-66. NIAE Departmental Note DN-213-CD, Silsoe: NIAE 9pp.
- BOA, W.
(1975) Harvesting and preparing mini-cauliflowers for quick freezing: an experiment conducted jointly by A.D.A.S., N.V.R.S. and N.I.A.E. at Beverley, E. Yorkshire in September-October 1973. NIAE Departmental Note DN/VSF/455/1305, Silsoe: NIAE 10pp, Figs.
- BOA, W.
(1975) Preliminary trials with an experimental rotary unit for vegetable preparation. NIAE Departmental Note DN-VSF-516-1330, Silsoe: NIAE 8pp.
- BOA, W., BROWN, F. R.
(1970) Efford brussels sprout experiment 1969-70. Report on equipment. NIAE Departmental Note DN-MP-056-1310, Silsoe: NIAE 12pp Figs.
- BOA, W., GRUNDON, P. M.
(1977) An automatic transplanter for vegetable crops. Part II: Equipment for forming and wrapping soil blocks and experiments on handling them. NIAE Departmental Note DN-VSF-812-03014, Silsoe: NIAE 9pp.
- BOA, W., GRUNDON, P. M.
(1977) Farm trials of an experimental rotary unit for vegetable preparation. NIAE Departmental Note DN-VSF-768-03012, Silsoe: NIAE 16pp.
- BOA, W., WHEELER, J. A., BROWN, F. R.
(1971) The harvesting of brussels sprouts with the universal vegetable harvester. NIAE Departmental Note DN/M/151/1310, Silsoe: NIAE 28pp, figs.
- BOON, C. R.
(1972) A prototype light-loss meter. Departmental Note (DN/C/297/1021), National Institute of Agricultural Engineering, Silsoe, 11pp.
- BOON, C. R.
(1973) The light transmission of multispan greenhouses clad with extruded acrylic sheet and with glass. NIAE Departmental Note DN/C/344/1021, Silsoe: NIAE 7pp, Figs.
- BOON, C. R.
(1973) Light source for transmission measurements on greenhouse models. NIAE Departmental Note DN/C/383/1021, Silsoe: NIAE 7pp, Figs.
- BOON, C. R.
(1973) Some aspects of the light transmission of glass and acrylic greenhouses. NIAE Departmental Note DN/C/388/1021, Silsoe: NIAE 11pp, Figs.
- BOON, C. R.
(1974) Light lost due to dirt on commercial multispan greenhouses. Departmental Note (DN/C/389/1021), National Institute of Agricultural Engineering, Silsoe, 7pp
- BOON, C. R.
(1975) An improved infra-red radiometer. Departmental Note (DN/C/554/1020), National Institute of Agricultural Engineering, Silsoe, 15pp
- BOON, C. R.
(1976) A building section for ventilation experiments with livestock. Departmental Note (DN/FB/722/3020), National Institute of Agricultural Engineering, Silsoe, 24pp.
- BOON, C. R.
(1976) A guide to the construction of equipment for producing bubbles for air movement visualisation. NIAE Departmental Note DN-FB-706-3020, Silsoe: NIAE 13pp.
- BOON, C. R.
(1976) A building section for ventilation experiments with livestock. NIAE Departmental Note DN-FB-722-3020, Silsoe: NIAE 24pp.
- BOON, C. R.
(1981) Thermal resistance of the floor of the Babraham Building Section. NIAE Departmental Note DN-En-1013-10003, Silsoe: NIAE 5pp.
- BOTTOMS, D. J.
(1972) A study of optimum pit depth in herringbone milking parlours. NIAE Departmental Note DN/TE/243/1440, Silsoe: NIAE 19pp, figs.
- BOTTOMS, D. J.
(1975) Field studies of some techniques to assess tractor driver stress and fatigue. NIAE Departmental Note DN-E-565-1465, Silsoe: NIAE 32pp.
- BOTTOMS, D. J.
(1975) Laboratory assessment of a swivelling seat to improve tractor driver posture. NIAE Departmental Note DN-E-620-1465, Silsoe: NIAE 20pp.

- BOTTOMS, D. J.
(1978) A survey of tractor steering accuracy requirements for typical field operations. NIAE Departmental Note DN-E-884-02001, Silsoe: NIAE 23pp.
- BOTTOMS, D. J.
(1979) The driver's steering control of motor vehicles: A review and discussion of factors which relate to tractor driving. NIAE Departmental Note DN-E-900-02001, Silsoe: NIAE 43pp.
- BOTTOMS, D. J., BARBER, T. S.
(1977) Angles of twist in the driver's body using a swivelling seat. NIAE Departmental Note DN-E-758-1465, Silsoe: NIAE 15pp.
- BOTTOMS, D. J., JESSON, M. W.
(1971) Performance measurements of five blowers for silo filling. NIAE Departmental Note DN-M-071-1325, Silsoe: NIAE 11pp Figs.
- BOTTOMS, D. J., STAYNER, R. M.
(1978) An initial study of the tractor driver's control and monitoring functions. NIAE Departmental Note DN-E-802-02001, Silsoe: NIAE 38pp.
- BOWMAN, G. E.
(1973) Transmission of solar radiation by widespan and by multispan greenhouses. NIAE Departmental Note DN/C/345/1021, Silsoe: NIAE 12pp, Figs.
- BOWMAN, G. E.
(1974) The complex permittivity of hay. NIAE Departmental Note DN-C-532-1017, Silsoe: NIAE 9pp. Figs.
- BOWMAN, G. E.
(1977) Alternative circuit for an infra-red radiometer. NIAE Departmental Note DN-IR-793-04008, Silsoe: NIAE 7pp.
- BOWMAN, G. E.
(1978) A microwave stripline sensor for moisture in forage. NIAE Departmental Note DN-IR-926-04017, Silsoe: NIAE 10pp.
- BOWMAN, G. E.
(1980) Moisture measurement in grain with a microwave stripline. NIAE Departmental Note DN-IR-991-04017, Silsoe: NIAE 7pp.
- BOWMAN, G. E., HIGGS, D. M. J.
(1978) Influence of maturity on the electrical properties of forage. NIAE Departmental Note DN-IR-892-04017, Silsoe: NIAE 10pp.
- BOWMAN, G. E., WEAVING, G. S.
(1972) An inflated plastic roof for a venlo structure. NIAE Departmental Note DN/C/201/1024, Silsoe: NIAE 4pp, figs.
- BOYCE, D. S.
(1970) A program for determining system cost curves at varying levels of utilisation. NIAE Departmental Note DN SY 034 1950, Silsoe: NIAE 16pp.
- BOYCE, D. S.
(1971) The simulation of discrete transport systems. NIAE Departmental Note DN-SY-114-1951, Silsoe: NIAE 43pp.
- BOYCE, D. S.
(1973) Studies of silage systems for harvesting, transporting and loading bunker silos. NIAE Departmental Note DN/SY/346/1951, Silsoe: NIAE 12pp.
- BOYCE, D. S.
(1973) Proposals for a study of the factors limiting the operating speed of self-propelled harvesting machines. NIAE Departmental Note DN/SY/363/1953/1955, Silsoe: NIAE 8pp.
- BOYCE, D. S., AUDSLEY, E., RUTHERFORD, I.
(1976) Agricultural machinery costing - its importance, method of determination and data requirements. NIAE Departmental Note DN-SY-613-1957-1960, Silsoe: NIAE 40pp.
- BOYCE, D. S., CORRIE, W. J., PARKE, D.
(1970) The analysis of networks to evaluate and identify optimum work systems. NIAE Departmental Note DN-SY-024-1950, Silsoe: NIAE 50pp
- BOYCE, D. S., RUTHERFORD, I.
(1971) A deterministic cost model-total combining costs, machine costs and crop losses over a range of operating conditions. NIAE Departmental Note DN-SY-112-1955, Silsoe: NIAE 58pp.
- BRIDLE, J. E.
(1970) A preliminary investigation into the possible use of thermography for identification and health monitoring of cows and the detection of bruises on apples. NIAE Departmental Note DN-CI-066-1015, Silsoe: NIAE 4pp Appendices.
- BRIDLE, J. E.
(1971) An electro-acoustic identification system for dairy cows. NIAE Departmental Note DN-CI-129-1015, Silsoe: NIAE 5pp, Appendices.
- BRIDLE, J. E.
(1971) An introduction to statistical decision theory and its applications to agricultural engineering systems. NIAE Departmental Note DN/CI/157/1015, Silsoe: NIAE 20pp.
- BRIDLE, J. E., SMITH, R. A.
(1974) An animal identification equipment. Part II: animal carried units and reception circuits. NIAE Departmental Note DN/C/468/1019, Silsoe: NIAE 16pp.

- BRIDLE, J. E., SMITH, R. A.
(1974) An animal identification equipment Part (III) control and logic circuits. NIAE Departmental Note DN-C-521-1019, Silsoe: NIAE 7pp. Appendices.
- BRIDLE, J. E., STANSFIELD, J. R.
(1973) Symposium on automation in agriculture held in Braunschweig, 28-29 May 1973. NIAE Departmental Note DN/C/387/1000, Silsoe: NIAE 9pp.
- BRIDLE, J. E., VINCENT, P. S., BARLOW, P. F., DAWSON, J. R. (1975) A gravimetric concentrate feed dispenser. NIAE Departmental Note DN-C-533-1019, Silsoe: NIAE 5pp. Figs.
- BROWN, F. R.
(1970) An investigation into the performance of a combine harvester grain loss monitor Part I. NIAE Departmental Note DN-MP-16-70, Silsoe: NIAE 27pp.
- BROWN, F. R., BOA, W.
(1974) Study group on field vegetables. Record of discussions January 1973-March 1974 and recommendations for research at N.I.A.E. NIAE Departmental Note DN-VSF-500-1305, Silsoe: NIAE 21pp. Appendices.
- BROWN, F. R., KLINNER, W. E., WOOD, G. M.
(1970) An investigation into current mowing and conditioning mechanisms Part I. NIAE Departmental Note DN-MP-10-70, Silsoe: NIAE 20pp.
- BROWN, F. R., SHARP, J. R., JESSON, M. W.
(1971) Strawberry harvesting trials at Wrest Park and Luddington E. E. S., 1971. NIAE Departmental Note DN-MD-163-1316, Silsoe: NIAE 22pp, figs.
- BROWN, N. J.
(1966) Crop production under minimum tillage NIAE/WRO joint experiments. NIAE Departmental Note DN-212-CD, Silsoe: NIAE 14pp.
- BRUCE, D. M.
(1977) Silage moisture measurement by microwave attenuation. NIAE Departmental Note DN-LC-804-04005, Silsoe: NIAE 22pp.
- BRUCE, D. M.
(1979) Performance monitoring of broiler chickens - preliminary trials. Departmental Note (DN/LC/956/04006), National Institute of Agricultural Engineering, Silsoe, 18pp.
- BRUCE, D. M., SMITH, R. A., MEEKS, I. R.
(1979) A weighing unit with auto-taring and batching facilities for mobile feeding equipment. NIAE Departmental Note DN-LC-950-04005, Silsoe: NIAE 11pp.
- BUFTON, L. P., RICHARDSON, P.
(1972) Development of a technique to record seed trajectories, positions of impact on a soil surface, and total seed displacement. NIAE Departmental Note DN/R/303/1605, Silsoe: NIAE 12pp, Figs.
- BUFTON, L. P., RICHARDSON, P.
(1973) Seed displacement after impact on a soil surface. NIAE Departmental Note DN/R/375/1605, Silsoe: NIAE 15pp, Figs.
- BUFTON, L. P., RICHARDSON, P.
(1975) The delivery of seeds to open furrows. NIAE Departmental Note DN-R-567-1605-6, Silsoe: NIAE 12pp.
- BUFTON, L. P. RICHARDSON, P.
(1978) A preliminary experiment to investigate ways in which the soil environment may be modified to improve seed germination and emergence. NIAE Departmental Note DN-R-843-06002-3, Silsoe: NIAE 12pp.
- BULL, C. R.
(1989) A simplified model of the reflectance of near infra-red radiation. AFRC IER Departmental Note DN 1527, Silsoe: AFRC IER 16pp.
- BULL, D. A.
(1967) Exploratory work to improve the burial of surface vegetation by mouldboard ploughing. NIAE Departmental Note DN-216-CD, Silsoe: NIAE 8pp.
- BURGESS, A. D., STREET, M. J.
(1976) Automation in the dairy parlour. NIAE Departmental Note DN-C-670-1019, Silsoe: NIAE 25pp.
- CALVERT, P. N.
(1971) An evaluation of a mechanical aid to pruning in a hedgerow type orchard. NIAE Departmental Note DN-MH-040-1810, Silsoe: NIAE 4pp plate.
- CALVERT, P. N., HOLT, J. B.
(1970) Automatic steering for low speed equipment in hedgerow orchards. Departmental Note Silsoe, UK: National Institute of Agricultural Engineering, 19pp.
- CARPENTER, G. A.
(1970) The design of permeable ducts and their application to the ventilation of livestock buildings, Departmental Note (DN-FB-014-3020), National Institute of Agricultural Engineering Research, Silsoe, 57pp.
- CARPENTER, G. A.
(1970) Progress report on the visualisation of air movement using bubbles, Departmental Note (DN-FB-057-3020), National Institute of Agricultural Engineering Research, 23pp.

CARPENTER, G. A.

(1972) The cost of fan ventilation in relation to pig fattening costs, Departmental Note (DN-FB-2291-3020), National Institute of Agricultural Engineering Research, Silsoe, 6pp.

CARPENTER, G. A.

(1974) A portable automatic bubble generator for use in livestock buildings, Departmental Note (DN-FB-488-3020), National Institute of Agricultural Engineering, Silsoe, 8pp.

CARPENTER, G. A., BOOTHROYD, D. N.

(1971) Experiments in a simulated section of a livestock building: Part 1. Effects of size of air outlet on fan performance. NIAE Departmental Note DN-FB-092-3020, Silsoe: NIAE 17pp.

CARPENTER, G. A., MOULSLEY, L. J.

(1972) Ventilation of a calf house using inflatable ducts. NIAE Departmental Note DN/FB/207/3020, Silsoe: NIAE 8pp, figs.

CARPENTER, G. A., MOULSLEY, L. J.

(1972) An air recirculation unit for the control of ventilation in a livestock building. NIAE Departmental Note DN/FB/218/3020, Silsoe: NIAE 8pp, figs.

CARPENTER, G. A., MOULSLEY, L. J., BOOTHROYD, D. N. (1973) The resistance to airflow of some materials used for ventilation in agriculture. NIAE Departmental Note DN/FB/235/3020, Silsoe: NIAE 15pp, figs.

CARPENTER, G. A., MOULSLEY, L. J., OWEN, J. E.

(1970) A pilot section of an intensive livestock building for ventilation experiments. Divisional Note (DN-FB-015-3020), National Institute of Agricultural Engineering, Silsoe, 28pp.

CHAMEN, W. C. T., COPE, R. E.

(1974) Studies on the design of a rotary digging machine: Part 2 1973-74 investigations. NIAE Departmental Note DN-TC-502-1260, Silsoe: NIAE 37pp.

CHAMEN, W. C. T., COPE, R. E.

(1975) Studies on the design of a rotary digging machine: Part 3 1974/75 investigations. NIAE Departmental Note DN-Cu-657-1270, Silsoe: NIAE 41pp.

CHAMEN, W. C. T., COPE, R. E.

(1977) Studies of the design of a rotary digging machine: Part 4 - 1975-76 investigations. NIAE Departmental Note DN-Cu-763-1270, Silsoe: NIAE 33pp.

CHAMEN, W. C. T., COPE, R. E.

(1980) Studies on the design of a rotary digging machine; Part 5, 1976-79. NIAE Departmental Note DN-Cu-998-01009, Silsoe: NIAE 42pp.

CHAMEN, W. C. T., COPE, R. E.

(1980) Annual experiments comparing shallow cultivation systems for cereals - 1978-79. NIAE Departmental Note DN-Cu-997-01009, Silsoe: NIAE 13pp.

CHAMEN, W. C. T., OFIELD, R. J.

(1974) Studies to investigate the design of a rotary digging machine: 1971-73 investigations. NIAE Departmental Note DN/TC/377/1260, Silsoe: NIAE 80pp, Figs.

CHAPLIN, R. V.

(1970) Storage of dried grass wafers: Moisture relationships, safe storage periods and changes in durability. NIAE Departmental Note DN-FB-017-3030, Silsoe, NIAE 16pp Plates.

CHAPLIN, R. V.

(1971) Lateral pressures in three bunker silos 1970. NIAE Departmental Note DN-FB-093-3030, Silsoe: NIAE 14pp Tables.

CHAPLIN, R. V.

(1973) Lateral pressures in three bunker silos - 1972. NIAE Departmental Note DN/FB/384/3030, Silsoe: NIAE 14pp, Figs.

CHAPLIN, R. V.

(1973) Wall pressures in model silos filled with whole maize. NIAE Departmental Note DN/FB/385/3030, Silsoe: NIAE 31pp.

CHAPLIN, R. V.

(1973) The use of a computer to simulate the behaviour of flexible walled silos filled with grass or maize. NIAE Departmental Note DN/FB/469/3030, Silsoe: NIAE 9pp, Figs.

CHAPLIN, R. V.

(1974) Measuring wall pressures in bunker silos - 1973 and 1974. NIAE Departmental Note DN/FB/490/3030, Silsoe: NIAE 12pp, Figs.

CHAPLIN, R. V.

(1975) Straw wafering tests. NIAE Departmental Note DN-FC-614-1390, Silsoe: NIAE 17pp.

CHAPLIN, R. V.

(1975) The lateral pressures and effluent production of forage maize at 3 moisture contents and 2 chop lengths - 1973. NIAE Departmental Note DN/FB/462/3030, Silsoe: NIAE 10pp, Figs.

CHAPLIN, R. V., MESSER, H. J. M.

(1970) Lateral pressures in three bunker silos - 1969. NIAE Departmental Note DN-FB-3-70, Silsoe: NIAE 32pp.

CHAPLIN, R. V., MESSER, H. J. M.

(1970) The effect of silage moisture content on wall pressures. NIAE Departmental Note DN-FBD-4-70, Silsoe; NIAE 22pp.

CHAPLIN, R. V., MESSER, H. J. M.

(1971) The effects of differences in silage fibre content and consolidation on wall pressures in silos. NIAE Departmental Note DN-FB-102-3030, Silsoe: NIAE 23pp Figs.

CHAPLIN, R. V., MESSER, H. J. M.

(1971) Lateral pressures in three bunker silos - 1971. NIAE Departmental Note DN/FB/233/3030, Silsoe: NIAE 11pp, figs.

CHAPLIN, R. V., MESSER, H. J. M.

(1973) The design of a bunker silo with moveable walls 1972. NIAE Departmental Note DN/FB/354/3030, Silsoe: NIAE 34pp, Figs.

CHAPMAN, M., HOOPER, A. W.

(1973) A non-linear amplifier for the NIAE combine grain discharge meter. NIAE Departmental Note DN/C/414/1011, Silsoe: NIAE 9pp. Figs.

CHARLICK, R. H.

(1969) The treatment of farm wastes by means of a high rate biological filter Part 1. Preliminary trials. Departmental Note (DN/FB/9/69), National Institute of Agricultural Engineering, Silsoe. 15pp

CHARLICK, R. H.

(1969) The treatment of farm wastes by means of a high-rate biological filter. Part II. A continuous treatment system. Departmental Note (DN/FB/18/69), National Institute of Agricultural Engineering, Silsoe. 23pp

CHARLICK, R. H.

(1972) A study of the application of propionic acid in the conservation of hay. NIAE Departmental Note DN-M-210-1300-1, Silsoe: NIAE 34pp.

CHARLICK, R. H.

(1972) A study of the application of propionic acid in the conservation of hay. NIAE Departmental Note DN-M-210-1300-1, Silsoe: NIAE 34pp.

CHARLICK, R. H.

(1974) The application of propionic acid in the conservation of hay. NIAE Departmental Note DN-M-475-1365, Silsoe: NIAE 19pp, Appendix.

CHARLICK, R. H.

(1975) The application of propionic acid in the conservation of hay. NIAE Departmental Note DN-M-572-1365, Silsoe: NIAE 20pp.

CHARLICK, R. H., HOLDEN, M. R.

(1976) The application of additives on hay. NIAE Departmental Note DN-FC-659-1365, Silsoe: NIAE 18pp.

CHESTNEY, A. A. W.

(1974) Field experiments to investigate the practicability of ploughing with tractor wheels on the land. NIAE Departmental Note DN/ER/430/1173, Silsoe: NIAE 14pp,Figs.

CHESTNEY, A. A. W.

(1974) Performance of ratchet type overload slip clutches subjected to various loadings in laboratory tests. NIAE Departmental Note DN-ER-440-1172, Silsoe: NIAE 15pp, Figs.

CHESTNEY, A. A. W.

(1975) The measurement of starting-up torques on tractor PTO driven machines with high inertias and the effect of using a torque limiter to control them. NIAE Departmental Note DN-ER-592-1172, Silsoe: NIAE 15pp.

CHESTNEY, A. A. W.

(1975) An investigation into various factors affecting the performance of slip clutches: I. Experiments to determine the running-in and adhesion characteristics. NIAE Departmental Note DN-ER-600-1172, Silsoe: NIAE 22pp.

CHESTNEY, A. A. W.

(1975) Experiments with a food mincer to macerate chopped lucerne. NIAE Departmental Note DN-ER-647-1385, Silsoe: NIAE 8pp.

CHESTNEY, A. A. W.

(1975) Performance of a combined friction and ratchet type overload slip clutch subjected to various loadings in laboratory tests. NIAE Departmental Note DN-ER-591-1172, Silsoe: NIAE 11pp.

CHESTNEY, A. A. W.

(1976) An investigation into various factors affecting the performance of slip clutches: II Further experiments to determine the effects of surface roughness on the running-in characteristics. NIAE Departmental Note DN-ER-702-1172, Silsoe: NIAE 16pp.

CHESTNEY, A. A. W.

(1976) The development of tractor self-steering aids for out-of-the-furrow ploughing. NIAE Departmental Note DN-ER-701-1173, Silsoe: NIAE 7pp.

CHESTNEY, A. A. W.

(1977) Overload clutches for agricultural PTO driven machinery: II. A comparison of the performance of dry and impregnated sintered plates. NIAE Departmental Note DN-ER-784-05005, Silsoe: NIAE 14pp.

CHESTNEY, A. A. W.

(1977) Overload clutches for agricultural PTO driven machinery: IV. Performance of a bearing material used as a friction plate. NIAE Departmental Note DN-ER-828-05005, Silsoe: NIAE 13pp.

CHESTNEY, A. A. W.

(1978) Overload clutches for agricultural PTO driven machinery: VIII Performance of various bearing materials used as friction discs. NIAE Departmental Note DN-ER-886-05005, Silsoe: NIAE 18pp.

CHESTNEY, A. A. W.

(1978) Overload clutches for agricultural PTO driven machinery: IX Effect of 3 lubricants on the performance of a paper based friction material. NIAE Departmental Note DN-ER-919-05005, Silsoe: NIAE 13pp.

CHESTNEY, A. A. W.

(1979) Overload clutches for agricultural PTO driven machinery: X. Performance of organic friction materials at two surface pressures. NIAE Departmental Note DN-MDR-943-05005, Silsoe: NIAE 15pp.

CHESTNEY, A. A. W.

(1980) Overload clutches for agricultural PTO driven machinery: XIII. An experiment to determine the optimum surface pressure for an organic based friction material. NIAE Departmental Note DN-MDR-1044-05005, Silsoe: NIAE 24pp.

CHESTNEY, A. A. W.

(1980) The performance of an industrial torque limiting clutch when subjected to laboratory tests. NIAE Departmental Note DN-MDR-1005-05005, Silsoe: NIAE 15pp.

CHESTNEY, A. A. W.

(1980) Overload clutches for agricultural PTO driven machinery: XI Performance of 3 engineering plastics materials used as friction plates. NIAE Departmental Note DN-MDR-1008-05005, Silsoe: NIAE 13pp.

CHESTNEY, A. A. W.

(1980) Overload clutches for agricultural PTO driven machinery: XII Performance of a plastic bearing material used as a friction disc. NIAE Departmental Note DN-MDR-1039-05005, Silsoe: NIAE 11pp.

CHESTNEY, A. A. W.

(1981) Overload clutches for agricultural PTO driven machinery. XIV. A performance comparison for an organic friction material when used with stainless and mild steel mating plates. NIAE Departmental Note DN-MDR-1047-05005, Silsoe, NIAE 16pp.

CHESTNEY, A. A. W., CROLLA, D. A.

(1977) Overload clutches for agricultural PTO driven machinery: III. Performance of organic friction materials with radial grooves. NIAE Departmental Note DN-ER-810-05005, Silsoe: NIAE 15pp.

CHESTNEY, A. A. W., CROLLA, D. A.

(1977) Overload clutches for agricultural PTO driven machinery: V Performance of two oil-immersed friction materials. NIAE Departmental Note DN-ER-833-05005, Silsoe: NIAE 19pp.

CHESTNEY, A. A. W., CROLLA, D. A.

(1977) Overload clutches for agricultural PTO driven machinery: VI Performance of a sintered friction material with radial grooves. Departmental Note DN-ER-834-05005, Silsoe: NIAE 23pp.

CHESTNEY, A. A. W., CROLLA, D. A.

(1978) Overload clutches for agricultural PTO driven machinery: VII Performance of organic friction materials with full waffle grooves. NIAE Departmental Note DN-ER-865-05005, Silsoe: NIAE 16pp.

CHESTNEY, A. A. W., KING, F. S.

(1980) An evaluation of the reliability of a pawl and ratchet overrun clutch running at 1000 rev/min. NIAE Departmental Note DN-MDR-1036-05005, Silsoe: NIAE 9pp.

CHESTNEY, A. A. W., SHEPPERSON, G.

(1974) Experiments with a twin-screw press to express juice from lucerne 1974. NIAE Departmental Note DN-FC-511-1385, Silsoe: NIAE 16pp. Appendices.

CHESTNEY, A. A. W., WHITE, D. J.

(1972) The effect of reduced transmission stiffness on the torque fluctuations in a rotary cultivator drive shaft. NIAE Departmental Note DN-ER-197-1172, Silsoe: NIAE 12pp, figs.

CHISHOLM, C. J.

(1972) A survey of 114 tractor sideways overturning accidents in the UK - 1969 to 1971. NIAE Departmental Note DN/TE/238/1425, Silsoe: NIAE 28pp, figs.

CHISHOLM, C. J.

(1976) Equipment for tractor overturning experiments. NIAE Departmental Note DN-E-530-1425, Silsoe: NIAE 19pp. Appendices.

CHISHOLM, C. J.

(1976) A comparison of standards for static tests on roll over protective structures for agricultural tractors and earthmoving machinery. NIAE Departmental Note DN-E-719-4600, Silsoe: 20pp.

CHISHOLM, C. J.

(1976) Smoothing of digital signals. NIAE Departmental Note DN-E-752-1425, Silsoe: NIAE, 24pp.

CHISHOLM, C. J.

(1977) Tractor overturning tests: 1973-75. NIAE Departmental Note DN-E-693-1425, Silsoe: NIAE 86pp.

- CHISHOLM, C. J.
(1977) Computer simulation of tractor sideways overturning. NIAE Departmental Note DN/E/465/02006, Silsoe: NIAE 165pp.
- CHISHOLM, C. J.
(1977) The prediction of tractor safety cab deformation: Part II - The NIAE MK II experimental frame. NIAE Departmental Note DN-E-711-02006, Silsoe: NIAE 12pp.
- CHISHOLM, C. J.
(1978) Durability of tractor safety cabs. Departmental Note DN-E-931-02009, Silsoe: NIAE 14pp.
- CHISHOLM, C. J., PARKER, J. F.
(1975) The prediction of tractor safety cab deformation: Part I - a preliminary study. NIAE Departmental Note DN/E/435/1425, Silsoe: NIAE 40pp.
- CHITTEY, E. T.
(1970) Trials with a selective electro-mechanical thinner in sugar beet, 1968. NIAE Departmental Note DN-R-045-1607, Silsoe: NIAE 11pp Figs.
- CHITTEY, E. T.
(1971) Trials with a selective electro-mechanical thinner in sugar beet 1969. NIAE Departmental Note DN-R-107-1607, Silsoe: NIAE 15pp Figs.
- CHITTEY, E. T., MARCHANT, W. T. B., MAUGHAN, G. L.
(1965) Automatic steering and depth control for sugar beet harvesters. NIAE Departmental Note DN-184-CD, Silsoe: NIAE 8pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1955) Down-the-row thinning experiments, sugar beet, 1954 Babworth, Nr. Retford, Nottinghamshire. NIAE Departmental Note DN-47, Silsoe: NIAE 20pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1956) Investigation into simultaneous down-the-row thinning and side-hoeing of sugar beet, 1955. NIAE Departmental Note DN-73, Silsoe: NIAE 9pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1956) Down-the-row thinning of sugar beet and other row crops - subsidiary investigations, 1952. NIAE Departmental Note DN-74-ATD, Silsoe: NIAE 7pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1958) Down-the-row thinning of sugar beet: Comparison of the Windsor system of mechanical thinning with a system using small blades only, 1956. NIAE Departmental Note DN-97-ATD, Silsoe: NIAE 7pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1959) Down-the-row thinning of sugar beet: comparison of the Windsor system of mechanical thinning with a system using small blades only, 1958. NIAE Departmental Note DN-104-ATD, Silsoe: NIAE 6pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1959) Mechanical thinning of sugar beet: The effect of using a thinner to prolong the singling period, 1956-1958. NIAE Departmental Note DN-106-ATD, Silsoe: NIAE 7pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1960) The effect of unit spacing drills on the performance of mechanical thinners in sugar beet, 1957-1959. NIAE Departmental Note DN-122-ATD, Silsoe: NIAE 9pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1960) Down-the-row thinning of sugar beet: Comparison of the Windsor system of mechanical thinning with a system using small blades only, 1956-1958. NIAE Departmental Note DN-123-ATD, Silsoe: NIAE 7pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1961) Mechanical thinning of sugar beet - a comparison of the performance of different types of thinners, 1959. NIAE Departmental Note DN-134-ATD, Silsoe: NIAE 7pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1961) Mechanical thinning of sugar beet a comparison of the performance of different types of thinners - 1960. NIAE Departmental Note DN-139-ATD, Silsoe: NIAE 11pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1962) Mechanical thinning of sugar beet an investigation into the time of application of mechanical thinning - 1961. NIAE Departmental Note DN-148-CD, Silsoe: NIAE 10pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1962) Mechanical thinning of sugar beet: a comparison of the performance of different types of thinners - 1961. NIAE Departmental Note DN-150-CD, Silsoe: NIAE 11pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1962) Mechanical thinning of sugar beet: A comparison of the performance of different types of thinners, 1959-1961. NIAE Departmental Note DN-151-CD, Silsoe: NIAE 8pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1963) Mechanical thinning of sugar beet: A comparison of the performance of different types of thinners - 1962. NIAE Departmental Note DN-155-CD, Silsoe: NIAE 12pp.

- CHITTEY, E. T., MAUGHAN, G. L.
(1963) Mechanical thinning of sugar beet: An investigation into the time of application of mechanical thinning - 1962. NIAE Departmental Note DN-156-CD, Silsoe: NIAE 9pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1964) Mechanical thinning of sugar beet: An investigation into the time of application of mechanical thinning - 1963. NIAE Departmental Note DN-176-CD, Silsoe: NIAE 9pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1965) Mechanical thinning of sugar beet: An investigation into the time of application of mechanical thinning - 1964. NIAE Departmental Note DN-186-CD, Silsoe: NIAE 8pp.
- CHITTEY, E. T., MAUGHAN, G. L.
(1966) Study of shallow seedbed preparation technique for sugar beet, 1964 and 1965. NIAE Departmental Note DN-206-CD, Silsoe: NIAE, 10pp.
- CHITTEY, E. T., MILLER, P. C. H.
(1979) Preliminary investigations of the performance of lifting wheels. NIAE Departmental Note DN-R-760-06009, Silsoe: NIAE 13pp.
- CHITTEY, E. T., MILLER, P. C. H.
(1979) The performance of lifting wheels in sandy clay loam: The effect of working depth. NIAE Departmental Note DN-R-947-06009, Silsoe: NIAE 11pp.
- CHITTEY, E. T., MILLER, P. C. H.
(1980) The performance of lifting wheels in clay: The effect of working depth and forward speed. NIAE Departmental Note DN-FV-948-06009, Silsoe: NIAE 14pp.
- CHITTEY, E. T., MILLER, P. C. H.
(1980) Preliminary investigations of the performance of lifting shares for sugar beet. NIAE Departmental Note DN-FV-1035-06009, Silsoe: NIAE 14pp.
- CHITTEY, E. T., WOOD, G. M., MAUGHAN, G. L.
(1956) Harvesting of irregularly spaced crops of sugar beet (BSC/NIAE, 1955). NIAE Departmental Note DN-72, Silsoe: NIAE 22pp.
- CHITTEY, E. T., WOOD, G. M., MAUGHAN, G. L.
(1957) Harvesting of irregularly spaced crops of sugar beet, BSC/NIAE, 1956. NIAE Departmental Note DN-87-ATD, Silsoe: NIAE 13pp.
- CHITTEY, E. T., WOOD, G. M., MAUGHAN, G. L.
(1958) Harvesting of irregularly spaced crops of sugar beet BSC/NIAE, 1957. NIAE Departmental Note DN-95-ATD, Silsoe: NIAE 22pp.
- COLLINS, T. S.
(1978) Methods for improving the performance of cereal drills. Part II Precision metering mechanisms and seed transport in pipes. NIAE Departmental Note DN-Cu-894-01008, Silsoe: NIAE 56pp.
- COLLINS, T. S.
(1978) Methods for improving the performance of cereal drills Part III Volumetric flow metering mechanisms. NIAE Departmental Note DN-Cu-895-01008, Silsoe: NIAE 13pp.
- COLLINS, T. S., GUTTERIDGE, M. W., FRANCIS, C. D.
(1976) Methods for improving the performance of cereal drills: Part I. Metering mechanisms and initial sowing depth studies. NIAE Departmental Note DN-Cu-709-1265, Silsoe: NIAE 56pp.
- COLLINS, T. S., WATTS, C. W.
(1980) Methods for improving the performance of cereal drills. Part IV Summary of work. NIAE Departmental Note DN-Cu-1000-01008, Silsoe: NIAE 55pp.
- COMELY, D. R.
(1971) Some performance measurements on the Allmet Combi Mark II grass drier at G.R.I. Hurley. NIAE Departmental Note DN-M-095-1370, Silsoe: NIAE 12pp Fig.
- COMELY, D. R., ARNOLD, R. E.
(1977) Drying large round bales in tunnels, 1976. NIAE Departmental Note DN-FC-766-07005, Silsoe: NIAE 23pp.
- COMELY, D. R., ARNOLD, R. E.
(1980) Drying large round bales in tunnels, 1977. NIAE Departmental Note DN-FC-855-07005, Silsoe: NIAE 15pp.
- COPE, R. E.
(1980) Studies of the power levels required to operate different widths of rotary digger. NIAE Departmental Note DN-Cu-996-01009, Silsoe: NIAE 21pp.
- CORRIE, W. J.
(1968) Swath wilting experiments May 1967. NIAE Departmental Note DN-7-HCD-68, Silsoe: NIAE 7pp.
- CORRIE, W. J.
(1971) Study of selective cauliflower harvesting using dynamic programming. NIAE Departmental Note DN-SY-144-1950, Silsoe: NIAE 33pp.
- CORRIE, W. J., BULL, D. A.
(1968) Investigations into the characteristics of large bales. NIAE Departmental Note DN-5-HCD, Silsoe: NIAE 35pp.

- CORRIE, W. J., KLINNER, W. E.
(1968) A limited investigation into the handling and drying of half-length bales. NIAE Departmental Note DN-8-HCD and T-MPD-68-1 (1358), Silsoe: NIAE 6pp.
- CORRIE, W. J., PARKE, D.
(1975) Development of models for evaluating haymaking systems. NIAE Departmental Note DN-SY-563-1957, Silsoe, NIAE 52pp.
- COTTON, R. F.
(1970) A comparison of two thermocouple reference junctions. NIAE Departmental Note DN-G-016-2102, Silsoe, NIAE 4pp Fig.
- COTTON, R. F.
(1970) The emissivity of plastic heating ducts. NIAE Departmental Note DN-G-043-2101, Silsoe: NIAE 7pp Figs.
- COTTON, R. F., MOULSLEY, L. J.
(1969) Some tests on an apparatus for measuring atmospheric dew-point, Departmental Note (DN-19-FBD), National Institute of Agricultural Engineering Research, Silsoe, 8pp.
- COTTON, R. F., WOLFE, J. S.
(1971) Temperature and humidity under black polyethylene covers on chrysanthemum beds. NIAE Departmental Note DN-G-070-2103, Silsoe: NIAE 14pp tables.
- COTTON, R. F., WOLFE, J. S.
(1971) The performance of a glasshouse warm-air heating system with various arrangements of polyethylene distribution ducts. NIAE Departmental Note DN/G/183/2101, Silsoe: NIAE 13pp, figs.
- COTTRELL, S., AUDSLEY, E.
(1976) Matching tractor and implements to minimise machine and labour costs for cultivation. NIAE Departmental Note DN-SY-635-1960, Silsoe: NIAE 25pp.
- COTTRELL, F. B., HOLT, J. B.
(1970) Mechanical aids to the picking of top fruit into bins. NIAE Departmental Note DN-MH-2-70, Silsoe: NIAE 38pp.
- COVE, C. A., AMBLER, B., MEEKS, I. R.
(1972) Heart rate data logging. NIAE Departmental Note DN/IS/209/1440/1445, Silsoe: NIAE 11pp, figs.
- COVE, C. A., HARTSHORN, R. L., LAKE, J. R.
(1972) A vibrating needle apparatus for the production of drops. NIAE Departmental Note DN/S/274/1915, Silsoe: NIAE 4pp, Figs.
- COX, A. L.
(1974) Climatic requirements for milking parlour operators, Part I. NIAE Departmental Note DN/E/451/1440, Silsoe: NIAE 22pp, Figs.
- COX, A. L.
(1974) Ergonomic aspects of milking parlour kicking rail design. NIAE Departmental Note DN/E/452/1440, Silsoe: NIAE 9pp, Figs.
- COX, A. L.
(1975) The effect of the duration of the working shift on cowmen in a simulated dairy parlour. NIAE Departmental Note DN-E-581-1440, Silsoe: NIAE 12pp.
- COX, S. W. R., HARRIES, G. O.
(1970) Control unit for a five-row chemical thinner. NIAE Departmental Note DN-CI-054-1607, Silsoe: NIAE 16pp Figs.
- CROLLA, D. A.
(1973) Time delay in tractor draught controls. NIAE Departmental Note DN/T/429/1410, Silsoe: NIAE 13pp, Figs.
- CROLLA, D. A.
(1973) Simulating the performance of tractor draught controls. NIAE Departmental Note DN/T/397/1410, Silsoe: NIAE 29pp, Figs.
- CROLLA, D. A.
(1974) A four degree of freedom model for determining interaction between a tractor and cultivation implement. NIAE Departmental Note DN-T-561-1410, Silsoe: NIAE 17pp.
- CROLLA, D. A.
(1976) PTO drivelines for agricultural machinery: II - Theoretical analysis of overload protection when starting up high inertia machines. NIAE Departmental Note DN-ER-699-1172, Silsoe: NIAE 17pp.
- CROLLA, D. A.
(1977) PTO drivelines for agricultural machinery: III Vibration analysis of a simplified tractor-machine model. NIAE Departmental Note DN-ER-764-1172, Silsoe: NIAE 20pp.
- CROLLA, D. A.
(1978) A theoretical analysis of the ride vibration of tractor and trailer combinations. NIAE Departmental Note DN-ER-901-05005, Silsoe: NIAE 32pp.
- CROLLA, D. A., CHESTNEY, A. A. W.
(1977) Overload clutches for agricultural PTO driven machinery: I Performance of various friction materials. NIAE Departmental Note DN-ER-765-1172, Silsoe: NIAE 28pp.
- CROLLA, D. A., CHESTNEY, A. A. W.
(1977) PTO drivelines for agricultural machinery: IV. Service loading of PTO driven cultivation machinery. NIAE Departmental Note DN-ER-811-05005, Silsoe: NIAE 23pp.

- CROLLA, D. A., CHESTNEY, A. A. W.
(1978) PTO drivelines for agricultural machinery: V. Service loading of forage harvesting machinery. NIAE Departmental Note DN-ER-849-05005, Silsoe: NIAE 22pp.
- CROLLA, D. A., CHESTNEY, A. A. W.
(1978) PTO drivelines for agricultural machinery: VI Service loading of balers and mixer-feeder wagons. NIAE Departmental Note DN-ER-850-05005, Silsoe: NIAE 17pp.
- CROLLA, D. A., DALE, A. K.
(1979) The ride vibration of tractor and trailer combinations. NIAE Departmental Note DN-ER-915-05005, Silsoe: NIAE, 22pp.
- CROLLA, D. A., DALE, A. K., MANBY, T. C. D.
(1978) The ride vibration of a potential farm transport vehicle. NIAE Departmental Note DN-ER-914-05005, Silsoe: NIAE 15pp.
- CROLLA, D. A., PEARSON, G., SEWARD, P. C.
(1975) Response of a tractor draught control which senses driveline torque. NIAE Departmental Note DN-T-605-1410, Silsoe: NIAE 20pp.
- CROLLA, D. A., SEWARD, P. C.
(1975) Improving draught control performance by damping top link movement. Silsoe: NIAE 13pp.
- CROLLA, D. A., SEWARD, P. C.
(1976) Improving implement depth control with a pivote depth wheel operating the tractor hydraulic lift. NIAE Departmental Note DN-T-653-1410, Silsoe: NIAE 12pp.
- CROWTHER, J. S. W.
(1975) Group feeding system for dairy cattle at Mander College Farm - circuit details for semi-automatic operation. NIAE Departmental Note DN-C-648-1015, Silsoe: NIAE 11pp.
- CROWTHER, J. S. W., STREET, M. J.
(1976) A control circuit for a gravimetric feed dispenser for use in a rotary milking parlour. NIAE Departmental Note DN-C-672-1019, Silsoe: NIAE 6pp.
- CROWTHER, J. S. W., STREET, M. J.
(1977) Simple control circuits for use with NIAE gravimetric feed dispensers for concentrates in static milking parlours. NIAE Departmental Note DN-LC-807-04018, Silsoe: NIAE 8pp.
- CROWTHER, J. S. W., TURNER, M. J. B.
(1974) Operational experience at Bridgets E.H.F., 1972-73. NIAE Departmental Note DN/C/425/1015, Silsoe: NIAE 7pp Figs.
- CROWTHER, J. S. W., TURNER, M. J. B.
(1977) A proposed modular system for the control of cattle feeding installations. NIAE Departmental Note DN-LC-805-04005, Silsoe: NIAE 25pp.
- CROWTHER, J. S. W., TURNER, M. J. B., FILBY, D. E.
(1977) An automatic sequence controller for the cattle feeding installation at Bedford College Farm. NIAE Departmental Note DN-LC-806-04005, Silsoe: NIAE 22pp.
- CUMBY, T. R.
(1980) An automatic trough feeding system for pigs Part III. The development of an efficient, low cost mixer. NIAE Departmental Note DN-L-962-10002, Silsoe: NIAE 20pp.
- CUMBY, T. R., RANDALL, M. J., DAVIS, P. F.
(1978) An automatic trough feeding system for pigs Part II. An investigation of the nature and factors affecting the flow properties of various meal and water mixtures. NIAE Departmental Note DN-L-747-10002, Silsoe: NIAE 43pp.
- CURTIS, M. P., HEPHERD, R. Q.
(1974) Aeration of cattle slurry by means of a plunging jet. Part I. Preliminary. Departmental Note (DN/FB/454/3000), National Institute of Agricultural Engineering, Silsoe. 15pp
- DALE, A. K.
(1976) The verification of predicted tractor frequency response. NIAE Departmental Note DN-E-668-1445, Silsoe: NIAE 14pp.
- DALE, A. K.
(1977) Speed induced resonance effect of NIAE undulating tractor test track. NIAE Departmental Note DN-E-808-02005, Silsoe: NIAE 14pp.
- DALE, A. K.
(1977) The measurement and special analysis of agricultural vehicle ride vibration at NIAE. NIAE Departmental Note DN-E-835-02005, Silsoe: NIAE 17pp.
- DALE, A. K.
(1978) Spectral analysis of the NIAE undulating tractor test track. NIAE Departmental Note DN-E-897-02005, Silsoe: NIAE 15pp.
- DALE, A. K.
(1978) The rapid spectral analysis of random data using the NIAE PDP 11/34 computer. NIAE Departmental Note DN-E-902-02005, Silsoe: NIAE 6pp.
- DALE, A. K.
(1978) Critical analysis of draft standard vibrator inputs for tractor suspension seat tests. NIAE Departmental Note DN-E-921-02005, Silsoe: NIAE 10pp.

- DALE, A. K., COTTRELL, F. B.
(1978) The dynamic stiffness of tractor tyres: Rapid analysis of transient oscillations using an on-line computer. NIAE Departmental Note DN-E-842-02005, Silsoe: NIAE 17pp.
- DALLYN, S.
(1977) Calculation of air pressures and flows in systems of lateral ducts for crop ventilation. NIAE Departmental Note DN-DS-813-07005, Silsoe: NIAE 24pp.
- DAVIES, A. C. W.
(1966) A limited survey on orchard grass cutting. NIAE Departmental Note DN-6-HCD-66, Silsoe: NIAE 8pp.
- DAVIES, P. F., DEXTER, A. R.
(1971) Two methods for describing shapes of soil particles. NIAE Departmental Note DN/ER/191/1162, Silsoe: NIAE 7pp, figs.
- DAVIES, P. F., HIGGS, D. M. J.
(1974) A statistical analysis of the shape and cutting planes of sugar beet crowns. NIAE Departmental Note DN/M/478/1600, Silsoe: NIAE 29pp, Figs.
- DAVIES, A. C. W., WHEELER, J. A.
(1968) A study of the mechanical stripping of brussels sprouts. NIAE Departmental Note DN-1-HCD-68, Silsoe: NIAE 14pp.
- DAVIS, P. F.
(1970) Use of pattern recognition and control theory to assist in the design and assessment of tractor seat or cab suspensions. NIAE Departmental Note DN-CM-34-70, Silsoe: NIAE 14pp.
- DAVIS, P. F.
(1971) A preliminary theoretical study of cell fill in a closed cell seed metering mechanism. NIAE Departmental Note DN-CN-097-1605, Silsoe: NIAE 24pp Figs.
- DAVIS, P. F.
(1971) Procedures for optimizing the design and operation of machinery and other equipment. NIAE Departmental Note DN-CM-118-0801, Silsoe: NIAE 9pp.
- DAVIS, P. F.
(1973) Organisation of the computer program for beet topping simulation. NIAE Departmental Note DN/CM/333/1600, Silsoe: NIAE 14pp.
- DAVIS, P. F.
(1973) Ideal filtering of spray boom movement signals. NIAE Departmental Note DN/CM/381/1905, Silsoe: NIAE 5pp, Figs.
- DAVIS, P. F.
(1973) The method of analysis of spray boom motion. NIAE Departmental Note DN/CM/382/1905, Silsoe: NIAE 19pp.
- DAVIS, P. F.
(1976) Some calculations of fractures in the context of sugar beet with implications for soil tillage. NIAE Departmental Note DN-M-727-1160, Silsoe: NIAE 10pp.
- DAVIS, P. F.
(1978) Scheme for calculation of the stresses in triangular panels of an inflated plastic roof of a greenhouse under snowloads. NIAE Departmental Note DN-M-857-99008, Silsoe: NIAE 17pp.
- DAVIS, P. F.
(1980) Computer programs for elastic stress analysis of two and three dimensional structures. NIAE Departmental Note DN-MS-959-04025, Silsoe: NIAE 33pp.
- DAVIS, P. F.
(1980) Feasibility of semi-empirical prediction of airflow patterns and pressure coefficients for farm buildings and greenhouses. Departmental Note (DN/MS/1033/99008), National Institute of Agricultural Engineering, Silsoe, 13pp.
- DAVIS, P. F.
(1980) A computer program for the tension in a polygonal panel of an inflated roof greenhouse under snow or wind loads. NIAE Departmental Note DN-MS-965-99008, Silsoe: NIAE 15pp.
- DAWSON, J. R.
(1971) The development of a mobile steaming grid. I. Initial experiments with sub-surface parts. NIAE Departmental Note DN-G-119-2201, Silsoe: NIAE 16pp. Figs.
- DAWSON, J. R.
(1971) The development of a mobile steaming grid. II. A prototype machine and nursery trials. NIAE Departmental Note DN-G-133-2201, Silsoe: NIAE 19pp. Figs.
- DAWSON, J. R.
(1971) Soil forces on a wide horizontal blade operating at a depth of 16 in. (0.4 m). NIAE Departmental Note DN-G-139-2201, Silsoe: NIAE 6pp. Figs.
- DAWSON, J. R.
(1974) Some preliminary measurements of the effect of a blackout system on the heat loss from a glasshouse. NIAE Departmental Note DN/G/416/2105, Silsoe: NIAE 15pp.
- DAWSON, J. R.
(1974) The N.I.A.E. MK.II continuous weigher. NIAE Departmental Note DN-C-529-1016, Silsoe: NIAE 9pp. Tables.

- DAWSON, J. R.
(1974) Further measurements of the effect of a blackout system on the heat loss from a glasshouse. NIAE Departmental Note DN-G-542-2301, Silsoe, NIAE 8pp.
- DAWSON, J. R., BRUCE, D. M.
(1978) Mobile feeding equipment - some power measurements. NIAE Departmental Note DN-LC-874-04005, Silsoe: NIAE 8pp.
- DAWSON, J. R.
(1979) A summary of farm trials of continuous weighing and proportioning 1974-1979. NIAE Departmental Note DN-LC-936-04005, Silsoe; NIAE 12pp.
- DAWSON, J. R., CROWTHER, J. S. W.
(1976) Continuous weighing 1974-76 and results from trials at Mander College Farm, Silsoe. NIAE Departmental Note DN-C-723-1016, Silsoe: NIAE 14pp.
- DEVINE, E. S.
(1966) A comparison of different methods of silage making. NIAE Departmental Note DN-4-HCD-66, Silsoe: NIAE 14pp.
- DEVINE, E. S.
(1967) The case for the development of a mobile packing shed, to be used as a link between machine harvesting of vegetables and market preparation. NIAE Departmental Note DN-12-HCD-67, Silsoe: NIAE 10pp.
- DEVINE, E. S.
(1967) Evaluation of NIAE picking aids in fruit harvesting. NIAE Departmental Note DN-13-HCD-67, Silsoe: NIAE 6pp.
- DEVINE, E. S., GREEN, H. C.
(1964) Investigations into the use of a multi-tray bin for handling and storing pears. NIAE Departmental Note DN-179-HH, Silsoe: NIAE 9pp.
- DEXTER, A. R.
(1971) Review of soil dynamics research January 1971. NIAE Departmental Note DN-ER-074-1162, Silsoe: NIAE 29pp Figs.
- DEXTER, A. R.
(1972) Soil mechanics in agriculture. NIAE Departmental Note DN-ER-202-1162, Silsoe: NIAE 10pp, figs.
- DEXTER, A. R., STAFFORD, J. V.,
TANNER, D. W.
(1977) Edge effects on tines and probes. NIAE Departmental Note DN-T-775-05002, Silsoe: NIAE 13pp.
- DEXTER, A. R., TANNER, D. W.
(1971) The packing density of particles: Part I. Ternary mixtures. NIAE Departmental Note DN-ER-083-1162, Silsoe: NIAE 6pp Figs.
- DEXTER, A. R., TANNER, D. W.
(1971) The flow of sand and clay around penetrating spheres. NIAE Departmental Note DN-ER-122-1162, Silsoe: NIAE 14pp. Figs.
- DEXTER, A. R., TANNER, D. W.
(1971) The packing density of particles: Part II, Log-normal mixtures. NIAE Departmental Note DN-ER-127-1162, Silsoe: NIAE 8pp. Figs.
- DEXTER, A. R., TANNER, D. W.
(1972) Penetration of spheres into soil: Part I, measurement techniques in the field and experimental results. NIAE Departmental Note DN/ER/198/1162, Silsoe: NIAE figs. 45pp
- DEXTER, A. R., TANNER, D. W.
(1972) Penetration of spheres into soil: Part II - correlations and conclusions. NIAE Departmental Note DN/ER/245/1162, Silsoe: NIAE 17pp, table.
- DEXTER, A. R., TANNER, D. W.
(1972) The response of unsaturated soils to isotropic stress: Part I stable states in compression and expansion. NIAE Departmental Note DN/ER/260/1162, Silsoe: NIAE 18pp, tables.
- DEXTER, A. R., TANNER, D. W., McLEES, V. A.
(1972) Penetration of soil by cylindrical and wedge-shaped probes. NIAE Departmental Note DN/ER/331/1162, Silsoe: NIAE 24pp, Figs.
- DONATI, P. M., WHYTE, R. T., STEADER, W. V.,
STAYNER, R. M.
(1989) Assessment of tractor seat design in dynamic conditions. Phase 1: Preferred height and angle of the back rest and width of the seat pan. AFRC IER Departmental Note DN 1528, Silsoe: AFRC IER 51pp.
- DUMONT, A. G.
(1971) Statistical distributions to represent the times to carry out agricultural unit operations. NIAE Departmental Note DN-SY-117-1950,51, Silsoe: NIAE 52pp.
- DUMONT, A. G.
(1974) A mathematical model of a method of treating pig slurry which calculates the evaporation, liquid and solids obtained. NIAE Departmental Note DN/SY/405/3000, Silsoe: NIAE 25pp.
- DUMONT, A. G.
(1976) A high temperature crop drier with a heat exchanger to preheat and predry the crop: An economic study. NIAE Departmental Note DN-SY-667-1959, Silsoe: NIAE 23pp.

- DUMONT, A. G.
(1977) Computer programmes to read, edit and write hourly weather data from copies of the original magnetic tapes from the Meteorological Office. NIAE Departmental Note DN-SY-794-11011, Silsoe: NIAE 18pp.
- DUMONT, A. G.
(1978) The development of a mixed integer/linear programming model to study the economic effects of different farm transport systems. NIAE Departmental Note DN-SY-851-11013, Silsoe: NIAE 26pp.
- DUMONT, A. G.
(1979) Comparing a self propelled transport vehicle with conventional tractor/trailer combinations on large arable farms. An operational research study. NIAE Departmental Note DN-OR-952-11013, Silsoe: NIAE 16pp.
- DUMONT, A. G., BOYCE, D. S.
(1977) Forage fractionation and leaf protein production of dairy farms in England and Wales - An economic study of the potential of a weather independent method of forage conservation. NIAE Departmental Note DN-SY-646-1959, Silsoe: NIAE 28pp.
- DUMONT, S., NELLIST, M. E.
(1977) Air distribution in floor-ventilated columns of large round hay bales with, and without, reduced density cores. NIAE Departmental Note DN-DS-783-1380, Silsoe NIAE 15pp.
- DUMONT, A., PARKE, D.
(1978) Effect of barn drying on hay value. NIAE Departmental Note DN-SY-868-11007, Silsoe: NIAE 21pp.
- DUNN, J. S., LINDSAY, R. T., MAUGHAN, G. L.
(1963) The development of a sinner type weeder blades - 1962. NIAE Departmental Note DN-158-CD, Silsoe: NIAE 6pp.
- DUNN, J. S., MAUGHAN, G. L.
(1956) Preliminary trial of Eversman Model 289 automatic land leveller and hydraulic scraper. NIAE Departmental Note DN-74, Silsoe: NIAE 14pp.
- DUNN, J. S., MAUGHAN, G. L.
(1956) Chemical weed control in sugar beet using sodium nitrate Wrest Park, 1955. NIAE Departmental Note DN-80-ATD, Silsoe: NIAE 3pp.
- DUNN, J. S., MAUGHAN, G. L.
(1956) Investigation into the topping of a mechanically-thinned crop of sugar beet, Wrest Park, 1954. NIAE Departmental Note DN-85-ATD, Silsoe: NIAE 8pp.
- DUNN, J. S., MAUGHAN, G. L.
(1957) Mechanization of the spring cultivation of sugar beet - levelling trials, 1956. NIAE Departmental Note DN-89-ATD, Silsoe: NIAE 13pp.
- DUNN, J. S., MAUGHAN, G. L.
(1958) Sugar beet seed-bed preparation - 1957 trials. NIAE Departmental Note DN-99-ATD, Silsoe: NIAE 7pp.
- DUNN, J. S., MAUGHAN, G. L.
(1960) The use of fluorescent tracers for marking sugar beet seed, 1959. NIAE Departmental Note DN-121-ATD, Silsoe: NIAE 7pp.
- DUNN, J. S., MAUGHAN, G. L.
(1960) Spraying: Band application of a systemic insecticide to sugar beet, 1959. NIAE Departmental Note DN-124-ATD, Silsoe: NIAE 5pp.
- DUNN, J. S., MAUGHAN, G. L.
(1960) The emergence of sugar beet in relation to the time of final seed-bed cultivation. NIAE Departmental Note DN-114-ATD, Silsoe: NIAE, 4pp.
- DUNN, J. S., MAUGHAN, G. L.
(1960) Mechanical topping of different populations of machine-thinned beet, 1956-58. NIAE Departmental Note DN-126-ATD, Silsoe: NIAE 8pp.
- DUNN, J. S., MAUGHAN, G. L.
(1961) Spraying: Band application of a systemic insecticide to sugar beet, 1960. NIAE Departmental Note DN-137-ATD, Silsoe: NIAE 5pp.
- DUNN, J. S., MAUGHAN, G. L.
(1962) Spraying: Band application of a systemic insecticide to sugar beet, 1961. NIAE Departmental Note DN-149-CD, Silsoe: NIAE 5pp.
- DUNN, J. S., MAUGHAN, G. L.
(1960) A preliminary investigation into the use of a tractor-mounted low volume sprayer for applying systemic insecticide to the sugar beet crop. NIAE Departmental Note DN-119-ATD, Silsoe: NIAE, 7pp.
- DWYER, M. J.
(1970) Compaction problems on agricultural soils. NIAE Departmental Note DN-TE-011-1450, Silsoe: NIAE 28pp.
- DWYER, M. J.
(1973) Farm transport requirements and their effect on tractor design. NIAE Departmental Note DN/TC/426/1400, Silsoe: NIAE 13pp.

- DWYER, M. J., COMELY, D. R., EVERNDEN, D. W.
(1974) The development of a handbook of agricultural tyre performance. NIAE Departmental Note DN-T-517-1415, Silsoe: NIAE 16pp. Figs.
- DWYER, M. J., EVERNDEN, D. W., McALLISTER, M.
(1975) The effect of tread pattern on the tractive performance of tractor driving wheel tyres. NIAE Departmental Note DN-T-589-1415, Silsoe: NIAE 14pp.
- DWYER, M. J., McALLISTER, M., EVERNDEN, D. W.
(1975) Comparison of the tractive performance of a tractor driving wheel during its first and second passes in the same track. NIAE Departmental Note DN-T-652-1415, Silsoe: NIAE 14pp.
- DWYER, M. J., PEARSON, G.
(1972) Simulating ground-induced vibrations in agricultural machines by a simple rig. NIAE Departmental Note DN/CT/226/1420, Silsoe: NIAE 9pp, figs.
- DWYER, M. J., PEARSON, G.
(1975) A field comparison of the tractive performance of two and four-wheel drive tractors. NIAE Departmental Note DN-T-574-1405, Silsoe: NIAE 24pp.
- DWYER, M. J., ROGIE, D.
(1972) A survey of control requirements and unscheduled stops during tillage operations Part II: ploughs, cultivators and rotary cultivators 1971-2. NIAE Departmental Note DN/CT/272/1261, Silsoe: NIAE 26pp.
- DWYER, M. J., ROGIE, D.
(1973) A survey of control requirements and unscheduled stops during tillage operations. Part III: ploughs and cultivators 1972-3. NIAE Departmental Note DN/TC/362/1261, Silsoe: NIAE 18pp.
- DWYER, M. J., SMITH, D. W., THISTLETHWAITE, F., SEWARD, P. C.
(1977) An assessment of the EFM and Rhodes Flowmeters for measurement of fuel consumption during OECD tractor tests. NIAE Departmental Note DN-T-791-51001, Silsoe: NIAE 8pp.
- FAIREY, J. E.
(1977) Evaluation of resiliently mounted crop conditioning beaters. NIAE Departmental Note DN-FC-786-1355, Silsoe: NIAE 7pp.
- FARRENT, J. W., SHARP, J. R.
(1975) Air assisted conveyance of strawberries. NIAE Departmental Note DN/VSF/404/1316, Silsoe: NIAE 9pp, Figs.
- FILBY, D. E., TURNER, M. J. B.
(1975) Cattle weighing - operational experience with a semi-automated weigh platform. NIAE Departmental Note DN-C-636-1018, Silsoe: NIAE 16pp.
- FILBY, D. E., TURNER, M. J. B.
(1976) Semi-automatic group feeding of dairy cattle at Mander College Farm, Silsoe, 1974-75. NIAE Departmental Note DN-C-641-1015(1), Silsoe: NIAE 15pp.
- FILBY, D. E., TURNER, M. J. B.
(1977) Forage tower filling and feeding at Bedford College Farm, 1975-1976-1977. NIAE Departmental Note DN-LC-841-04005, Silsoe: NIAE 17pp.
- FILBY, D. E., TURNER, M. J. B.
(1977) Cattle weighing - semi-automation of a Gascoigne four-point weigh crate. NIAE Departmental Note DN-LC-778-040006, Silsoe: NIAE 12pp.
- FISHWICK, P. M., BOTTOMS, D. J.
(1976) Distributions of height, weight and age of tractor drivers. NIAE Departmental Note DN-E-669-1465, Silsoe: NIAE 20pp.
- FROST, A. R.
(1975) Ligament formation from spinning disc atomizers. NIAE Departmental Note DN-S-621-1915, Silsoe: NIAE 7pp.
- FROST, A. R.
(1976) Formation and use of sprays with controlled properties (Project 1915) A review of spray formation systems; and a progress report on a study of the spinning disc atomizer (1973-76). NIAE Departmental Note DN-S-725-1915, Silsoe: NIAE 21pp.
- FROST, A. R., ANDREWS, R.
(1975) The effect of wind and boom height on spray drift. NIAE Departmental Note DN-S-569-1915, Silsoe: NIAE, 11pp.
- FROST, A. R., LAKE, J. R.
(1975) Method used to obtain drop size data for two hydraulic nozzles. NIAE Departmental Note DN-S-570-1915, Silsoe: NIAE 6pp.
- FRYER, J. T.
(1971) A preliminary examination of the behaviour of condensate on two materials suitable for the insulation of ceilings in potato and vegetable stores. NIAE Departmental Note DN-FB-090-3070, Silsoe: NIAE 4pp Figs.
- FRYER, J. T.
(1972) A reaction beam for testing structural components. NIAE Departmental Note DN/FB/192/3050, Silsoe: NIAE 5pp, figs.

- GALE, G. E., BAKER, D. E.
(1981) The development of gantry mounted harvesting equipment for greenhouse lettuces up to September 1980 (Two row version). NIAE Departmental Note DN-MH-1049-08003, Silsoe, NIAE 16pp.
- GALE, G. E., CLEMENTS, K.
(1978) Assessment of chop length of herbage. NIAE Departmental Note DN-MH-848-07009, Silsoe: NIAE 20pp.
- GALE, G. E., GURNEY, P.
(1972) Instructing a grading machine by touching electrical contacts. NIAE Departmental Note DN/MH/313/1805, Silsoe: NIAE 5pp, Figs.
- GALE, G. E., HOLT, J. B.
(1977) The NIAE fruit grading rig, 1976. NIAE Departmental Note DN-MH-750-1805, Silsoe: NIAE 21pp.
- GALE, G. E., LAWTON, P. J.
(1970) Investigations into the feasibility of semi-automatic quality inspection of fruit and vegetable (II). NIAE Departmental Note DN MH 029 1805, Silsoe, NIAE 8pp Plates.
- GARDNER, D. W., HEPHERD, R. Q.
(1972) The treatment of farm wastes by means of a high-rate biological filter. Part III. An improved continuous treatment system. NIAE Departmental Note DN/FB/170/3000, Silsoe: NIAE 20pp, tables, figs.
- GARDNER, D. W., HEPHERD, R. Q., HAWKINS, J. C.
(1971) Solid/liquid separation by electrolytic flotation as a means of improving effluent quality. NIAE Departmental Note DN/FB/154/3000, Silsoe: NIAE 11pp, fig.
- GARDNER, D. W., HUGHES, M., HEPHERD, R. Q.
(1974) The use of conditioners as aids to dewatering farm slurries and a description of the methods to compare changes in particle size. Departmental Note (DN/FB/337/3000), National Institute of Agricultural Engineering, Silsoe. 36pp
- GARDNER, D. W., HUGHES, M., HEPHERD, R. Q.
(1974) A preliminary trial of chemical conditioning as an aid to de-watering of farm slurries and sludges, and the methods used to compare their particle size distributions. NIAE Departmental Note DN/FB/337/3000, Silsoe: NIAE 24pp, Figs.
- GARTSIDE, F., CHITTEY, E. T., MAUGHAN, G. L.
(1956) Down-the-row thinning of sugar beet - extended field work, 1954. NIAE Departmental Note DN-76-ATD, Silsoe: NIAE 9pp.
- GEE-CLOUGH, D.
(1978) The effect of wheel width on the rolling resistance of rigid wheels in sand. NIAE Departmental Note DN-T-899-01002, Silsoe: NIAE 34pp.
- GEE-CLOUGH, D.
(1978) A method for calculating the forces produced by open, lugged wheels. NIAE Departmental Note DN-T-878-01002, Silsoe: NIAE 26pp.
- GEE-CLOUGH, D.
(1979) The effect of separation on the rolling resistance of dual rigid wheels in sand. NIAE Departmental Note DN-T-935-01002, Silsoe: NIAE 14pp.
- GEE-CLOUGH, D., AGGARRWAL, S., JAYASUNDERA, M. L., SINGH, A., TIANGCO, V. M., SHAH, N. G.
(1981) Recent research at the Asian Institute of Technology into vehicle performance in wetland conditions. NIAE Departmental Note DN-T-1040-01002, Silsoe: NIAE 33pp.
- GEE-CLOUGH, D., EVERNDEN, D. W., McALLISTER, M.
(1976) A comparison of the tractive performance of tractorrive wheel tyres when running in the furrow and on the field surface. NIAE Departmental Note DN-T-730-1415, Silsoe: NIAE 13pp.
- GEE-CLOUGH, D., EVERNDEN, D. W., McALLISTER, M.
(1976) A comparison of the tractive performance of radial and cross-ply tractor drive wheel tyres. NIAE Departmental Note DN-T-680-1415, Silsoe: NIAE 23pp.
- GEE-CLOUGH, D., McALLISTER, M., EVERNDEN, D. W.
(1977) The effect of forward speed on the tractive performance of tractor drive wheel tyres. NIAE Departmental Note DN-T-787-01002, Silsoe: NIAE 9pp.
- GEE-CLOUGH, D., McALLISTER, M., EVERNDEN, D. W.
(1976) The effect of lug height on the tractive performance of tractor drive wheel tyres. NIAE Departmental Note DN-T-679-1415, Silsoe: NIAE 28pp.
- GEE-CLOUGH, D., McALLISTER, M., PEARSON, G., EVERNDEN, D. W.
(1977) The empirical prediction of tractor-implement field performance. NIAE Departmental Note DN-T-809-01006, Silsoe: NIAE 22pp.
- GEE-CLOUGH, D., PEARSON, G., McALLISTER, M.
(1976) Improvements in tractor field performance due to fitting larger drive wheel

- tyres. NIAE Departmental Note DN-T-741-1405, Silsoe: NIAE 11pp.
- GEE-CLOUGH, D., SOMMER, M. S.
(1980) Steering forces on undriven, angled wheels. NIAE Departmental Note DN-T-1010-01002, Silsoe: NIAE 45pp.
- GIBBON, J. M.
(1971) Vegetable cold store study. NIAE Departmental Note DN-SY-108-3040, Silsoe: NIAE 36pp.
- GIBBON, J. M.
(1971) Tractor operators survey. NIAE Departmental Note DN-SY-123-1952, Silsoe: NIAE 25pp.
- GIBBON, J. M.
(1971) Field studies of closed circuit transport systems for silage production. NIAE Departmental Note DN/SY/185/1951, Silsoe: NIAE 22pp.
- GIBBON, J. M.
(1973) Further field studies of closed circuit transport systems for silage and sugar beet production. NIAE Departmental Note DN/SY/329/1951, Silsoe: NIAE 16pp.
- GIBBON, J. M.
(1979) Observations on the field performance of farm sprayers. NIAE Departmental Note DN-OR-938-09006, Silsoe: NIAE 17pp.
- GIBBON, J. M.
(1980) Further observations on the field performance of farm sprayers. NIAE Departmental Note DN-OR-1014-09006, Silsoe: NIAE 14pp.
- GODLEWSKI, K. J. M., PHILLIPSON, A.
(1952) Preliminary investigation into possible methods for assessing quality of work during tests of potato harvesters. NIAE Departmental Note DN-93-ATD, Silsoe: NIAE 5pp.
- GREEN, H. C.
(1971) Mechanically assisted hand picking. NIAE Departmental Note DN MH 031 1810, Silsoe: NIAE 38pp Figs.
- GREEN, H. C.
(1972) Fruit tree rig experiment on the effect of evenness of fruit distribution on picking rate. NIAE Departmental Note DN-MH-136-1810, Silsoe: NIAE 7pp. Figs.
- GREEN, H. C.
(1972) Tree rig experiment, 1971 Part II. NIAE Departmental Note DN/MH/241/1810, Silsoe: NIAE figs.
- GREEN, H. C.
(1972) A study of fruit harvesting - 1971. NIAE Departmental Note DN/MH/275/1810, Silsoe: NIAE 15pp.
- GREEN, H. C.
(1973) Production costs for apples and pears. NIAE Departmental Note DN/MH/328/1810, Silsoe: NIAE 10pp.
- GREEN, H. C.
(1973) An evaluation of methods of harvesting apples and pears. NIAE Departmental Note DN/SY/369/1810, Silsoe: NIAE 45pp.
- GREEN, H. C.
(1973) Fruit grading and packing methods. NIAE Departmental Note DN/SY/372/1810, Silsoe: NIAE 3pp, Figs.
- GREEN, H. C., BULL, D. A., CORRIE, W. J., DAVIES, A. C. W.
(1970) A study of lettuce handling. NIAE Departmental Note DN-MH-6-70, Silsoe: NIAE 24pp.
- GREEN, H. C., HOLT, J. B.
(1970) Bin emptying experiments. NIAE Departmental Note DN-MH-7-70, Silsoe: NIAE 17pp.
- GREEN, H. C., ROUNTHWAITE, T. E.
(1966) A study of apple damage in padded bins. NIAE Departmental Note DN-205-HHD, Silsoe: NIAE 3pp.
- GURNEY, P., MEEKS, I. R.
(1974) Automatic processor for coded records of seedling spacing. NIAE Departmental Note DN/IS/343/1607, Silsoe: NIAE 12pp, Figs.
- GURNEY, P., VINCENT, P. S.
(1975) Instrumentation for a simulated milking parlour. NIAE Departmental Note DN/IS/407/1440, Silsoe: NIAE 3pp, Figs.
- HALE, O. D.
(1970) Diffusion pattern of small drops over an orchard. NIAE Departmental Note DN-S-15-70, Silsoe: NIAE 17pp.
- HALE, O. D.
(1970) The impaction efficiency of small drops onto foliage. NIAE Departmental Note DN-S-002-1900, Silsoe: NIAE 11pp.
- HALE, O. D.
(1976) Data on the performance of an air jet in relation to orchard spraying. NIAE Departmental Note DN-S-638-1900, Silsoe: NIAE 41pp.
- HALE, O. D.
(1977) A trolley for moving peat bags in greenhouses. NIAE Departmental Note DN-MH-800-08003, Silsoe: NIAE 7pp.

- HALE, O. D.
(1978) Evaluation of the belt mower principle - 1977. NIAE Departmental Note DN-FC-858-03001, Silsoe: NIAE 16pp.
- HALE, O. D., BRANDON, G. P.
(1979) Development of the belt mowing system - 1978. NIAE Departmental Note DN-FM-949-03001, Silsoe: NIAE 16pp.
- HALE, O. D., SHARP, R. B.
(1974) Evaluation of a prototype sprayer designed for hedgerow plantations. NIAE Departmental Note DN/S/417/1900, Silsoe: NIAE 21pp.
- HALE, O. D., SHARP, R. B.
(1974) Evaluation of a sprayer designed for hedgerow plantations Part II 1974. NIAE Departmental Note DN-S-504-1900, Silsoe: NIAE 5pp. Figs.
- HANBURY, L. F., MAUGHAN, G. L.
(1957) A preliminary trial of a Bentall-Kent Gapper with one unit modified to function as a down-the-row thinner. NIAE Departmental Note DN-81-ATD, Silsoe: NIAE 10pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1958) Down-the-row thinning of sugar beet - an account of a trial with discs modified for thinning. NIAE Departmental Note DN-101-ATD, Silsoe: NIAE 11pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1958) Results of a preliminary calibration of two Stanhay seed spacing drill units. NIAE Departmental Note DN-102-ATD, Silsoe: NIAE 8pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1959) Extended down-the-row thinning trials in commercial crops of sugar beet, 1958. NIAE Departmental Note DN-105-ATD, Silsoe: NIAE 16pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1960) Trial of Lange Pneumatic Unit Seeder. NIAE Departmental Note DN-112-ATD, Silsoe: NIAE 7pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1960) Trial of NIAE mounted PTO driven row crop thinner with V-belt drive 1958 and 1959. NIAR Departmental Note DN-113-ATD, Silsoe; NIAE 11pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1960) Extended down-the-row thinning trials in commercial crops of sugar beet, 1959. NIAE Departmental Note DN-115-ATD, Silsoe; NIAE 20pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1961) Spacing drill development, 1958-1960. NIAE Departmental Note DN-130-ATD, Silsoe: NIAE 11pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1961) Extending down-the-row thinning trials in commercial crops of sugar beet, 1960. NIAE Departmental Note DN-135-ATD, Silsoe: NIAE 17pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1961) Down-the-row thinning of sugar beet: Extended field trials in commercial crops, 1958-60. NIAE Departmental Note DN-136-ATD, Silsoe: NIAE 7pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1961) Complete mechanization trial, sugar beet, 1960. NIAE Departmental Note DN-138-ATD, Silsoe: NIAE 9pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1962) Field trials with herbicides in machine-thinned beet, 1961. NIAE Departmental Note DN-144-CD, Silsoe: NIAE 18pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1962) Complete mechanization trial, sugar beet, 1961. NIAE Departmental Note DN-146-CD, Silsoe: NIAE 7pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1963) Field trials with herbicides in machine-thinned beet, 1962. NIAE Departmental Note DN-160-CD, Silsoe: NIAE 19pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1963) Complete mechanization trial, sugar beet, 1962. NIAE Departmental Note DN-162-CD, Silsoe: NIAE 8pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1964) Field trials with herbicides in machine thinned beet, 1963. NIAE Departmental Note DN-173-CD, Silsoe; NIAE 30pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1964) Complete mechanization - monogerm seed and low seed rates - 1963. NIAE Departmental Note DN-175-CD, Silsoe: NIAE 7pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1965) Machine thinning in low seed rates, BSC/NIAE, 1964. NIAE Departmental Note DN-181-CD, Silsoe: NIAE 25pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1965) The complete mechanization of sugar beet - monogerm seed and low seed rates - 1964. NIAE Departmental Note DN-189-CD, Silsoe: NIAE 7pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1965) The complete mechanization of sugar beet - monogerm seed and low seed rates - 1965.

- NIAE Departmental Note DN-197-CD, Silsoe: NIAE 7pp.
- HANBURY, L. F., MAUGHAN, G. L.
(1966) Machine thinning in low seed rates, BSC/NIAE 1965. NIAE Departmental Note DN-199-CD, Silsoe: NIAE 30pp.
- HANLEY, M.
(1976) Separation using a modified commercial separator of slurry from a dairy herd in kennels - Winter 1974-5. Departmental Note (DN/FB/606/3000), National Institute of Agricultural Engineering, Silsoe, 12pp.
- HANLEY, M.
(1978) Separation of slurry from a 300-cow dairy herd housed in kennels, using modified versions of the NIAE separator. Winters 1975-76 and 1976-77. NIAE Departmental Note DN-L-853-10001, Silsoe: NIAE 15pp.
- HANLEY, M., ARNALL, B.
(1979) A preliminary investigation into the uses of a remotely piloted vehicle in agriculture. NIAE Departmental Note DN-L-980-55006, Silsoe: NIAE 6pp.
- HANLEY, M., HEPHERD, R. Q.
(1971) The removal of fibre from farm slurries and the dewatering of sludges. Part 1 Preliminary trials of 4 de-fibreing machines and of straw bale tanks for sludge dewatering. Departmental Note (DN/FB/169/3000), National Institute of Agricultural Engineering, Silsoe, 20pp.
- HANLEY, M., HEPHERD, R. Q.
(1975) Separation by means of the NIAE separator of the slurry from a dairy herd housed in kennels. Winter 1973-74. Departmental Note (DN/FB/548/3000), National Institute of Agricultural Engineering, Silsoe, 9pp.
- HANLEY, M., HEPHERD, R. Q.
(1976) The development of a slurry separator suitable for feeding by gravity. Departmental Note (DN/FB/637/3000), National Institute of Agricultural Engineering, Silsoe, 6pp.
- HANLEY, M., HEPHERD, R. Q.
(1976) Separation of slurry from a 300-cow dairy herd housed in kennels using a modified version of the NIAE separator - Winter 1974/5. NIAE Departmental Note DN-FB-606-3000, Silsoe: NIAE 12pp.
- HARDING, J., PARKE, D.
(1967) Labour and machine usage in grass drying. NIAE Departmental Note DN-8-HCD-67, Silsoe: NIAE 8pp.
- HARRAL, B. B.
(1975) An analysis of cultivation techniques. NIAE Departmental Note DN-Cu-543-1260, Silsoe: NIAE 59pp.
- HARRAL, B. B.
(1976) A comparison of primary cultivation implements up to high speeds. NIAE Departmental Note DN-Cu-732-1270, Silsoe: NIAE 18pp.
- HARRAL, B. B.
(1977) The effect of some rotary digger parameters on the power requirement. NIAE Departmental Note DN-Cu-757-1270, Silsoe: NIAE 37pp.
- HARRAL, B. B.
(1977) Preliminary studies to improve soil inversion from PTO driven implements. NIAE Departmental Note DN-Cu-762-1270, Silsoe: NIAE 10pp.
- HARRAL, B. B., COVE, C. A.
(1980) A non-contact displacement transducer for the measurement of soil surface profiles. NIAE Departmental Note DN-Cu-992-01008, Silsoe: NIAE 21pp.
- HARRAL, B. B., SZILARD, P.
(1975) An investigation into the use of ultrasonic vibration to reduce friction and adhesion between cultivation blades and soil. NIAE Departmental Note DN-Cu-544-1260, Silsoe: NIAE 12pp.
- HARRIES, G. O.
(1971) An electro-hydraulic servo for investigating methods of controlling the working depth of a tractor mounted implement. NIAE Departmental Note DN-CI-084-1410, Silsoe: NIAE 10pp Figs.
- HARRIES, G. O.
(1971) An electronic aid for labelling and routing graded fruit. NIAE Departmental Note DN-CI-105-1805, Silsoe: NIAE 5pp Figs.
- HARRIES, G. O.
(1971) A photo-electric control circuit for a self-balancing weigher, for use in an experimental drying installation. NIAE Departmental Notes DN-CI-006-1720, Silsoe: NIAE 6pp Plates
- HARRIES, G. O.
(1973) A radioisotope technique for locating seeds beneath a soil cover. NIAE Departmental Note DN/C/356/1607, Silsoe: NIAE 16pp, Figs.
- HARRIES, G. O.
(1973) An opto-electronic apparatus for furrow following. NIAE Departmental Note DN-C-327-1005, Silsoe: NIAE 17pp, Figs.
- HARRIES, G. O.
(1974) Apparatus for automatic guidance of a tractor using an opto-electronic furrow follower. NIAE Departmental Note DN-C-498-1005, Silsoe: NIAE 11pp, Figs.

- HARRIES, G. O.
(1976) An opto-electronic apparatus for following shallow furrows. NIAE Departmental Note DN-C-684-1005, Silsoe: NIAE 11pp.
- HARRIES, G. O., AMBLER, B.
(1976) An opto-electronic range meter for field machinery automation. NIAE Departmental Note DN-C-685-1005, Silsoe: NIAE 18pp.
- HARRIES, G. O., AMBLER, B.
(1977) A technique for controlling the headland turns of automatic tractors. NIAE Departmental Note DN-IR-824-04001, Silsoe, NIAE 11pp.
- HARRIES, G. O., AMBLER, B.
(1979) Automatic tractor guidance; A review of progress at NIAE. NIAE Departmental Note DN-IR-966-04001, Silsoe: NIAE 15pp.
- HARRIES, G. O., AMBLER, B.
(1980) Performance assessments of equipment for automatic headland turning. NIAE Departmental Note DN-IR-1012-04001, Silsoe: NIAE 10pp.
- HARRIES, G. O., HOOPER, A. W.
(1971) Photodetection and R. F. signal processing in optical ranging from soil. NIAE Departmental Note DN-CI-140-1005, Silsoe: NIAE 16pp. Figs.
- HARTSHORN, R. L.
(1980) An instrument for calculating average wind speed and direction. NIAE Departmental Note DN-I-1037-99009, Silsoe: NIAE 12pp.
- HARTSHORN, R. L., VINCENT, P. S.
(1978) A single card microprocessor circuit. NIAE Departmental Note DN-I-903-99009, Silsoe: NIAE 9pp.
- HAWKINS, J. C., FRYER, J. T.
(1970) The design of low cost structures for livestock. Part I. Loadbearing panels. NIAE Departmental Note DN-FB-1-70, Silsoe: NIAE 19pp.
- HAWKINS, J. C., FRYER, J. T.
(1970) The design of low cost structures for livestock Part II A frameless structure. NIAE Departmental Note DN-FB-18-70, Silsoe: NIAE 27pp.
- HEATH, R. J.
(1971) On site gluing - some exploratory investigations of glue joints made under adverse conditions. NIAE Departmental Note DN-FB-116-3050, Silsoe: NIAE 19pp Figs.
- HEATH, R. J.
(1972) A timber machinery platform of glue-nail construction. NIAE Departmental Note DN/FB/286/3050, Silsoe: NIAE 9pp, Figs.
- HEATH, R. J.
(1972) On site glue-nail joints - some investigations into the effects of moisture content on the strength of plywood to softwood glued joints. NIAE Departmental Note DN/FB/289/3050, Silsoe: NIAE 10pp, Figs.
- HEATH, R. J., FRYER, J. T.
(1971) The design of low cost structures for livestock. Part 3. Deterioration of first pilot structure and the erection of a second pilot structure. NIAE Departmental Note DN-FB-099-3050, Silsoe: NIAE 25pp Figs.
- HEATH, R. J., FRYER, J. T.
(1972) A high rate biological filtration tower of timber construction. NIAE Departmental Note DN/FB/287/3050, Silsoe: NIAE, 4pp, Figs.
- HEBBLETHWAITE, P.
(1954) Statistical analysis of data in test technique studies. NIAE Departmental Note DN-26, Silsoe; NIAE 7pp.
- HEBBLETHWAITE, P.
(1955) A set of results comparing the coverage obtained with three different automatic fruit spraying machines. NIAE Departmental Note DN-49, Silsoe: NIAE 4pp.
- HEBBLETHWAITE, P.
(1955) Preliminary observations on methods of test for dry food mixers and the results of a trial comparing a half-ton mixer with shovel mixing. NIAE Departmental Note DN-55, Silsoe: NIAE 5pp.
- HEBBLETHWAITE, P.
(1958) On-the-farm trials of the standard of mixing achieved by vertical food mixers (CEA/NIAE). NIAE Departmental Note DN-94-ATD, Silsoe: NIAE 7pp.
- HEPHERD, R. Q.
(1955) Note on the silage baled during the test of Massey-Harris 701 baler in 1955. NIAE Departmental Note DN-59, Silsoe: NIAE 4pp.
- HEPHERD, R. Q., BAKER, R. D.
(1970) The treatment of cattle slurry by means of the oxidation ditch system at The Grassland Research Institute. Part I. Preliminary trials. Departmental Note (DN/FB/038/3000), National Institute of Agricultural Engineering, Silsoe. 23pp
- HEPHERD, R. Q., GARDNER, D. W., HOWE, D. V.
(1971) Solid/liquid separation by electrolytic flotation as a means of improving effluent quality. Departmental Note (DN/FB/154/3000), National Institute of Agricultural Engineering, Silsoe. 12pp
- HEPHERD, R. Q., HANLEY, M., RANDALL, M. J.
(1972) The removal of fibre from farm slurries

and the dewatering of four de-fibreing machines and of straw-bale tanks for sludge de-watering. Departmental Note (DN/FB/169/3000), National Institute of Agricultural Engineering, Silsoe. 20pp

HEPHERD, R. Q., HAWKINS, J. C.

(1972) Coarse bubble aeration of slurries: Part I - Preliminary experiments. NIAE Departmental Note DN/FB/171/3000, Silsoe: NIAE figs. 15pp

HEPHERD, R. Q., LIGHTFOOT, A. L., ARMSBY, A. W.

(1980) Second report on the waste treatment system in the integrated piggery at Terrington EHF - February 1979 to January 1980. NIAE Departmental Note DN-L-1007-10001, Silsoe: NIAE 8pp.

HEPHERD, R. Q., LIGHTFOOT, A. L., ARMSBY, A. W., PEPPERELL, D.

(1980) First progress report on the ADAS/NIAE integrated piggery experiment at Terrington EHF - January to September 1979. NIAE Departmental Note DN-L-1006-10001, Silsoe: NIAE 26pp.

HERBERT, M. J. D., RANDALL, M. J.

(1972) An automatic floor feeding system for pigs: Part II. Further developments of a pneumatic conveying system and a dispenser. NIAE Departmental Note DN/FB/293/3010, Silsoe NIAE 33pp, Figs.

HERBERT, M. J. D., RANDALL, M. J.

(1974) An automatic trough feeding system for pigs: Part I. An apparatus to determine the rheological properties of meal and water mixes, and the preliminary work on feed dispenser design. NIAE Departmental Note DN/FB/428/3010, Silsoe: NIAE 23pp, Figs.

HERBERT, M. J. D., RANDALL, M. J.

(1974) An automatic floor feeding system for pigs: Part III. Development of a multi-circuit pneumatic conveying system for pelleted foods and a dispenser suitable for volume production. NIAE Departmental Note DN/FB/436/3010, Silsoe: NIAE 23pp. Figs.

HEPHERD, R. Q., RANDALL, M. J., FRYER, J. T.

(1971) An automatic floor feeding system for pigs: Part 1. Development of a low volume-medium pressure pneumatic conveying system and a device for dispensing pelleted feeds by weight. NIAE Departmental Note DN-FB-111-3010, Silsoe: NIAE 18pp. Figs.

HEBBLETHWAITE, P., UNDERDOWN, P. J.

(1955) The importance of the influence of temperature on output tests of agricultural spray nozzles. NIAE Departmental Note DN-44, Silsoe: NIAE 8pp.

HILTON, D. J.

(1970) A frequency-weighted ride meter. NIAE

Departmental Note DN-MER-055-1171, Silsoe: NIAE 7pp Figs.

HILTON D. J.

(1970) Out of the furrow ploughing: report on initial investigation into self-steering tractor-plough combination from furrow wall. NIAE Departmental Note DN-MER-001-1173, Silsoe: NIAE 7pp plates

HILTON, D. J.

(1970) Out of the furrow ploughing: suggestions as to the approach to be adopted in developing inexpensive self-steering apparatus. NIAE Departmental Note DN-MER-009-1173, Silsoe: NIAE 5pp.

HILTON, D. J.

(1970) Tractor cab suspension studies: I: Performance prediction of linear suspension of single degree of freedom type. NIAE Departmental Note DN-MER-5-70, Silsoe: NIAE 32pp.

HILTON, D. J.

(1971) Some observations of the effect of speed on tractor ride when traversing NIAE bumpy test track. NIAE Departmental Note DN/ER/212/1171, Silsoe: NIAE figs.

HILTON, D. J., CHESTNEY, A. A. W.

(1971) Design and performance of overload protection devices in agricultural machinery: Part 1. Behaviour of the torque limiting friction clutch on a high density pick-up baler. NIAE Departmental Note DN-MERS-079-1172, Silsoe: NIAE 10pp Figs.

HILTON, D. J., CHESTNEY, A. A. W.

(1971) A high response rig for investigating the performance of overload protection devices. NIAE Departmental Note DN-ER-134-1172, Silsoe: NIAE 8pp. Figs.

HILTON, D. J., CHESTNEY, A. A. W.

(1972) Tractor self-steering aid for out-of-furrow ploughing: II evaluation of device for tractors with power-assisted steering. NIAE Departmental Note DN/ER/236/1173, Silsoe: NIAE 14pp, figs.

HILTON, D. J., CHESTNEY, A. A. W.

(1972) Tractor self-steering aid for out of furrow ploughing: III evaluation of device for tractors with fully hydrostatic power steering. NIAE Departmental Note DN/ER/237/1173, Silsoe: NIAE 11pp, figs.

HILTON, D. J., MORAN, P.

(1972) Tractor cab suspension studies: III Laboratory experiments on a dummy suspension cab having one degree of freedom. Departmental Note (DN/ER/215/1171), National Institute of Agricultural Engineering, Silsoe, 20pp

- HILTON, D. J., MORAN, P.
(1972) A portable low-frequency vibrator for accelerometer calibration. NIAE Departmental Note DN-ER-164-1171, Silsoe: NIAE 4pp, figs.
- HILTON, D. J., MORAN, P.
(1973) Ride vibration measurements on Ford 9000, 8000 and 7000 tractors. Departmental Note (DN/ER/335/1171), National Institute of Agricultural Engineering, Silsoe, 22pp.
- HILTON, D. J., MORAN, P.
(1974) Tractor cab suspension studies: II Track experiments on a dummy suspension cab having one degree of freedom. Departmental Note (DN/ER/208/1171), National Institute of Agricultural Engineering, Silsoe, 34pp.
- HILTON, D. J., MORAN, P.
(1974) Tractor cab suspension studies: IV Initial experiments using a mobile rig. Departmental Note (DN/ER/437/1171), National Institute of Agricultural Engineering, Silsoe, 20pp.
- HILTON, D. J. WAYMAN, J. A.
(1978) An assessment of impurity levels in sugar beet topped by a wire brush, 1978. NIAE Departmental Note DN-R-960-06001, Silsoe: NIAE 20pp.
- HILTON, D. J., WAYMAN, J. A.
(1979) Preliminary beet storage experiment for sugar beet topped by wire brush method, 1978/79. NIAE Departmental Note DN-R-961-06001, Silsoe: NIAE 9pp.
- HILTON, D. J., WHITE, D. J.
(1973) The feasibility of ploughing with tractor wheels out-of-the-furrow. NIAE Departmental Note DN-ER-281-1173, Silsoe: NIAE 27pp, Figs.
- HOLDEN, M. R.
(1966) A review of methods of incorporating herbicides and other chemicals into the soil. NIAE Departmental Note DN-211-CD, Silsoe: NIAE 12pp.
- HOLDEN, M. R., HANBURY, L. F.
(1965) Sugar beet dirt tares - a study of changes in moisture content of soil adhering to clamped roots. NIAE Departmental Note DN-195-CD, Silsoe: NIAE 10pp.
- HOLT, J. B.
(1972) Review of investigations into mechanically aided hand picking of apples and pears, achievements, remaining problems and prospects. NIAE Departmental Note DN/MH/247/1810, Silsoe: NIAE 10pp.
- HOLT, J. B. ASPINWALL, J. S.
(1975) Crop transport in a glasshouse, an experimental gantry for handling trays of forced bulbs. NIAE Departmental Note DN-MH-654-1815, Silsoe: NIAE 37pp.
- HOLT, J. B., LAWTON, P. J.
(1960) Sugar beet seed separation 1959-1960. An account of some of the experimental work carried out by the Grain Department on sugar beet seed separation. NIAE Departmental Note G.112, Silsoe: NIAE, 22pp.
- HOOPER, A. W.
(1976) A diffuse reflectance spectrophotometer for the near infrared. NIAE Departmental Note DN-C-713-1017, Silsoe: NIAE 8pp.
- HOOPER, A. W.
(1976) Evaluation of a combine harvester discharge meter. NIAE Departmental Note DN-C-673-1011, Silsoe: NIAE 8pp.
- HOOPER, A. W.
(1977) Estimation of the moisture content of grass from diffuse reflectance measurements at near- infrared wavelengths. NIAE Departmental Note DN-IR-789-04017, Silsoe: NIAE 11pp.
- HOOPER, A. W.
(1980) Diffuse infrared reflection from grass and the estimation of moisture content. NIAE Departmental Note DN-IR-988-04017, Silsoe: NIAE 15pp.
- HOOPER, A. W., AMBLER, B.
(1972) An experimental continuous weigher. NIAE Departmental Note DN-CI-137-1016, Silsoe: NIAE 21pp. Figs.
- HOOPER, A. W., AMBLER, B., HUGHES, M. T.
(1974) Optical properties of a photoelectric leaf sensor. NIAE Departmental Note DN/C/443/1607, Silsoe: NIAE 13pp, Figs.
- HOOPER, A. W., AMBLER, B., HUGHES, M. T.
(1974) Combine harvester discharge meter - 1974 field trials. NIAE Departmental Note DN-C-539-1011, Silsoe: NIAE 14pp.
- HOOPER, A. W., AMBLER, B., HUGHES, M. T.
(1975) Design and development of a combine harvester discharge meter. NIAE Departmental Note DN-C-536-1011, Silsoe: NIAE 14pp.
- HOOPER, A. W., AMBLER, B., HUGHES, M. T.
(1984) Combine harvester discharge meter 1973 field trials. NIAE Departmental Note DN-C-534-1011, Silsoe, NIAE 8pp.
- HOOPER, A. W., GARVEY, J.
(1972) A feasibility study of the possible use of 10 GHz microwaves in a combine grain loss monitor. NIAE Departmental Note DN/C/290/1010, Silsoe: NIAE 12pp.
- HOOPER, A. W., HARRIES, G. O.
(1975) Use of a microwave or gamma ray beam for combine cutter-bar height control - A

feasibility study. NIAE Departmental Note DN-C-549-1010, Silsoe: NIAE 8pp.

HOXEY, R. P.

(1973) System response of wind loading instrumentation. Departmental Note (DN/G/307/2301), National Institute of Agricultural Engineering, Silsoe, 16pp.

HOXEY, R. P.

(1976) Full-scale wind load and pressure experiments - Effects caused by the glazing bar upstand. Departmental Note (DN/G/736/2301), National Institute of Agricultural Engineering, Silsoe, 12pp.

HOXEY, R. P.

(1976) Full-scale wind pressure and load experiments - wind structure below 10 m. NIAE Departmental Note DN-G-678-2301, Silsoe: NIAE 16pp.

HOXEY, R. P.

(1978) An improved method of analysing wind load data. NIAE Departmental Note DN-G-825-04024, Silsoe, NIAE 16pp.

HOXEY, R. P., POLLARD, P. R.

(1980) Full-scale measurements of the wind loads on film plastic greenhouses:- Single span 7.3 x 28.1 m 'tunnel' greenhouse. Departmental Note (DN/G/1003/04025), National Institute of Agricultural Engineering, Silsoe, 10pp.

HOXEY, R. P., WELLS, D. A.

(1974) Full-scale wind pressure and load experiments - Single span 6.4 x 21.3 m glasshouse. Departmental Note (DN/G/515/2301), National Institute of Agricultural Engineering, Silsoe, 10pp.

HOXEY, R. P., WELLS, D. A.

(1975) Full-scale wind pressure and load experiments - Twin-span 12.2 x 12.2 m inflated roof green-house.

Departmental Note (DN/G/576/2301), National Institute of Agricultural Engineering, Silsoe, 12pp.

HOXEY, R. P., WELLS, D. A.

(1977) Full-scale wind pressure and load experiments. Departmental Note (DN/G/822/04014), National Institute of Agricultural Engineering, Silsoe, 7pp.

HOXEY, R. P., WELLS, D. A.

(1977) Full-scale wind pressure and load experiments - eight span 51.2 x 88.8 m glasshouse of 20 degree roof slope. Departmental Note (DN/G/782/2301), National Institute of Agricultural Engineering, Silsoe, 7pp.

HOXEY, R. P., WELLS, D. A.

(1977) Full-scale wind pressure and load experiments - six span 39.7 x 79.6 m glasshouse.

Departmental Note (DN/G/780/2301), National Institute of Agricultural Engineering, Silsoe, 11pp.

HOXEY, R. P., WELLS, D. A.

(1977) A method of calibrating a static pressure sensing head under natural wind conditions. Departmental Note (DN/G/826/04014), National Institute of Agricultural Engineering, Silsoe, 6pp.

HUGHES, M.

(1967) Sieve tests on dried grass wafers. NIAE Departmental Note DN-7-HCD-67, Silsoe: NIAE 11pp.

HUGHES, M.

(1967) A preliminary study of methods for the determination of moisture content of rape oil-seeds. NIAE Departmental Note DN-9-HCD-67, Silsoe: NIAE 11pp.

HUGHES, M.

(1969) A comparison of oven methods for the determination of moisture in the seed of winter rape (B. Napus). NIAE Departmental Note DN-1-HCD-69, Silsoe: NIAE 12pp.

HUGHES, M.

(1969) A comparison of extraction methods for the estimation of oil in the seed of winter rape (Brassica Napus). NIAE Departmental Note DN-2-HCD-69, Silsoe: NIAE 13pp.

HUGHES, M.

(1970) The accuracy of the anthrone method in determining total water soluble carbohydrates in herbage. NIAE Departmental Note DN-HC-013-1725, Silsoe: NIAE 8pp Plate

HUGHES, M.

(1971) Investigations into possible on-farm methods of controlling slurry treatment plants. I. Simple methods of assessing slurry dry matter content. NIAE Departmental Note DN/HC/172/3000, Silsoe: NIAE 4pp, figs.

HUGHES, M.

(1971) Investigations into possible on-farm methods of controlling slurry treatment plants. II. The accuracy in determination of chemical oxygen demand and suspended solids of slurries and effluents. NIAE Departmental Note DN/HC/173/3000, Silsoe: NIAE 10pp.

HUGHES, M.

(1978) The measurement of propionic acid in hay. NIAE Departmental Note DN-CL-829-07004, Silsoe: NIAE 11pp.

HUGHES, M., BRACE, L.

(1968) Simple qualitative tests to determine the degree of organic pollution of animal effluents. NIAE Departmental Note DN-12-HCD-68, Silsoe: NIAE 8pp.

- HUGHES, M., GALE, G. E.
(1966) Comparison of the infra-red and the Brown-Duvel oil distillation methods of moisture determination. NIAE Departmental Note DN-5-HCD-66, Silsoe: NIAE 20pp.
- HUGHES, M., SHEPPERSON, G.
(1966) Some trials with a prototype herbage and seeds moisture meter. NIAE Departmental note DN-2-HCD-66, Silsoe: NIAE 14pp.
- JESSON, M. W.
(1972) A study of the operation of two contrasting designs of suspended top unloader in forage towers. NIAE Departmental Note DN/M/361/1330, Silsoe: NIAE 53pp, Figs.
- JESSON, M. W., BOA, W.
(1972) The design of a portable farm-scale vacuum cooler. NIAE Departmental Note DN/M/295/1375, Silsoe: NIAE 18pp. Figs.
- JESSON, M. W., RANDALL, M. J.
(1971) Some observations on the particle size distribution and other factors of the meal samples used in feeding trials by Boxworth E.H.F. 1968-69. NIAE Departmental Note DN-M-075-1336, Silsoe: NIAE 15pp Figs.
- JOHNSON, S. J.
(1978) Increasing the density of conventional bales by an improved mechanical control mechanism. NIAE Departmental Note DN-FC-854-07008, Silsoe: NIAE 15pp.
- JOHNSON, S. J., LAMB, D.
(1977) Preliminary evaluation of an experimental straw densifying baler attachment. NIAE Departmental Note DN-FC-767-1390, Silsoe: NIAE 10pp.
- KAVINA, Y. B.
(1971) V-belt slip to reduce overloads: a literature survey. NIAE Departmental Note DN-ER-128-1172, Silsoe: NIAE 17pp.
- KAVINA, Y. B., HILTON, D. J.
(1974) Performance of overload slip clutches subjected to various loadings in laboratory tests. NIAE Departmental Note DN/ER/314/1172, Silsoe: NIAE 10pp, Figs.
- KEMP, I. F.
(1976) Design and operation of a pre-production strawberry harvester 1974-1975. NIAE Departmental Note DN-VSF-599-1316, Silsoe: NIAE 11pp.
- KEMP, I. F.
(1977) A complete system for harvesting strawberries. NIAE Departmental Note DN-VSF-753-1316, Silsoe: NIAE 13pp.
- KEMP, I. F., BOA, W.
(1971) Research on blackcurrant harvesting - 1970. NIAE Departmental Note DN-MD-104-1315, Silsoe: NIAE 12pp Figs.
- KEMP, I. F., BOA, W.
(1972) Design of a commercial version of the NIAE blackcurrant harvester. NIAE Departmental Note DN/MH/247/1810, Silsoe: NIAE 19pp.
- KEMP, I. F., BOA, W.
(1972) Design of a commercial version of the NIAE blackcurrant harvester. NIAE Departmental Note DN-M-246-1315, Silsoe: NIAE, 9pp.
- KEMP, I. F., BOA, W.
(1973) Trials of the Smallford Blackcurrant Harvester during its first season of commercial use. NIAE Departmental Note DN-VSF-341-1315, Silsoe: NIAE, 15pp.
- KING, F. S., BARKER, A. W.
(1973) The manufacture of laminated copper specimens for the study of strain distributions below surfaces worn by abrasion. NIAE Departmental Note DN/ER/399/1160, Silsoe: NIAE 5pp, Figs.
- KLINNER, W. E., HARRIS, A. W., ASPINWALL, J. S.
(1971) The development and evaluation of experimental equipment for mowing and simultaneous crop conditioning - Phase 1969-70. NIAE Departmental Note DN-MD-089-1355, Silsoe: NIAE 42pp Figs.
- KLINNER, W. E., WOOD, G. E.
(1972) The development and evaluation of experimental equipment for simultaneous mowing and crop conditioning - Phase 1971. NIAE Departmental Note DN/M/24/1355, Silsoe: NIAE 43pp, figs.
- KNIGHT, A. C.
(1980) Investigation of bale density with an hydraulic/mechanical control system. NIAE Departmental Note DN-FM-993-07008, Silsoe: NIAE 12pp.
- KOSKUBA, K.
(1966) Treatment of experimental drying curve data. NIAE Departmental Note DN-1-HCD-1966, Silsoe: NIAE 9pp.
- LAKE, J. R.
(1971) Report on a method of measuring spray drops. NIAE Departmental Note DN/S/178/1905, Silsoe: NIAE 2pp, figs.
- LAKE, J. R.
(1975) The retention of drops impacting at terminal velocity on barley and wild oat leaves. NIAE Departmental Note DN-S-625-1915, Silsoe: NIAE 15pp.
- LAKE, J. R., SHARP, R. B.
(1984) Preliminary investigations into the

application of desiccants to forage crops. NIAE Departmental Note DN-S-550-1920, Silsoe: NIAE 4pp.

LAKE, J. R., TAYLOR, W. A.
(1971) Spray placement - results of NIAE/WRO experiments, 1970/71. NIAE Departmental Note DN/S/160/1905, Silsoe: NIAE 14pp, figs.

LAWRENCE, D. C.
(1971) An investigation into the accuracy of matching spray swaths in the field. NIAE Departmental Note DN/S/161/1905, Silsoe: NIAE 6pp.

LAWRENCE, D. C.
(1978) The operation of crop sprayers on large farms. NIAE Departmental Note DN-S-820-09005, Silsoe, NIAE 7pp.

LAWRENCE, D. C., LOCKWOOD, A.
(1977) The development and application of foams used in swath marking equipment. NIAE Departmental Note DN-S-821-09005, Silsoe: NIAE 5pp.

LAWRENCE, C. D., NATION, H. J.
(1969) A pilot survey of the effect of wear on sprayer nozzle performance. NIAE Departmental Note DN-S-20-69, Silsoe: NIAE 49pp.

LAWTON, P. J.
(1978) The coefficients of friction of silo wall materials. NIAE Departmental Note DN-CS-769-10007, Silsoe: NIAE 20pp.

LAWTON, P. J., DAVIS, P. R.
(1977) A feasibility study of the determination of the flow characteristics of water: meal mixes by a viscometric method. NIAE Departmental Note DN-FB-748-3010, Silsoe: NIAE 29pp.

LAWTON, P. J., GALE, G. E.
(1970) Investigations into the feasibility of semi-automatic quality inspection of static arrays of produce. NIAE Departmental Note DN-MH-060-1805, Silsoe: NIAE 21pp Figs.

LAWTON, P. J., GALE, G. E.
(1973) The use of a control lever as an operator-machine interface on a grading machine. NIAE Departmental Note DN/MH/284/1805, Silsoe: NIAE 6pp, Figs.

LAWTON, P. J., HOLT, J. B.
(1975) Trial of an experimental semi-automatic apple grader in a packhouse 1973-74 and 1974-75. NIAE Departmental Note DN/MH/480/1805, Silsoe: NIAE 23pp.

LAWTON, P. J., MARCHANT, J. A.
(1979) Some mechanical properties of wheat, barley, oats and beans at different moisture

contents. NIAE Departmental Note DN-CS-861-10007, Silsoe: NIAE 19pp.

LINDSAY, R. T.
(1970) An unloader for horizontal silos. NIAE Departmental Note DN-FB-018-3030, Silsoe: NIAE 18pp Plates.

LINDSAY, R. T.
(1970) The use of woven polypropylene material for conveyor belts. NIAE Departmental Note DN-FB-041-3030, Silsoe: NIAE 11pp plates.

LINDSAY, R. T.
(1970) An unloader for horizontal silos a mobile test rig 1969-70. NIAE Departmental Note DN-FB-050-3030, Silsoe: NIAE 29pp Figs.

LINDSAY, R. T.
(1970) An unloader for horizontal silos. The complete installation. NIAE Departmental Note DN-FB-051-3030, Silsoe: NIAE 24pp Figs.

LINDSAY, R. T.
(1971) Preliminary investigations into filling deep bunker silos. The adaption of an unloading mechanism. NIAE Departmental Note DN-FB-073-3030, Silsoe: NIAE 11pp Plates.

LINDSAY, R. T., DUNN, J. S., MAUGHAN, G. L.
(1962) The development of sinner-type weeder blades 1960-1961. NIAE Departmental Note DN-147-CD, Silsoe: NIAE 5pp.

LINDSAY, R. T., MAUGHAN, G. L.
(1960) The use of a fin as an aid to steering rear-mounted tractor hoes. NIAE Departmental Note DN-118-ATD, Silsoe: NIAE 3pp.

LINDSAY, R. T., MAUGHAN, G. L.
(1960) The use of a fin as an aid to steering rear-mounted tractor hoes. NIAE Departmental Note DN-127-ATD, Silsoe: NIAE 4pp.

LINDSAY, R. T., MAUGHAN, G. L.
(1961) Seed selectivity in a belt feed type of spacing drill. NIAE Departmental Note DN-140-ATD, Silsoe: NIAE 7pp.

LINDSAY, R. T., MAUGHAN, G. L.
(1963) The use of a spacing drill to meter a granular insecticide. NIAE Departmental Note DN-154-CD, Silsoe: NIAE 7pp.

LINDSAY, R. T., MAUGHAN, G. L.
(1963) Spraying: Band application of a systemic insecticide to sugar beet, 1962. NIAE Departmental Note DN-157-CD, Silsoe: NIAE 2pp.

LINDSAY, R. T., MAUGHAN, G. L.
(1963) The application of granular insecticides to growing sugar beet, 1961. NIAE Departmental Note DN-165-CD, Silsoe: NIAE 7pp.

- LINDSAY, R. T., MAUGHAN, G. L.
(1963) Root crop cleaner loaders: A study of the efficiency of two types of cleaning machines. NIAE Departmental Note DN-161-CD, Silsoe: NIAE, 6pp.
- LINDSAY, R. T., MAUGHAN, G. L.
(1964) The effect of coulters close to young sugar beet plants - 1962. NIAE Departmental Note DN-167-CD, Silsoe: NIAE 11pp.
- LINDSAY, R. T., MAUGHAN, G. L.
(1964) The development of sinner type weeder blades, 1963. NIAE Departmental Note DN-169-CD, Silsoe: NIAE 7pp.
- LINDSAY, R. T., MAUGHAN, G. L.
(1964) The effect of coulters close to young sugar beet plants - 1963. NIAE Departmental Note DN-170-CD, Silsoe: NIAE 11pp.
- LINDSAY, R. T., MAUGHAN, G. L.
(1964) Spraying: Band application of a systemic insecticide to sugar beet, 1963. NIAE Departmental Note DN-171-CD, Silsoe: NIAE 3pp.
- LINDSAY, R. T., MAUGHAN, G. L.
(1964) Root crop cleaner/loaders: A study of the efficiency of a barrel-type of cleaning mechanism. NIAE Departmental Note DN-174-CD, Silsoe: NIAE 5pp.
- LINDSAY, R. T., MAUGHAN, G. L.
(1965) The assessment of damage suffered by sugar beet in the harvesting processes - 1963/64. NIAE Departmental Note DN-182-CD, Silsoe: NIAE 4pp.
- LINDSAY, R. T., MAUGHAN, G. L.
(1965) The development of sinner-type weeder blades, 1964. NIAE Departmental Note DN-183-CD, Silsoe; NIAE 3pp.
- LINDSAY, R. T., MAUGHAN, G. L.
(1965) Root crop cleaner loaders: A study of the efficiency of a rubbing chain type of cleaning mechanism. NIAE Departmental Note DN-187-CD, Silsoe: NIAE 4pp.
- LINDSAY, R. T., MAUGHAN, G. L.
(1965) The effect of coulters close to young sugar beet plants, 1964. NIAE Departmental Note DN-190-CD, Silsoe: NIAE 7pp.
- LINDSAY, R. T., MAUGHAN, G. L.
(1966) Flame weeding - the technique applied to the sugar beet crop. NIAE Departmental Note DN-201-CD, Silsoe: NIAE 16pp.
- LINDSAY, R. T., MAUGHAN, G. L.
(1966) Flame weeding: A study of the effect of wilting sugar beet tops prior to harvesting the roots. NIAE Departmental Note DN-203-CD, Silsoe: NIAE 6pp.
- LINDSAY, R. T., MAUGHAN, G. L.
(1966) Flame weeding in the potato crop. NIAE Departmental Note DN-208-CD, Silsoe: NIAE 16pp.
- LINDSAY, R. T., NEALE, M. A.
(1973) Buildings and equipment for vegetable storage Part II: the performance of an ice bank cooling system. NIAE Departmental Note DN/FB/187/3040, Silsoe: NIAE 23pp, figs.
- LINDSAY, R. T., NEALE, M. A.
(1978) Ventilation rates for the positive cooling of vegetables. NIAE Departmental Note DN-CS-690-10005, Silsoe: NIAE 35pp.
- LINDSAY, R. T., NEALE, M. A., FARRIMOND, A.
(1974) Building and equipment for vegetable storage. Part III: the efficiency of an ice bank cooling system. NIAE Departmental Note DN/FB/351/3040, Silsoe: NIAE 21pp, Figs.
- LINDSAY, R. T., NEALE, M. A., FRYER, J. T.
(1972) Filling a deep bunker silo. NIAE Departmental Note DN/FB/193/3030, Silsoe: NIAE 22p, figs.
- LINDSAY, R. T., NEALE, M. A., WESTGATE, G. R.
(1973) Unloading and filling a deep bunker silo 1972. NIAE Departmental Note DN/FB/350/3030, Silsoe: NIAE 17pp Figs.
- LINDSAY, R. T., NEALE, M. A., WESTGATE, G. R.
(1974) Cooling simulated vegetables in large pallet based boxes. NIAE Departmental Note DN/FB/422/3040, Silsoe: NIAE 12pp, Figs.
- LINDSAY, R. T., NEALE, M. A., WESTGATE, G. R.
(1974) Air cooling vegetables in small and large containers. NIAE Departmental Note DN/FB/423/3040, Silsoe: NIAE 16pp, Figs.
- LINDSAY, R. T., NEALE, M. A., WESTGATE, G. R.
(1980) The storage of root stocks in an ice bank cooler with positive ventilation. Departmental Note (DN-L-692-10005), National Institute of Agricultural Engineering, Silsoe, 12pp.
- LINDSAY, R. T., PRESTON, R., NEALE, M. A.
(1975) A cooling tower for an ice bank air conditioning system for vegetable stores. NIAE Departmental Note DN-FB-634-3040, Silsoe: NIAE 14pp.
- MACK, A. J.
(1973) An electronic control circuit for sequential control of solenoid valves for pressure sampling in wind load experiments. Departmental

Note (DN/G/336/2301), National Institute of Agricultural Engineering, Silsoe, 13pp.

MACK, A. J., MOULSLEY, L. J.
(1970) A timer unit, Departmental Note (DN-FB-032-3020), National Institute of Agricultural Engineering Research, Silsoe, 13pp.

MACK, A. J., WINSPEAR, K. W.
(1969) A water level controller used in tests on a condensate controlled calorifier. NIAE Departmental Note DN-G-23-69, Silsoe: NIAE 4pp.

MANBY, T. C. D.
(1970) Energy absorbed by protective frames for drivers when tractors overturn rearward. NIAE Departmental Note DN-TMPD-25-70, Silsoe: NIAE 57pp.

MANBY, T. C. D., BROWN, F. R., BOA, W.
(1971) Review of engineering research and development proposals for vegetable harvesting and market preparation. NIAE Departmental Note DN/M/167/1305/2, Silsoe: NIAE 22pp, tables.

MARCHANT, J. A.
(1975) An improved method of calculating turbulent airflows in porous agricultural materials. NIAE Departmental Note DN-M-603-1380, Silsoe: NIAE 16pp.

MARCHANT, J. A.
(1976) Numerical solution of the diffusion equation in a sphere with a concentration dependent diffusivity. NIAE Departmental Note DN-DS-718-1380, Silsoe: NIAE 7pp.

MARCHANT, J. A.
(1977) Some techniques for the triaxial test on cereal grains. NIAE Departmental Note DB-CS-785-10007, Silsoe: NIAE 13pp.

MARCHANT, J. A.
(1979) The development of equipment to measure the pressures of agricultural materials on retaining walls. NIAE Departmental Note DN-St-946-10007, Silsoe: NIAE 20pp.

MARCHANT, J. A., LAWTON, P. J.
(1978) The development of an apparatus for the direct shear testing of cereal grains. NIAE Departmental Note DN-CS-852-10007, Silsoe: NIAE 9pp.

MARCHANT, J. A., WESTGATE, G. R.
(1981) Measurements of the static pressures of wheat on a retaining wall. NIAE Departmental Note DN-St-995-10007, Silsoe: NIAE 25pp.

MARCHANT, W. T. B.
(1967) Report on a demonstration of the Dorstener grass wafering presses at the works of the Dostener Eisengiesserei Und Maschinenfabrik, A.G. Dosten, W. Germany 17th March 1967.

NIAE Departmental Note DN-2-HCD-67, Silsoe: NIAE 12pp.

MARCHANT, W. T. B.
(1970) The design of an experimental rotary extrusion press for packaging dried forages. NIAE Departmental Note DN-HCD-047-1715, Silsoe: NIAE 12pp Figs.

MARCHANT, W. T. B.
(1975) The high density packaging of dehydrated forages. Experimental method, results and discussion. NIAE Departmental Note DN-FC-579-1715, Silsoe: NIAE 28pp.

MARCHANT, W. T. B.
(1977) Laboratory trials with dried lucerne using an experimental ring die press. NIAE Departmental Note DN-FC-755-07002, Silsoe: NIAE 29pp.

MARCHANT, W. T. B.
(1975) The high density packaging of dehydrated forage crops. Development and commissioning of the experimental apparatus. NIAE Departmental Note DN-FC-484-1715, Silsoe: NIAE 8pp, Figs.

MARCHANT, W. T. B., SHEPPERSON, G.
(1968) An experimental airblast cutterbar for the removal of crop surface moisture at harvest. NIAE Departmental Note DN-11-HCD-68, Silsoe: NIAE 11pp.

MARSH, L. F.
(1972) Scan control and interface unit for connecting to a Solartron Compact 2 data logger. NIAE Departmental Note DN/CI/174/1001, Silsoe: NIAE 5pp, figs.

MARSH, L. F.
(1979) ARC Data Logging Register, 1979. NIAE Departmental Note DN-I-942-99007, Silsoe: NIAE 79pp.

MARSH, L. F., VINCENT, P. S.
(1976) A control and interface unit for recording data from a Bruel and Kjaer noise level recorder. NIAE Departmental Note DN-IS-630-1002, Silsoe: NIAE 7pp.

MATTHEWS, J.
(1970) Notes on the proposal for inclusion of exhaust smoke measurements and power corrections in tractor tests. NIAE Departmental Note DN-TE-30-70, Silsoe: NIAE 13pp.

MATTHEWS, S. J., NELLIST, M. E.
(1974) Processing data tapes from the Bancroft mini data logger, 1974. NIAE Departmental Note DN-DS-553-1380, Silsoe: NIAE 21pp.

MAUGHAN, G. L.
(1953) Down-the-row thinning experiment,

1952. NIAE Departmental Note DN-53-12, Silsoe: NIAE 15pp.

MAUGHAN, G. L., CHITTEY, E. T.
(1954) Down-the-row thinning experiment, sugar beet, 1953, Gayton Thorpe, Norfolk. NIAE Departmental Note DN-29, Silsoe: NIAE 10pp.

MAUGHAN, G. L., DUNN, J. S.
(1953) Preliminary investigation into the harvesting of fodder beet, Wrest Park, 1951. NIAE Departmental Note DN-53-19, Silsoe: NIAE 3pp.

MCALLISTER, M.
(1978) Evaluation of the suitability of two light-weight high mobility vehicles for low volume crop spraying. NIAE Departmental Note Dn-T-925-55008, Silsoe: NIAE 18pp.

MCALLISTER, M., GEE-CLOUGH, D., EVERNDEN, D. W.
(1976) The effect of aspect ratio on the tractive performance of tractor driving wheel tyres. NIAE Departmental Note DN-T-708-1415, Silsoe: NIAE 20pp.

MCALLISTER, M., GEE-CLOUGH, D., EVERNDEN, D. W.
(1979) Preliminary results from an investigation into forces on towed angled wheels. NIAE Departmental Note DN-T-916-01002, Silsoe: NIAE 15pp.

MCALLISTER, M., GEE-CLOUGH, D., EVERNDEN, D. W.
(1979) Preliminary results obtained from an investigation into the rolling resistance of towed wheels. NIAE Departmental Note DN-T-917-01002, Silsoe: NIAE 30pp.

MCCANN, M.
(1972) A testing device for teletype 110 CHS/SEC paper tape punches. NIAE Departmental Note DN/IS/250/1002, Silsoe: NIAE 6pp, figs.

MCCREADY, M. D., STAYNER, R. M.
(1976) Theoretical prediction of tractor ride vibrations, II Natural frequencies and mode shapes. NIAE Departmental Note DN-E-513-1445, Silsoe: NIAE 29pp. Figs.

MCLEAN, K. A., MAUGHAN, G. L.
(1965) Preliminary investigation into the use of herbicides for thinning sugar beet. NIAE Departmental Note DN-193-CD, Silsoe: NIAE 4pp.

MCLEAN, K. A., MAUGHAN, G. L.
(1966) Chemical thinning of sugar beet a comparison of chemical thinning with hand singling and machine thinning 1965. NIAE Departmental Note DN-198-CD, Silsoe: NIAE 16pp.

MCLEAN, K. A., RUSSELL, A.
(1971) Electro-chemical thinning of sugar beet: a comparison with hand singling and mechanical thinning 1969. NIAE Departmental Note DN-R-096-1607, Silsoe: NIAE 14pp Figs.

MCLEAN, K. A., RUSSELL, A.
(1972) Electro-chemical thinning of sugar beet: a trial with a 5-row machine. NIAE Departmental Note DN/R/196/1607, Silsoe: NIAE 13pp, figs.

MCLEES, V. A.
(1978) The effect of cryogenic treatment of steels on their wear by abrasion. NIAE Departmental Note DN-ER-904-05001, Silsoe: NIAE 3pp.

MCLEES, V. A., KING, F. S., MOORE, M. A.
(1976) The effect of the wear of hardfaced steel plates and chisel plough points of weld bead pattern and soil type. NIAE Departmental Note DN-ER-716-1160, Silsoe: NIAE 15pp.

MCLEES, V. A., MOORE, M. A.
(1976) A preliminary investigation into the effect of surface treatments in reducing metal-soil-metal abrasive wear of elevator links. NIAE Departmental Note DN-ER-717-1160-44, Silsoe: NIAE 7pp.

MCLEES, V. A., MOORE, M. A.
(1976) The effect on the wear of steel plates of surface patterns which disrupt soil flow. NIAE Departmental Note DN-ER-695-1160-44, Silsoe: NIAE 8pp.

MCLEES, V. A., MOORE, M. A.
(1979) The wear of commercially available cast irons, worn on a laboratory abrasion tester. NIAE Departmental Note DN-MDR-954-05001, Silsoe: NIAE 22pp.

MESSER, H. J. M., CHAPLIN, R. V.
(1974) The design of a bunker silo with movable walls 1973. NIAE Departmental Note DN/FB/463/3030, Silsoe: NIAE 17pp, Figs.

MESSER, H. J. M., CHAPLIN, R. V.
(1975) The design of a bunker silo with flexible walls Part I - Grass 1974. NIAE Departmental Note DB/FB/566/3030, Silsoe: NIAE 16pp.

MESSER, H. J. M., CHAPLIN, R. V.
(1975) The design of a flexible walled silo - Part II. Maize 1974. NIAE Departmental Note DN-FB-597-3030, Silsoe: NIAE 18pp.

MESSER, H. J., CHAPLIN, R. V., HEATH, R. J.
(1972) The design of a bunker silo with moveable walls. NIAE Departmental Note DN/FB/180/3030, Silsoe: NIAE 21pp, figs.

- MESSER, H. J. M., HAWKINS, J. C.
(1978) Future R & D on buildings for dairy herds. NIAE Departmental Note DN-CS-905-10008, Silsoe: NIAE 9pp.
- MESSER, H. J. M., LINDSAY, R. T., CHAPLIN, R. V.
(1975) The flexible walled silo at Rosemaund E.H.F. 1973 and 1974. NIAE Departmental Note DN/FB/424/3030, Silsoe: NIAE 9pp, Figs.
- MESSER, H. J. M., LINDSAY, R. T., NEALE, M. A.
(1971) Storage of potatoes used for processing: temperature and humidities in a pallet box store - 1967-69. NIAE Departmental Note DN-FE-091-3070, Silsoe: NIAE 21pp Figs.
- MESSER, H. J. M., LINDSAY, R. T., NEALE, M. A.
(1976) The design of a flexible walled bunker silo Rosamaund EHF - 1975. NIAE Departmental Note DN-FB-676-3030, Silsoe: NIAE 16pp.
- MESSER, H. J. M., WESTGATE, G. R.
(1973) Unloading and filling a deep bunker silo - 1973. NIAE Departmental Note DN/FB/393/3030, Silsoe: NIAE 17pp.
- MILLER, P. C. H.
(1973) A review of investigations concerned with the machine thinning of rowcrops. NIAE Departmental Note DN/R/394/1609, Silsoe: NIAE 22pp, Figs.
- MILLER, P. C. H.
(1975) Selective thinning: An investigation of the operating characteristics of an intermittent mechanical system for plant removal. NIAE Departmental Note DN-R-608-1609, Silsoe: NIAE 16pp.
- MILLER, P. C. H.
(1979) The forces on and the movement of roots during mechanical harvesting - preliminary investigations. NIAE Departmental Note DN-R-933-06009, Silsoe: NIAE 16pp.
- MILLER, P. C. H.
(1979) An examination of the performance characteristics of a contact resistance type of seedling detector. NIAE Departmental Note DN-R-944-06009, Silsoe: NIAE 13pp.
- MILLER, P. C. H., CHITTEY, E. T., JOYCE, F. W.
(1977) The forces required to pull sugar beet roots from the soil. NIAE Departmental Note DN-R-761-06009, Silsoe: NIAE 13pp.
- MILLER, P. C. H., JOYCE, F. W.
(1979) Sugar beet lifting mechanics - The design and development of a field rig. Silsoe: NIAE 13pp.
- MILLER, P. C. H., MATTHEWS, P. A.
(1974) A computer simulation of selective thinning machines. NIAE Departmental Note DN-R-506-1609, Silsoe: NIAE 7pp. Tables.
- MILLER, P. C. H., RUSSELL, A.
(1972) Selective thinning - the design features of some proprietary machines. NIAE Departmental Note DN/R/252/1607, Silsoe: NIAE 6pp, figs.
- MILLER, P. C. H., RUSSELL, A.
(1974) Selective thinning: an investigation of the response characteristics of a continuous mechanical system for plant removal. NIAE Departmental Note DN/R/352/1609, Silsoe: NIAE 16pp, Figs.
- MILLER, P. C. H., RUSSELL, A.
(1974) A preliminary examination of the performance characteristics of a contact resistance type plant detector. NIAE Departmental Note DN-R-505-1609, Silsoe NIAE 5pp. Tables.
- MILLER, P. C. H., WRIGHT, D. I.
(1979) The measurement of the acceleration of sugar beet roots during mechanical harvesting. NIAE Departmental Note DN-R-969-06009, Silsoe: NIAE 11pp.
- MOORE, M. A.
(1971) Programme of field tests on the abrasive wear of hardfaced cutting tools by soil. NIAE Departmental Note DN-ER-143-1160, Silsoe: NIAE 14pp. Fig.
- MOORE, M. A.
(1973) A review of abrasive wear. NIAE Departmental Note DN/ER/282/1160, Silsoe: NIAE 14pp, Figs.
- MOORE, M. A.
(1973) The abrasive wear resistance of hardfacing deposits in stony field soils and on laboratory flint abrasives. NIAE Departmental Note DN-ER-427-1160, Silsoe: NIAE 31pp, Figs.
- MOORE, M. A.
(1975) The effect of knife and cutting parameters on the cutting force and fracture in sugar beet topping. NIAE Departmental Note DN-ER-612-1160, Silsoe: NIAE 25pp.
- MOORE, M. A., MCLEES, V. A.
(1975) The effect of speed on the wear of four hardfacing deposits. NIAE Departmental Note DN-ER-584-1160, Silsoe: NIAE 9pp.
- MOORE, M. A., MCLEES, V. A.
(1975) The effect of weld bead pattern and spacing on the wear resistance of hardfaced steel plates in a flinty soil. NIAE Departmental Note DN-ER-602-1160, Silsoe: NIAE 8pp.

- MORAN, P.
(1975) Tractor cab suspension studies: VI variation of vertical ride vibration with longitudinal position on tractors. NIAE Departmental Note DN-ER-541-1171, Silsoe: NIAE 11pp.
- MORAN, P.
(1975) Prediction of the effect of vehicle roll on the performance of a single degree of freedom cab suspension. NIAE Departmental Note DN-ER-540-1171, Silsoe: NIAE 10pp.
- MORAN, P.
(1978) Wind loads on farm buildings: (1) Selection and location of closed single-span buildings for study. Departmental Note (DN/G/877/04024), National Institute of Agricultural Engineering, Silsoe, 9.
- MORAN, P.
(1980) Wind loads on farm buildings: (4) Full-scale measurements on a 18.5 m long, single 7.3 m span ridged roof building of 1.8 m eaves height and 13 degree roof pitch. NIAE Departmental Note DN-St-1015-04024, Silsoe: NIAE 8pp.
- MORAN, P., HILTON, D. J.
(1975) Tractor cab suspension studies. V, experiments using mobile rigs with suspended cabs having both vertical and lateral freedom. NIAE Departmental Note DN-ER-441-1171, Silsoe: NIAE 4pp, Figs.
- MORAN, P., HOXEY, R. P.
(1977) A static pressure probe for sensing wind loads. NIAE Departmental Note DN-G-827-04024, Silsoe: NIAE 8pp.
- MORAN, P., HOXEY, R. P.
(1980) Wind loads on farm buildings: (3) Full-scale measurements on a 27.8 m long single 21.5 m span ridged roof building of 4.34 m eaves height and 15 degree roof pitch. NIAE Departmental Note DN-G-999-04024, Silsoe; NIAE 9pp.
- MORAN, P., MANBY, T. C. D.
(1976) Materials handling in agriculture: Trafficability of vehicles and demountable container systems. NIAE Departmental Note DN-ER-705-1300, Silsoe: NIAE 51pp.
- MORAN, P., POLLARD, P. R.
(1979) Wind loads on farm buildings: (2) Instrumentation for full scale measurements on agricultural and horticultural buildings. NIAE Departmental Note DN-G-932-04024, Silsoe: NIAE 11pp.
- MOULSLEY, L. J.
(1969) Surface tension measurements on aqueous solutions of some commercially available wetting agents, Departmental Note (DN-FBD-7-1969), National Institute of Agricultural Engineering Research, Silsoe, 5pp.
- MOULSLEY, L. J.
(1969) The design of an improved measuring head for relative humidity and tests of an associated recorder, Departmental Note (DN-20-FBD), National Institute of Agricultural Engineering, Silsoe, 10pp.
- MOULSLEY, L. J.
(1970) Viscosities of solutions of hyamine 2389. NIAE Departmental Note DN-FB-021-3020, Silsoe: NIAE 8pp Plates
- MOULSLEY, L. J.
(1970) A thermocouple reference junction unit. Divisional Note (DN-FB-003-3020), National Institute of Agricultural Engineering, Silsoe, 24pp.
- MOULSLEY, L. J.
(1970) Air temperature transients in a simulation of cross-section of a piggery. Divisional Note (DN-FB-004-3020), 22pp.
- MOULSLEY, L. J.
(1970) A lamp unit for use in the visualisation of air movement in farm buildings. NIAE Departmental Note DN FB 036 3020, Silsoe: NIAE 14pp Plates.
- MOULSLEY, L. J.
(1971) A rotating camera shutter for the photography of moving particles. NIAE Departmental Note DN-FB-094-3020, Silsoe: NIAE 8pp Figs.
- MOULSLEY, L. J.
(1972) A hand-held bubble generator. NIAE Departmental Note DN/FB/203/3020, Silsoe: NIAE figs. 4pp
- MOULSLEY, L. J.
(1972) Mechanical on/off switching of a propeller fan. NIAE Departmental Note DN/FB/213/3020, Silsoe: NIAE 4pp,
- MOULSLEY, L. J., BOOTHROYD, D. N.
(1971) The calibration of rotameters. NIAE Departmental Note DN-FB-115-3020, Silsoe: NIAE 8pp. Figs.
- MOULSLEY, L. J., FRYER, J. T.
(1974) A wet-bulb/dry-bulb resistance thermometer hygrometer, Part I - development. NIAE Departmental Note DN/FB/479/3020, Silsoe: NIAE 25pp, Figs.
- MOULSLEY, L. J., FRYER, J. T.
(1978) Preliminary measurements of the distribution of temperature in a broiler house. NIAE Departmental Note DN-En-872-10003, Silsoe: NIAE 30pp.
- MOULSLEY, L. J., FRYER, J. T.
(1978) Relating the distribution of the weights of broiler chicken to the distribution of

- temperature over the floor of a broiler house. NIAE Departmental Note DN-En-924-10003, Silsoe: NIAE 10pp.
- MOULSLEY, L. J., FRYER, J. T.
(1978) Some aspects of the use of radiant heaters in broiler production. NIAE Departmental Note DN-En-927-10003, Silsoe: NIAE 20pp.
- MOULSLEY, L. J., FRYER, J. T.
(1979) Air recirculation in a broiler house using large propeller fans. NIAE Departmental Note DN-En-928-10003, Silsoe: NIAE 20pp.
- MOULSLEY, L. J., FRYER, J. T.
(1979) Air recirculation units in a broiler house. NIAE Departmental Note DN-En-929-10003, Silsoe: NIAE 15pp.
- MOULSLEY, L. J., FRYER, J. T.
(1980) Measurements of wind shear in the vicinity of an experimental livestock building. NIAE Departmental Note DN-En-873-10003, Silsoe: NIAE 13pp.
- MOULSLEY, L. J., FRYER, J. T., PIKE, K. S.
(1974) An appraisal of a resistance thermometer transmitter. NIAE Departmental Note DN/FB/495/3020, Silsoe: NIAE 5pp, Figs.
- MOULSLEY, L. J., FRYER, J. T., PIKE, K. S.
(1974) A linearizer for heated thermocouple anemometers, Departmental Note (DN-FB-453-3020), National Institute of Agricultural Engineering Research, Silsoe, 24pp.
- MOULSLEY, L. J., FRYER, J. T., PIKE, K. S.
(1974) Infiltration of a model of a livestock building by wind. Part I. Non-powered ventilation, Departmental Note (DN-FB-482-3020), 22pp.
- MOULSLEY, L. J., FRYER, J. T., PIKE, K. S.
(1974) Infiltration of a model of a livestock building by wind, Part II - powered ventilation. NIAE Departmental Note DN/FB/494/3020, Silsoe: NIAE 5pp, Figs.
- MOULSLEY, L. J., FRYER, J. T., PIKE, K. S.
(1974) Infiltration of a model of a livestock building by wind. Part III Powered ventilation, Departmental Note (DN-FB-494-3020), National Institute of Agricultural Engineering Research, Silsoe, 21pp.
- MOULSLEY, L. J., FRYER, J. T., PIKE, K. S.
(1975) Infiltration of a building by wind 1974, Departmental Note (DN-FB-609-3020), National Institute of Agricultural Engineering Research, Silsoe, 14pp.
- MOULSLEY, L. J., FRYER, J. T., PIKE, K. S.
(1976) Temperature and humidity measurements in a broiler house. NIAE Departmental Note DN-FB-715-3020, Silsoe: NIAE 25pp.
- MOULSLEY, L. J., FRYER, J. T., PIKE, K. S.
(1976) A wet-bulb/dry-bulb resistance thermometer hygrometer Part II - Field trials. NIAE Departmental Note DN-FB-720-3020, Silsoe: NIAE 7pp.
- MOULSLEY, L. J., FRYER, J. T., PIKE, K. S.
(1976) An improved wind direction indicator. NIAE Departmental Note DN-FB-662-3020, Silsoe: NIAE 10pp.
- MOULSLEY, L. J., HIGGS, D. M. J.
(1972) An apparatus for computing relative humidity. NIAE Departmental Note DN/FB/221/3020, Silsoe: NIAE 9pp, figs.
- MOULSLEY, L., HUGHES, M., FRYER, J. T.
(1977) Measurement of the ammonia content of broiler house litter. NIAE Departmental Note DN-En-840-10003, Silsoe: NIAE 7pp.
- MOULSLEY, L. J., OWEN, J. E., BOOTHROYD, D.N.
(1970) A device for producing small bubbles for use in the visualisation of air movement. NIAE Departmental Note DN FB 035 3020, Silsoe, NIAE 27pp Plates.
- MULQUEEN, J., STAFFORD, J. V., TANNER, D. W.
(1976) Evaluation of penetrometers for measuring soil strength. NIAE Departmental Note DN-T-738-1162, Silsoe: NIAE 20pp.
- NATION, H. J.
(1976) The dynamic behaviour of field sprayer booms: The suite of computer programs. NIAE Departmental Note DN-S-801-09005, Silsoe: NIAE 26pp.
- NATION, H. J.
(1976) The dynamic behaviour of field sprayer booms: A technique for field measurement. NIAE Departmental Note DN-S-814-09005, Silsoe: NIAE 61pp.
- NATION, H. J.
(1976) Spray nozzle performance and effects of boom height on distribution. NIAE Departmental Note DN-S-777-1925, Silsoe: NIAE, 27pp.
- NATION, H. J.
(1976) The performance of hydraulic spray nozzles. NIAE Departmental Note DN-S-779-1925, Silsoe: NIAE 52pp.
- NATION, H. J., HOLDEN, M. R.
(1973) The dynamic behaviour of field sprayer booms: the range of performance of the boom tip. NIAE Departmental Note DN/S/432/1905, Silsoe: NIAE 15pp, Figs.

NATION, H. J., HOLDEN, M. R.

(1974) The dynamic behaviour of field sprayer booms: the effect of tank filling on boom tip performance at 6 KM/H. NIAE Departmental Note DN/S/434/1905, Silsoe: NIAE 7pp, Figs.

NATION, H. J., HOLDEN, M. R.

(1974) The dynamic behaviour of field sprayer booms: the effect of tank filling on boom tip performance at 8.5 KM/H. NIAE Departmental Note DN/S/470/1905, Silsoe: NIAE 23pp.

NATION, H. J., HOLDEN, M. R.

(1974) The dynamic behaviour of a sprayer boom on a standard bumpy test track: the effect of vertical springing. NIAE Departmental Note DN-S-508-1905, Silsoe: NIAE 23pp.

NATION, H. J., HOLDEN, M. R.

(1974) The dynamic behaviour of a sprayer boom on a standard bumpy test track: effect of frame brace. NIAE Departmental Note DN-S-509-1905, Silsoe: NIAE 24pp.

NATION, H. J., HOLDEN, M. R.

(1974) The dynamic behaviour of a sprayer boom on a standard bumpy track: effect of vertical springing and damping. NIAE Departmental Note DN-S-510-1905, Silsoe: NIAE 24pp.

NATION, H. J., HOLDEN, M. R.

(1975) The dynamic behaviour of a sprayer boom on a standard bumpy track: performance with a pendulum boom mounting. NIAE Departmental Note DN-S-525-1905, Silsoe: NIAE 25pp.

NATION, H. J., HOLDEN, M. R.

(1975) The dynamic behaviour of a sprayer boom on a standard bumpy track: performance with a centre-pivot boom mounting. NIAE Departmental Note DN-S-526-1905, Silsoe: NIAE 25pp.

NATION, H. J., HOLDEN, M. R.

(1975) The dynamic behaviour of a sprayer boom on a standard bumpy track: performance of a gimbal-mounted boom. NIAE Departmental Note DN-S-527-1905, Silsoe: NIAE 28pp.

NATION, H. J., HOLDEN, M. R.

(1975) The dynamic behaviour of field sprayer booms: The average boom tip performance of 14 sprayers over several operating conditions. NIAE Departmental Note DN-S-537-1905, Silsoe: NIAE 53pp.

NATION, H. J., HOLDEN, M. R.

(1975) The dynamic behaviour of field sprayer booms: A comparison between boom tip behaviour in the field and on a standard bumpy test track. NIAE Departmental Note DN-S-538-1905, Silsoe: NIAE 15pp.

NATION, H. J., HOLDEN, M. R.

(1975) The dynamic behaviour of a sprayer boom on a standard bumpy track: Trials of several boom mounting systems. NIAE Departmental Note DN-S-739-1905, Silsoe: NIAE, 15pp.

NATION, H. J., HOLDEN, M. R.

(1976) The dynamic behaviour of field sprayer booms: Accelerations experienced by sprayer booms in work. NIAE Departmental Note DN-S-772-1925, Silsoe: NIAE 47pp.

NATION, H. J., LAWRENCE, D. C.

(1976) The construction and comparative spray distribution performance of a small-farm sprayer. NIAE Departmental Note DN/S/445/1905, Silsoe: NIAE 8pp, Figs.

NATIONAL INSTITUTE OF AGRICULTURAL ENGINEERING

(1953) A detailed procedure of testing for combine harvesters. NIAE Departmental Note DN-53-8, Silsoe: NIAE 35pp.

NATIONAL INSTITUTE OF AGRICULTURAL ENGINEERING

(1968) The inspection and grading of fruit and vegetables. NIAE Departmental Note M-MH-68-3, Silsoe: NIAE, 5pp.

NATIONAL INSTITUTE OF AGRICULTURAL ENGINEERING

(1968) The movement of fruit from trees into bins in orchards. NIAE Departmental Note M-MH-68-11, Silsoe: NIAE, 3pp.

NATIONAL INSTITUTE OF AGRICULTURAL ENGINEERING

(?) Impact damage to fruit. Departmental Note (DN/MH/102/1810), Silsoe, UK: National Institute of Agricultural Engineering, 8pp.

NEALE, M. A.

(1970) The mixing of external and internal air for cold ventilation in vegetable and potato stores. NIAE Departmental Note DN-FB-049-3040, Silsoe: NIAE 11pp Figs.

NEALE, M. A.

(1970) The removal of excessive condensate from the ceiling of potato stores. NIAE Departmental Note DN-FB-20-70, Silsoe: NIAE 9pp.

NEALE, M. A.

(1971) An instrument for measuring low air flows from the surface of stored produce. NIAE Departmental Note DN-FB-126-3040, Silsoe: NIAE 8pp. Figs.

NEALE, M. A.

(1972) The resistance to air flow of leaf vegetables. NIAE Departmental Note DN/FB/188/3040, Silsoe: NIAE 16pp.

- NEALE, M. A.
(1973) The resistance of root vegetables to airflow. NIAE Departmental Note DN/FB/353/3040, Silsoe: NIAE 21pp,
- NEALE, M. A.
(1973) Airflow through vegetables stored in bulk. NIAE Departmental Note DN/FB/357/3040, Silsoe: NIAE, 12pp, Figs.
- NEALE, M. E.
(1981) Some tests to find materials suitable for flexible walled silage silos. NIAE Departmental Note DN-LD-1050-10008, Silsoe: NIAE 16pp.
- NEALE, M. A., COMPTON, P. K.
(1981) The simulation of a flexible lowering silo wall. Departmental Note (DN/LS/1051/10008), National Institute of Agricultural Engineering, Silsoe, 16pp.
- NEALE, M. A., LINDSAY, R. T.
(1971) The design of buildings for chitting seed potatoes 1970. NIAE Departmental Note DN-FB-132-3070, Silsoe: NIAE 23pp. Figs.
- NEALE, M. A., LINDSAY, R. T.
(1980) An experimental cold store for vegetables (Part I) - the structure of the building. Departmental Note (DN-CS-908-10005), National Institute of Agricultural Engineering, Silsoe, 23pp.
- NEALE, M. A., LINDSAY, R. T.
(1980) An experimental cold store for vegetables (Part II)- positive ventilation and the ice bank cooler. Departmental Note (DN-CS-909-10005), National Institute of Agricultural Engineering, Silsoe, 40pp.
- NEALE, M. A., LINDSAY, R. T.
(1980) An experimental cold store for vegetables (Part III) - cooling vegetables. Departmental Note (DN-CS-910-10005), National Institute of Agricultural Engineering, Silsoe, 22pp.
- NEALE, M. A., LINDSAY, R. T.
(1980) Cooling soft fruit with an ice bank cooler. Departmental Note (DN-CS-911-10005), National Institute of Agricultural Engineering, Silsoe, 15pp.
- NEALE, M. A., LINDSAY, R. T.,
MESSER, H. J. M.
(1970) Buildings and equipment for vegetable storage. Preliminary investigation into an ice bank storage system. NIAE Departmental Note DN-FB-005-3040, Silsoe: NIAE 14pp Plates.
- NEALE, M. A., LINDSAY, R. T.,
MESSER, H. J. M.
(1970) The design of buildings for chitting seed potatoes 1969. NIAE Departmental Note DN-FB-32-70, Silsoe: NIAE 30pp.
- NELLIST, M. E.
(1970) An examination of methods of evaluating drying constants from experimental data. NIAE Departmental Note DN-HC-29-70, Silsoe: NIAE 30pp
- NELLIST, M. E.
(1970) The swath-harvesting of winter-rape - results of an experiment in 1969. NIAE Departmental Note DN/HC/155/1720, Silsoe: NIAE 58pp, figs.
- NELLIST, M. E.
(1971) Results from the deep bin drier 1970. NIAE Departmental Note DN-HC-103-1720, Silsoe: NIAE 7pp Tables.
- NELLIST, M. E., ABRAHAM, S. J.
(1970) An examination of the size and shape of ryegrass seeds. NIAE Departmental Note DN-HC-008-1720, Silsoe: NIAE 22pp Plates
- NELLIST, M. E., DUMONT, S.
(1978) Approximate relationships between seed depth and air pressures required for on-floor and in-bin drying. NIAE Departmental Note DN-Ds-888-07005, Silsoe: NIAE 27pp.
- NELLIST, M. E., DUMONT, S., MARCHANT, J. A.
(1977) Calculation of air pressure and flow in single perforated ducts for crop ventilation. NIAE Departmental Note DN-DS-799-07005, Silsoe: NIAE 17pp.
- NELLIST, M. E., KLINNER, W. E., REES, D. V. H.
(1969) A comparison of two methods of harvesting winter rape seed. NIAE Departmental Note DN-3-HCD-69 T-MPD-69-3 (1371), Silsoe: NIAE 31pp.
- NELLIST, M. E., REES, D. V. H.
(1966) Herbage seed investigation. Seed definition - results of a preliminary enquiry. NIAE Departmental note DN-1-66-HHD and DN-1a-66-HCD, Silsoe: NIAE 14pp.
- NELLIST, M. E., REES, D. V. H.
(1967) The drying of timothy seed - results of an experiment in 1964. NIAE Departmental Note DN-1-HCD-67, Silsoe: NIAE 59pp.
- NELLIST, M. E., REES, D. V. H.
(1967) Harvesting S24 Ryegrass seed - Report of an experiment in July, 1966. NIAE Departmental Note DN-3-HCD-67, Silsoe: NIAE 21pp.
- NELLIST, M. E., REES, D. V. H.
(1967) The on-farm harvesting of S48 Timothy, 1966. NIAE Departmental Note DN-4-HCD-67, Silsoe: NIAE 16pp.

- NELLIST, M. E., REES, D. V. H.
(1967) Preliminary studies with oil-seed rapew, 1967. NIAE Departmental Note DN-11-HCD-67, Silsoe: NIAE 6pp.
- NELLIST, M. E., REES, D. V. H.
(1968) The drying of Cocksfoot Seed - Results of an experiment in 1964. NIAE Departmental Note DN-2-HCD-68, Silsoe: NIAE 35pp.
- NELLIST, M. E., REES, D. V. H.
(1968) The drying of hot-water treated wheat - results of an experiment in 1965. NIAE Departmental Note DN-3-HCD-68, Silsoe: NIAE 24pp.
- NELLIST, M. E., REES, D. V. H.
(1969) The drying of Cocksfoot seed - Results of an experiment in 1965. NIAE Departmental Note DN-4-HCD-69, Silsoe: NIAE 16pp.
- NELLIST, M. E., REES, D. V. H.
(1969) Some initial results from the deep bin drier, 1969. NIAE Departmental Note DN-HC-22-69, Silsoe: NIAE 21pp.
- NELLIST, M. E., REES, D. V. H., ABRAHAMS, S. J.
(1968) The resistance to airflow of dry and soaked vegetable seeds. NIAE Departmental Note DN-10-HCD-68, Silsoe: NIAE 14pp.
- NELLIST, M. E., REES, D. V. H., ABRAHAMS, S. J.
(1970) The effect of drying air temperature on the quality of the seed of winter oil rape, Brassica napus. NIAE Departmental Note DN-HC-28-70, Silsoe: NIAE 26pp.
- NELLIST, M. E., REES, D. V. H., LAYTON, T. W.
(1975) Drying single large hay bales 2, Results for clad bales. NIAE Departmental Note DN-DS-650-1380, Silsoe: NIAE 43pp.
- NELLIST, M. E., REES, D. V. H., LAYTON, T. W.
(1976) Apparatus for comparative exposed layer drying of agricultural products. NIAE Departmental Note DN-DS-671-1721, Silsoe: NIAE 15pp.
- O'DOGHERTY, M. J.
(1970) Research on the mechanisation of spaced rowcrops. NIAE Departmental Note DN-R-025-1500, Silsoe, NIAE 48pp Plates
- O'DOGHERTY, M. J.
(1970) A contribution to the study of the displacement of seeds on impact with soil surfaces. NIAE Departmental Note DN R 039 1605, Silsoe: NIAE 16pp Figs.
- O'DOGHERTY, M. J.
(1972) Field measurements of the displacement and acceleration of a sugar beet topping unit. NIAE Departmental Note DN/R/268/1600, Silsoe: NIAE 10pp, Figs.
- O'DOGHERTY, M. J.
(1973) A geometrical model of suger beet topping. NIAE Departmental Note DN/R/359/1600, Silsoe: NIAE 28pp,Figs.
- O'DOGHERTY, M. J., CHITTEY, E. T.
(1971) A study of seedling development. NIAE Departmental Note DN-R-046-1607, Silsoe: NIAE 15pp Figs.
- O'DOGHERTY, M. J., GIBBONS, G. E.
(1973) Design and calibration of a beet crown force dynamometer. NIAE Departmental Note DN/R/309/1600, Silsoe: NIAE 8pp, Figs.
- O'DOGHERTY, M. J., GIBBONS, G. E.
(1972) Measurements of forces applied to beet crowns by a topping unit. NIAE Departmental Note DN/R/310/1600, Silsoe: NIAE 10pp, Figs.
- O'DOGHERTY, M. J., GIBBONS, G. E.
(1972) Calibration of two proprietary semi-rotary viscous dampers. NIAE Departmental Note DN/R/267/1600, Silsoe: NIAE 9pp, Figs.
- O'DOGHERTY, M. J., JOYCE, F. W.
(1972) A dynamometer to measure the forces on a sugar beet topping knife. NIAE Departmental Note DN/R/269/1600, Silsoe: NIAE 10pp, Figs.
- O'DOGHERTY, M. J., WAYMAN, J. A., GIBBONS, G. E.
(1972) Laboratory experiments to assess the performance of a lightweight sugar beet topper restrained by springs and viscous damping over various beet stands, Part 2, 1972. NIAE Departmental Note DN/R/266/1600, Silsoe: NIAE 20pp, Figs.
- O'NEILL, D. H.
(1976) Climatic conditions in milking parlours. Part I. - Thermal comfort. NIAE Departmental Note DN-E-710-1440, Silsoe: NIAE 33pp.
- O'NEILL, D. H.
(1976) Climatic conditions in milking parlours Part II - Performance of milkers. NIAE Departmental Note DN-E-742-1440, Silsoe; NIAE 19pp.
- O'NEILL, D. H.
(1978) The effects of solar energy on the thermal environment in an enclosed tractor cab. NIAE Departmental Note DN-E-867-02001, Silsoe: NIAE 20pp.
- OSBORNE, L. E.
(1970) A field comparison of the performance of two and four-wheel drive and tracklaying tractors. NIAE Departmental Note DN-TE-023-1405, Silsoe: NIAE 29pp Plates

- OSBORNE, L. E., MANBY, T. C. D.
(1970) The standardisation of systems for automatic coupling implements to tractors. NIAE Departmental Note DN-TE-063-1460, Silsoe: NIAE 15pp Figs.
- OSBORNE, L. E., ROGIE, D.
(1971) A pilot survey of control requirements and unscheduled stops during tillage operations and unscheduled stops during tillage operations Part 1: mouldboard ploughs 1970. NIAE Departmental Note DN-TE-098-1261, Silsoe: NIAE 27pp.
- OSBORNE, L. E., SNEATH, R. W.
(1974) An integrated, separation, aerobic treatment and sludge de-watering system for pig slurry. NIAE Departmental Note DN/FB/481/3000, Silsoe: NIAE 23pp, Figs.
- OSBORNE, L. E., SNEATH, R. W.
(1974) The effect of temperature on the performance of high-rate filter towers treating pig slurry. NIAE Departmental Note DN/FB/499/3000, Silsoe: NIAE 7pp, Figs.
- OWEN, J. E.
(1971) A simulated pig for use in ventilation studies. NIAE Departmental Note DN/FB/168/3020, Silsoe: NIAE 29pp, figs.
- OWEN, J. E., CARPENTER, G. A., RANDALL, J. M.
(1971) A simulated pig for use in ventilation studies. Departmental Note (DN/FB/168/3020), National Institute of Agricultural Engineering, Silsoe, 45.
- PALMER, M. E.
(1966) Higher ploughing speeds. A critical review of previous work with suggestions for future research at the NIAE. NIAE Departmental Note DN-210-CD, Silsoe: NIAE 24pp.
- PARK, C. D., JESSON, M. W.
(1972) Trials of a laboratory scale vacuum cooling unit. NIAE Departmental Note DN/M/294/1375, Silsoe: NIAE 26pp.
- PARKE, D.
(1966) Investigation of the performance of some silo top unloaders. NIAE Departmental Note DN-3-HCD-66, Silsoe: NIAE 7pp.
- PARKE, D.
(1967) Potato handling: A comparison of work rates. NIAE Departmental Note DN-14-HCD-67, Silsoe: NIAE 6pp.
- PARKE, D.
(1968) A comparison of performance and cost of various bin handling methods in the orchard. NIAE Departmental Note DN-6-HCD-68, Silsoe: NIAE 14pp.
- PARKE, D.
(1969) A handling system for use in orchards based on self-loading vehicles. NIAE Departmental Note DN-5-HCD-69, Silsoe: NIAE 14pp.
- PARKE, D.
(1972) A study of the use of equipment and the rate of work of a multiple unit forage harvesting system. NIAE Departmental Note DN/SY/254/1951, Silsoe: NIAE 22pp.
- PARKE, D., AUDESLEY, E., LOADES, C.
(1980) Effect of sugar beet spacing and establishment on yield A simulation model study. NIAE Departmental Note DN-OR-1028-11014, Silsoe: NIAE, 16pp.
- PARKE, D., CORRIE, W. J.
(1969) The power requirement of a metered feed forage harvester using short chop length settings. NIAE Departmental Note DN-6-HCD-69, Silsoe: NIAE 10pp.
- PARKE, D., DUMONT, A. G.
(1977) The effect of swath drying rates on hay value. NIAE Departmental Note DN-SY-823-11007, Silsoe: NIAE 15pp.
- PARKE, D., DUMONT, A. G.
(1979) The effect of some management options on hay value. NIAE Departmental Note DN-OR-930-11007, Silsoe: NIAE 10pp.
- PARKE, D., DUMONT, A. G.
(1979) A simulation model to study forage conservation systems. NIAE Departmental Note DN-SY-920-11007, Silsoe: NIAE 49pp.
- PARKE, D., DUMONT, A. G., BOYCE, D. S.
(1976) The economic benefits of high moisture content hay treated with propionic acid. NIAE Departmental Note DN-SY-733-1957, Silsoe: NIAE 13pp.
- PARKE, D., HARDING, J. (1967) A limited study of routines for filling tower silos. NIAE Departmental Note DN-6-HCD-67, Silsoe: NIAE 16pp.
- PATTERSON, D. E.
(1969) Preliminary experiments in 1968/69 to examine suitable tillage systems for reducing the cost of cultivation operations for cereals. NIAE Departmental Note DN-IP-24-69, Silsoe: NIAE 28pp.
- PATTERSON, D. E.
(1970) Preliminary experiments in 1968/69 to examine suitable tillage systems for reducing the cost of cultivation operations for cereals. NIAE Departmental Note DN-IP-24-70, Silsoe: NIAE 28pp.

PATTERSON, D. E.

(1971) Further studies into suitable tillage systems to improve the economy of cultivations for cereals: Part 2. 1969/70 experiments. NIAE Departmental Note DN-TS-086-1260, Silsoe: NIAE 28pp Figs.

PATTERSON, D. E.

(1971) Field experiments to examine the performance of two types of chisel and rotary tine in cereal stubble (1970). NIAE Departmental Note DN-TS-101-1260, Silsoe: NIAE 8pp Figs.

PATTERSON, D. E.

(1971) Studies into further tillage systems to improve the economy of cultivation for cereals Part 3 1970/71 experiments. NIAE Departmental Note DN/CT/177/1260, Silsoe: NIAE 25pp, figs.

PATTERSON, D. E.

(1973) ADAS and NIAE trial in Lincolnshire to investigate the performance of NIAE reduced cultivations for winter wheat following sprouts - January 1973. NIAE Departmental Note DN-C-409-1260, Silsoe: NIAE 7pp.

PATTERSON, D. E., BULL, K. G.

(1971) Performance of tractor-mounted loaders. NIAE Departmental Note DN-IP-077-1255, Silsoe: NIAE 33pp.

PATTERSON, D. E., CHARLICK, R. H.

(1970) A comparative study of a rotary cultivator with tines in front or behind the rotor on cereal stubble on sandy clay soils in Spring 1970. NIAE Departmental Note DN-IP-048-1260, Silsoe: NIAE 8pp Figs.

PATTERSON, D. E., CHAMEN, W. C. T., RICHARDSON, C. D.

(1972) Perennial experiments with tillage systems to improve the economy of cultivations for cereals: 1st year - 1971/72 experiments. NIAE Departmental Note DN-CT-311-1260, Silsoe: NIAE 46pp.

PATTERSON, D. E., CHAMEN, W. C. T., RICHARDSON, C. D.

(1973) Perennial experiments with tillage systems to improve the economy of cultivations for cereals: 2nd year - 1972/73 experiments. NIAE Departmental Note DN/TC/320/1260, Silsoe: NIAE 56pp.

PATTERSON, D. E., CHAMEN, W. C. T., RICHARDSON, C. D.

(1974) Perennial experiments with tillage systems to improve the economy of cultivations for cereals: 3rd year -1973/74 experiments. NIAE Departmental Note DN-Cu-501-1260, Silsoe: NIAE 26pp. Appendices.

PATTERSON, D. E., CHAMEN, W. C. T., RICHARDSON, C. D.

(1975) Perennial experiments with tillage systems to improve the economy of cultivations for cereals: 4th year - 1974/75 experiments. NIAE Departmental Note DN-Cu-615-1260, Silsoe: NIAE 51pp.

PATTERSON, D. E., CHAMEN, W. C. T., RICHARDSON, C. D.

(1976) Perennial experiments with tillage systems to improve the economy of cultivations for cereals: 5th year - 1975/76 experiments. NIAE Departmental Note DN-Cu-735-1260, Silsoe: NIAE 41pp.

PATTERSON, D. E., CHAMEN, W. C. T., RICHARDSON, C. D.

(1977) Perennial experiments with tillage systems to improve the economy of cultivations for cereals: 6th year - 1976-77 experiments. NIAE Departmental Note DN-Cu-832-01009, Silsoe, NIAE 39pp.

PATTERSON, D. E., HEBBLETHWAITE, P.

(1960) A comparison of the distribution of seed obtained with three spacing drills and the Bamford S13/15 drill. NIAE Departmental Note DN-128-ATD, Silsoe: NIAE 9pp.

PATTERSON, D. E., RICHARDSON, C. D.

(1980) Bridge links for combined cultivation and drilling. NIAE Departmental Note DN-Cu-989-01009, Silsoe: NIAE 12pp.

PEARSON, G., MATTHEWS, J.

(1971) An analysis of the torques imposed on the tractor P.T.O. by some hay and silage machinery. NIAE Departmental Note DN-TE-085-1420, Silsoe: NIAE 9pp Figs.

PEARSON, G., MAUGHAN, G. L.

(1957) A preliminary investigation into the separation of a sample of rubbed sugar beet seed into grades with different germinating capacities, 1954. NIAE Departmental Note DN-86-ATD, Silsoe: NIAE 6pp.

PHILLIPSON, A., ALLEN, D. I., LAWRENCE, D. C.

(1954) A method of assessment of the mechanical damage to potatoes. NIAE Departmental Note DN-28, Silsoe: NIAE 5pp.

POLLARD, P. R., MORAN, P.

(1978) Full-scale measurements of wind loads on film plastic greenhouses: A pressure tapping point. NIAE Departmental Note DN-G-860-04025, Silsoe: NIAE 5pp.

POTTAGE, J. E.

(1977) The development of an experimental sprayer for hedgerow plantations. NIAE Departmental Note DN-S-740-09002, Silsoe: NIAE 8pp.

- PRICE, M. L. R.
(1977) The economic feasibility of automating ploughing - An operational research study. NIAE Departmental Note DN-SY-790-11012, Silsoe: NIAE 14pp.
- RANDALL, J. M.
(1970) Field data for establishing wind tunnel techniques in orchard spray application research. NIAE Departmental Note DN-S-14-70, Silsoe: NIAE 26pp.
- RANDALL, J. M.
(1971) The evaporation of moving droplets. Departmental Note (DN/S/087/1900), National Institute of Agricultural Engineering, Silsoe, 24pp.
- RANDALL, J. M.
(1972) A course on the use of hot wire anemometers. Departmental Note (DN-FB-205-3020), Silsoe: National Institute of Agricultural Engineering, 72pp.
- RANDALL, J. M.
(1973) Air distribution in a full scale section of a livestock building - Part I. Departmental Note (DN/FB/319/3020), National Institute of Agricultural Engineering, Silsoe, 110pp.
- RANDALL, J. M.
(1973) A multiple head, low velocity, omnidirectional, heated thermocouple anemometer for use in ventilation studies - Part II: Additional data. Departmental Note (DN/FB/413/3020), National Institute of Agricultural Engineering, Silsoe, 16pp.
- RANDALL, J. M.
(1978) The installation of an experimental piggery ventilation system with step control and automatic vents. NIAE Departmental Note DN-En-831-10003, Silsoe: NIAE 24pp.
- RANDALL, J. M.
(1978) Selection of ventilation systems and penning layouts for piggeries based on the cooling effects of air speed and temperature. NIAE Departmental Note DN-En-875-10003, Silsoe: NIAE 46pp.
- RANDALL, J. M., BATTAMS, V. A.
(1977) Theoretical prediction of the initial path of air jets in ventilated livestock buildings. NIAE Departmental Note DN-En-714-10003, Silsoe: NIAE 40pp.
- RANDALL, M. J., JESSON, M. W.
(1970) Performance data on a dry meal pig feeding system with electrically actuated dispensers. NIAE Departmental Note DN-MP-053-1335, Silsoe: NIAE 20pp Figs.
- RANDALL, J. M., WILMSHURST, T.
(1972) A multiple head, low velocity, omnidirectional, heated thermocouple anemometer for use in ventilation studies. Departmental Note (DN/FB/271/3020), National Institute of Agricultural Engineering, Silsoe, 40pp.
- RANDLE, D. G.
(1974) A general purpose single channel data logger. NIAE Departmental Note DN/IS/398/1900, Silsoe: NIAE 4pp, Figs.
- RANDLE, D. G., SLATER, M. D., TURNER, M. J. B.
(1970) A computer programme for use in dairy parlour automation. NIAE Departmental Note DN-I-019-1015, Silsoe: NIAE 5pp Plates.
- RANDLE, D. G., WIGNALL, W. R.
(1970) The translation of analogue magnetic tape records to digital paper tape utilising a small computer. NIAE Departmental Note DN-CI-044-1905, Silsoe: NIAE 11pp Figs.
- REES, D. V. H.
(1954) An investigation into certain causes of dry matter loss incurred during hay-making. Departmental Note (DN/54/32), National Institute of Agricultural Engineering, Silsoe, 20pp.
- REES, D. V. H.
(1971) A technique for measuring the drying rates of herbage. NIAE Departmental Note DN/HCD/166/1720, Silsoe: NIAE 21pp, figs.
- REES, D. V. H.
(1974) Drying single large hay bales. Departmental Note (DN/DS/448/1380), National Institute of Agricultural Engineering, Silsoe, 28pp.
- REES, D. V. H., LAYTON, T. W.
(1978) The effect of density on the resistance to airflow of dry hay. NIAE Departmental Note DN-DS-879-06010, Silsoe: NIAE 18pp.
- REES, D. V. H., NEALE, M. A., LINDSAY, R. T.
(1980) The aerobic deterioration of silage - The results of experiments in 1979. NIAE Departmental Note DN-L-987-10008, Silsoe: NIAE 37pp.
- REES, D. V. H., NELLIST, M. E.
(1970) Equipment for the drying of agricultural products up to a depth of 5 feet. NIAE Departmental Note DN-HC-26-70, Silsoe: NIAE 22pp.
- REES, D. V. H., NELLIST, M. E.
(1970) The drying of mint, an interim report. NIAE Departmental Note DN-HC-27-70, Silsoe: NIAE 18pp.
- RICHARDSON, R. C. D.
(1960) Wear experiments using a tine with a flat plate cutting element (Spring 1959). NIAE Departmental Note DN-109-ATD, Silsoe: NIAE 100pp.

RICHARDSON, R. C. D.

(1960) Trials with a rotary cultivator adapted to compare wear rates on flat plate cutting elements - 1957 and 1958. NIAE Departmental Note DN-110-ATD, Silsoe; NIAE, 20pp.

RICHARDSON, R. D.

(1956) Down-the-row thinning of sugar beet. Effect of thinner treatments on plant numbers (March 1954). NIAE Departmental Note DN-63, Silsoe: NIAE 23pp.

RICHARDSON, R. D.

(1956) Down-the-row thinning of sugar beet comparative trial of a method employing small blades with the conventional Great Western method (August 1954). NIAE Departmental Note DN-64, Silsoe: NIAE 60pp.

RICHARDSON, R. D., BROOK, A. J.

(1956) Down-the-row thinning of sugar beet effect of thinner treatments - analysis of 1954 field experiments. NIAE Departmental Note DN-69, Silsoe: NIAE 30pp.

RICHARDSON, R. D., BROOK, A. J.

(1956) The design and performance of cage wheels. NIAE Departmental Note DN-71, Silsoe: NIAE 11pp.

RICHARDSON, R. D., BROOK, A. J.

(1956) Down-the-row thinning of sugar beet - trials with small thinner blades, 1955. NIAE Departmental Note DN-78-ATD, Silsoe: NIAE 24pp.

SHARP, J. R.

(1971) Harvesting orchard fruit by tree shaking trials in 1969 and 1970. NIAE Departmental Note DN/M/182/1320, Silsoe: NIAE 24pp, figs.

SHARP, J. R.

(1973) Strawberry harvesting trials at Wrest Park and Luddington E.H.S. 1973. NIAE Departmental Note DN/VSF/400/1316, Silsoe: NIAE 15pp, Figs.

SHARP, J. R.

(1978) The span approach to glasshouse mechanisation: progress during 1976-7 with emphasis on lettuce production. NIAE Departmental Note DB-MH-880-08003, Silsoe: NIAE 16pp.

SHARP, J. R.

(1979) The span approach to Glasshouse Mechanisation;- Progress during 1978 and 1979. NIAE Departmental Note DN-MH-984-08003, Silsoe: NIAE 13pp.

SHARP, J. R., BOA, W.

(1970) Strawberry harvesting trials at Efford E.H.S. and Luddington E.H.S. 1969. NIAE

Departmental Note DN-MP-007-1316, Silsoe: NIAE 13pp Plates.

SHARP, J. R., BOA, W.

(1973) Strawberry harvesting trials at Wrest Park and Luddington EHS 1972. NIAE Departmental Note DN/M/301/1316, Silsoe: NIAE 12pp, Figs.

SHARP, J. R., BROWN, F. R.

(1974) Crop damage in mechanised carrot harvesting investigations 1972-73. NIAE Departmental Note DN/VSE/415/1320, Silsoe: NIAE 37pp, Figs.

HARP, J. R., FARRENT, J. W.

(1975) Crop damage in mechanised carrot harvesting survey investigations 1972-74. NIAE Departmental Note DN-VSF-611-1320, Silsoe: NIAE 15pp.

SHARP, J. R., FARRENT, J. W.

(1976) Crop damage in mechanised carrot harvesting investigations 1974-5-6. NIAE Departmental Note DN-VSF-622-1320, Silsoe: NIAE 15pp.

SHARP, R. B.

(1971) Deposit analysis by fluorescence. NIAE Departmental Note DN/S/159/1905, Silsoe: NIAE 7pp, figs.

SHARP, R. B.

(1971) Tracing barban deposits by fluorescence. NIAE Departmental Note DN/S/165/1905, Silsoe: NIAE 6pp, figs.

SHARP, R. B.

(1972) Tracing paraquat deposit by fluorescence. NIAE Departmental Note DN/S/220/1905, Silsoe: NIAE figs. 8pp

SHARP, R. B.

(1975) Preliminary observations on an ultra low volume spraying machine. NIAE Departmental Note DN-S-557-1900, Silsoe: NIAE 7pp.

SHARP, R. B.

(1975) Spray distribution achieved in hedgerow trees with two sizes of spray drops applied at two different rates. NIAE Departmental Note DN-S-628-1900, Silsoe: NIAE 5pp.

SHARP, J. R., BOA, W.

(1970) Strawberry harvesting trials at Efford E.H.S. and Luddington E.H.S. 1969. NIAE Departmental Note DN-MP-007-1316, Silsoe: NIAE 13pp Plates.

SHARP, R. B., BYASS, J. B.

(1973) The direct reading of fluorochrome deposits on paper. NIAE Departmental Note DN/S/317/1905, Silsoe: NIAE 7pp, Figs.

- SHARP, R. B., HALE, O. D.
(1975) Evaluation of three commercial machines in hedgerow plantations. NIAE Departmental Note DN-S-607-1900, Silsoe: NIAE 6pp.
- SHARP, R. B., POTTAGE, J. E.
(1976) Experimental blackcurrant and hop spraying 1975-76. NIAE Departmental Note DN-S-745-1900, Silsoe: NIAE 14pp.
- SHARP, R. B., POTTAGE, J. E.
(1978) Experimental blackcurrant spraying - 1977. NIAE Departmental Note DN-S-887-09002, Silsoe: 11pp.
- SHARP, R. B., POTTAGE, J. E.
(1979) Sugar beet spraying experiments 1976-78. NIAE Departmental Note DN-S-958-09009, Silsoe: NIAE 8pp.
- SHEPPERSON, G.
(1971) Economic aspects of the production and high density packaging of dried grass. NIAE Departmental Note DN-HC-076-1715, Silsoe: NIAE 28pp.
- SMITH, R. A.
(1972) A power supply for dairy parlour computer interfaces. NIAE Departmental Note DN-C-145-1015, Silsoe: NIAE 8pp. Tables.
- SMITH, R. A.
(1972) Details of interface circuits used for a dairy parlour computer. NIAE Departmental Note DN-C-147-1015, Silsoe: NIAE 12pp. Figs.
- SMITH, R. A.
(1972) Equipment for automatically determining and recording braking distance of tractors. NIAE Departmental Note DN/C/195/1238, Silsoe: NIAE 6pp, figs.
- SMITH, R. A.
(1974) An electronic weighing unit for livestock employing analogue integration techniques. NIAE Departmental Note DN/C/457/1018, Silsoe: NIAE 13pp, Figs.
- SMITH, R. A.
(1974) A temperature drift correcting amplifier for strain gauge transducer applications. NIAE Departmental Note DN/C/459/1018, Silsoe: NIAE 7pp, Figs.
- SMITH, R. A., TURNER, M. J. B.
(1972) Alarm and standby identifier equipment for a dairy parlour computer. NIAE Departmental Note DN-C-148-1015, Silsoe: NIAE 6pp. Figs.
- SNAITH, J. A.
(1970) Preliminary experiments to assess the suitability of the Haake viscotester 180 for determining slurry viscosity. NIAE Departmental Note DN-IP-052-1250, Silsoe: NIAE 5pp Figs.
- SNEATH, R. W.
(1976) Pig slurry treatment using a plunging jet aerator. NIAE Departmental Note DN-FB-675-3000, Silsoe: NIAE 28pp.
- SNEATH, R. W.
(1976) Comparison of the performance of the plunging jet aerator in water and pig slurry. Departmental Note (DN/FB/743/3000), National Institute of Agricultural Engineering, Silsoe, 10pp.
- SNEATH, R. W.
(1979) Investigation of preservative application methods. NIAE Departmental Note DN-FC-941-07004, Silsoe: NIAE 19pp.
- SNEATH, R. W., WELLS, R. E. F., HOLDEN, M. R.
(1980) The use of "quick" moisture measurement methods for grass. Departmental Note (DN 937), National Institute of Agricultural Engineering, Silsoe, 12pp.
- SNELL, J. R.
(1976) Evaluation of an instrument to measure the conductivity of milk. NIAE Departmental Note DN-C-682-1019, Silsoe: NIAE 5pp.
- STAFFORD, J. V.
(1978) The performance of a rigid tine in relation to soil properties and speed. NIAE Departmental Note DN-T-871-05002, Silsoe: NIAE 24pp.
- STAFFORD, J. V.
(1978) A versatile, high-speed soil tank for studying soil/implement interaction. NIAE Departmental Note DN-T-876-05002, Silsoe: NIAE 11pp.
- STAFFORD, J. V.
(1978) The field performance of some commercial tines. NIAE Departmental Note DN-T-912-05002, Silsoe: NIAE 18pp.
- STAFFORD, J. V.
(1978) Field drainage. A survey and report on research and development needs. NIAE Departmental Note DN-T-907-05002, Silsoe: NIAE 11pp.
- STAFFORD, J. V.
(1980) An application of critical state soil mechanics: The performance of rigid tines. NIAE Departmental Note DN-Cu-1042-01011, Silsoe: NIAE 28pp.
- STAFFORD, J. V., TANNER, D. W.
(1976) The frictional characteristics of steel sliding on soil. NIAE Departmental Note DN-T-728-1162, Silsoe: NIAE 16pp.
- STAFFORD, J. V., TANNER, D. W.
(1977) The frictional characteristic of various surface coatings sliding on soil. NIAE

Departmental Note DN-T-795-05002, Silsoe: NIAE 12pp.

STAFFORD, J. V., TANNER, D. W., HAMPSON, C. J.

(1977) The effect of speed on the performance of a tine; 1975/6 field experiments. NIAE Departmental Note DN-T-774-05002, Silsoe; NIAE 20pp.

STANSFIELD, J. R., HOOPER, A. W.

(1972) Measurement of tractor wheel slip by an optical method. NIAE Departmental Note DN/C/216/1006, Silsoe: NIAE 17pp, figs.

STAYNER, R. M.

(1972) Silencing techniques for diesel-driven fans. NIAE Departmental Note DN/TE/219/1435, Silsoe: NIAE 24pp, figs.

STAYNER, R. M.

(1973) Tractor cab noise reduction through vibration isolation: I Isolator characteristics. NIAE Departmental Note DN/TC/304/1430, Silsoe: NIAE 34pp, Figs.

STAYNER, R. M.

(1973) Tractor cab noise reduction through vibration isolation. II: Effect of mounting position. NIAE Departmental Note DN/TC/339/1430, Silsoe: NIAE 9pp,

STAYNER, R. M.

(1974) Acoustic properties of multi-layer absorbers. NIAE Departmental Note DN/TC/422/1430, Silsoe: NIAE 40pp. Figs.

STAYNER, R. M.

(1975) Theoretical prediction of tractor ride vibration levels, I: Dynamic models and equations of motion. NIAE Departmental Note DN-E-512-1445, Silsoe: NIAE 24pp.

STAYNER, R. M.

(1975) Noise exposure of tractor drivers - 1974. NIAE Departmental Note DN-E-601-1430, Silsoe: NIAE 31pp.

STAYNER, R. M.

(1978) Survey of tractor drivers' hearing, 1976 (Report to Health and Safety Executive). NIAE Departmental Note DN-E-893-02003, Silsoe: NIAE 27pp.

STAYNER, R. M.

(1978) On estimating the noise exposure of tractor drivers. NIAE Departmental Note DN-E-913-02003, Silsoe: NIAE 20pp.

STAYNER, R. M., BEAN, A. G. M.

(1972) Review of measurements of tractor suspension seats 1970/1971. NIAE Departmental Note DN/TE/214/1445, Silsoe: NIAE 21pp, figs.

STAYNER, R. M., BEAN, A. G. M.

(1975) Tractor ride investigations: A survey of vibrations experienced by drivers during field work. NIAE Departmental Note DN-E-578-1445, Silsoe: NIAE 30pp.

STAYNER, R. M., BOLDERO, A. G.

(1973) The dynamic stiffness of tractor tyres: measurements in the horizontal plane. NIAE Departmental Note DN/TC/386/1445, Silsoe: NIAE 19pp, Figs.

STAYNER, R. M., HARTSHORN, R. L.

(1975) The NIAE MK II Ridemeter. NIAE Departmental Note DN-E-564-1445, Silsoe: NIAE 10pp.

STREET, M. J., BARLOW, P. F.

(1977) Operation and production of an automatic identification system for cattle. NIAE Departmental Note DN-LC-729-04018, Silsoe: NIAE 20pp.

STUDMAN, C. J.

(1971) Forces on implements; a review of past work. NIAE Departmental Note DN/SR/153/1163, Silsoe: NIAE 12pp, figs.

STUDMAN, C. J.

(1972) The penetration of thin layers of sand by a spherical indenter. NIAE Departmental Note DN/ER/273/1163, Silsoe: NIAE 15pp, Figs.

STUDMAN, C. J.

(1972) Behaviour of soil particles trapped between colliding masses. NIAE Departmental Note DN/ER/279/1163, Silsoe: NIAE 13pp. Figs.

STUDMAN, C. J., MANSFIELD, R.

(1972) Effect of abrasive wear on the tensile strength of steels. NIAE Departmental Note DN/ER/280/1163, Silsoe: NIAE 18pp, Figs.

TALAMO, J. D. C.

(1973) The NIAE noise test chamber. NIAE Departmental Note DN/TC/378/1430, Silsoe: NIAE 12pp, Figs.

TALAMO, J. D. C.

(1974) Tractor cab acoustic properties and transmission loss. NIAE Departmental Note DN/T/419/1430, Silsoe: NIAE 15pp, Figs.

TALAMO, J. D. C.

(1975) Tractor cab noise: prediction of cab levels due to airborne sources. NIAE Departmental Note DN/E/471/1430, Silsoe: NIAE 7pp, Figs.

TALAMO, J. D. C.

(1975) Hearing in tractor cabs: Attenuation and masking effects. NIAE Departmental Note DN-E-556-1431, Silsoe: NIAE 17pp.

- TALAMO, J. D. C.
(1975) Hearing in tractor cabs: perception and directional effects. NIAE Departmental Note DN-E-595-1431, Silsoe: NIAE 20pp.
- TALAMO, J. D. C.
(1977) Reducing the noise level at the driver on a 32 kW tractor without a cab. NIAE Departmental Note DN-E-744-1430, Silsoe; NIAE 35pp.
- TALAMO, J. D. C.
(1978) Signal detection theory applied to the response of tractor drivers to acoustic cues. NIAE Departmental Note DN-E-883-02003, Silsoe: NIAE 16pp.
- TALAMO, J. D. C.
(1980) The perception of indicator sounds: I. Measurement of the masked threshold. NIAE Departmental Note DN-E-1004-02003, Silsoe: NIAE 12pp.
- TALAMO, J. D. C., COVE, C. A., VINCENT, P.
(1975) A tracking task for ergonomics experiments. NIAE Departmental Note DB-E-631-1430, Silsoe: NIAE 9pp.
- TALAMO, J. D. C., DILLEY, P. A.
(1980) The noise dose received by agricultural workers using tractors fitted with 'Quiet' cabs. NIAE Departmental Note DN-E-1023-02003, Silsoe: NIAE 10pp.
- TALAMO, J. D. C., STAYNER, R. M.
(1972) Some aspects of environmental noise in farm buildings and plant. NIAE Departmental Note DN/TE/199/1435, Silsoe: NIAE 33pp, figs.
- TALAMO, J. D. C., STAYNER, R. M.
(1975) Acoustic cavity resonance in tractor cabs. NIAE Departmental Note DN-E-656-1430, Silsoe: NIAE 29pp.
- TANNER, D. W.
(1970) Revolving ball penetrometer. NIAE Departmental Note DN ER 026 1162, Silsoe: NIAE 4pp. Plates.
- TANNER, D. W., McLEES, V. A.
(1974) Penetration of soil by wedge shaped probes, 1973 experiments. NIAE Departmental Note DN/TC/456/1162, Silsoe: NIAE 20pp, Figs.
- TOMLINSON, R. W.
(1970) Physical and mental workload in the operation of tractor-mounted loaders. NIAE Departmental Note DN TE 030 1400, Silsoe: NIAE 11pp Plates.
- TOMLINSON, R. W.
(1970) The development of a dynamic model of the seated human operator. NIAE Departmental Note DN TE 037 1445, Silsoe: NIAE 14pp.
- TOMLINSON, R. W.
(1971) A survey of psychological and mental stress on cowmen in herringbone dairy systems. NIAE Departmental Note DN/TE/158/1440, Silsoe: NIAE 36pp, fig.
- TUCK, C. R.
(1976) The effect of various design and operation parameters of rotary mowers on cutting performance - phase 1975. NIAE Departmental Note DN-FC-666-1355, Silsoe: NIAE 26pp.
- TUCK, C. R.
(1978) The effect of various design and operational parameters of rotary mowers on cutting performance - phase 1977. NIAE Departmental Note DN-FC-906-03001, Silsoe: NIAE 25pp.
- TUCK, C. R.
(1979) The effect of various design and operational parameters of rotary mowers on cutting performance - phase 1978. NIAE Departmental Note DN-FC-945-03001, Silsoe: NIAE 25pp.
- TUCK, C. R., KLINNER, W. E., HALE, O. D.
(1979) Economic and practical aspects of high-capacity rotary mower systems. NIAE Departmental Note DN-FM-977-03001, Silsoe: NIAE 9pp.
- TURNER, M. J. B.
(1971) Automation of group feeding systems for dairy cattle. Part I. NIAE Departmental Note DN-CI-067-1015, Silsoe: NIAE 10pp Figs.
- TURNER, M. J. B.
(1970) On-line computer programmes for weight assessment of livestock. NIAE Departmental Note DN-CI-058-1015, Silsoe: NIAE 8pp.
- TURNER, M. J. B.
(1971) Automation of group feeding systems for dairy cattle. Part 2. Tower silo unloading and batch weighing at Bridgets EHF. NIAE Departmental Note DN-CI-106-1015, Silsoe: NIAE 12pp Figs.
- TURNER, M. J. B.
(1971) Batch weighing systems for forage and barley. NIAE Departmental Note DN-CI-068-1015, Silsoe: NIAE 7pp Tables.
- TURNER, M. J. B.
(1972) Automation of group feeding systems for dairy cattle, Part 4. Operational experience at Bridgets EHF, 1971-2. NIAE Departmental Note DN/C/299/1015, Silsoe: NIAE 22pp, Figs.
- TURNER, M. J. B., CROWTHER, J. S. W.
(1980) A modular approach to the control of cattle feeding installations. NIAE Departmental Note DN-LC-994-04027, Silsoe: NIAE 19pp.

- TURNER, M. J. B., FILBY, D. E., ECOTT, D., CROWTHER, J.
(1972) Automation of group feeding systems for dairy cattle Part 3. The feeding phase, automatic sequence controller and emergency manually operated system at Bridgets E. H. F. NIAE Departmental Note DN/C/230/1015, Silsoe: NIAE 25pp, figs.
- TURNER, M. J. B., GURNEY, P., BENSON, J. A., CROWTHER, J. S. W.
(1981) Automatic weighing of broilers - investigation into perch design. NIAE Departmental Note DN-LC-1031-04027, Silsoe: NIAE 24pp.
- TURNER, M. J. B., SMITH, R. A.
(1972) An automatic handling crate for pigs. NIAE Departmental Note DN/C/231/1015, Silsoe: NIAE 13pp, figs.
- TURNER, M. J. B., SMITH, R. A.
(1972) A brief exercise in computer pig-weighing. NIAE Departmental Note DN/C/270/1015, Silsoe: NIAE 6pp, Figs.
- TURNER, M. J. B., SMITH, R. A.
(1972) An electronic weighing unit for livestock employing stable period detection techniques. NIAE Departmental Note DN/C/312/1018, Silsoe: NIAE 7pp, Figs.
- TURNER, M. J. B., SMITH, R. A.
(1974) Semi-automatic handling and weighing units for pigs. NIAE Departmental Note DN-C-523-1018, Silsoe: NIAE 13pp. Figs.
- UNDERDOWN, P. J., HANBURY, L. F., MAUGHAN, G. L. (1958) Trial of a prototype 2-row PTO-driven thinner embodying a simple belt drive to the units. NIAE Departmental Note DN-100-ATD, Silsoe: NIAE 6pp.
- UNDERDOWN, P. J., MAUGHAN, G. L.
(1956) Acceptable trial of the NIAE 4- to 6-row thinner. NIAE Departmental Note DN-84-ATD, Silsoe: NIAE 3pp.
- WALKER, J. N.
(1974) Air distribution from an experimental free-discharge unit heater. NIAE Departmental Note DN/G/355/2101, Silsoe: NIAE 11pp.
- WARNER, M. G. R.
(1972) The feasibility of automatic sorting of fruit and vegetables. NIAE Departmental Note DN/C/225/1000, Silsoe: NIAE 16pp.
- WARNER, M. G. R.
(1974) Detection of stray metal in the field. NIAE Departmental Note DN-C-524-1014, Silsoe: NIAE 5pp.
- WARNER, M. G. R., FILBY, D. E.
(1971) High frequency amplitude modulation of a light beam for optical ranging. NIAE Departmental Note DN-CI-130-1005, Silsoe: NIAE 10pp. Figs.
- WAYMAN, J. A.
(1962) Trial of the Mark I 'Roll-back' beet bucket attachment for a tractor front-loader. NIAE Departmental Note DN-143-RC-CD, Silsoe: NIAE 6pp.
- WAYMAN, J. A.
(1971) An investigation into the variations in sugar beet root and crown dimensions with regard to the design of mechanical topping units, 1970. NIAE Departmental Note DN-R-141-1600, Silsoe: NIAE 7pp. Figs.
- WAYMAN, J. A.
(1972) The effects of variations in mass, spring pressure, and viscous damping, on the performance of a sugar beet topper of lightweight design, 1970. NIAE Departmental Note DN-R-142-1600, Silsoe: NIAE 29pp. Figs.
- WAYMAN, J. A.
(1972) Laboratory experiments to assess the performance of a lightweight sugar beet topper, restrained by springs and viscous damping, over various beet stands, Part 1, 1971. NIAE Departmental Note DN/R/239/1600, Silsoe: NIAE 28pp, figs.
- WAYMAN, J. A.
(1972) The effect on sugar beet top tares of varying the vertical distance between the knife and feeler wheel on a sugar beet topping unit, 1971. NIAE Departmental Note DN/R/240/1600, Silsoe: NIAE 11pp. figs.
- WAYMAN, J. A.
(1972) The effect on sugar beet top tares of varying the horizontal distance between the knife and feeler wheel centre on a sugar beet topping unit, 1971. NIAE Departmental Note DN/R/244/1600, Silsoe: NIAE 6pp, figs.
- WAYMAN, J. A.
(1972) The effect on sugar beet crowns of force applied vertically to the feeler wheels of two topping units, 1971. NIAE Departmental Note DN/R/259/1600, Silsoe: NIAE 8pp, figs.
- WAYMAN, J. A.
(1973) The effect of force applied horizontally to sugar beet crowns, 1971. NIAE Departmental Note DN/R/261/1600, Silsoe: NIAE 8pp, figs.
- WAYMAN, J. A.
(1973) Measurements of the forces acting on the knife of a sugar beet topping unit, 1971. NIAE Departmental Note DN/R/264/1600, Silsoe: NIAE 9pp.

- WAYMAN, J. A.
(1973) The effect of speed, and restraint by springs and viscous damping, on the performance of a sugar beet topper, 1971. NIAE Departmental Note DN/R/265/1600, Silsoe: NIAE 13pp, figs.
- WAYMAN, J. A.
(1973) Experiments to assess the effect of using a sugar beet topping unit misaligned with the row, 1972. NIAE Departmental Note DN/R/348/1600, Silsoe: NIAE 6pp, Figs.
- WAYMAN, J. A.
(1974) Field experiments to assess the performance of an experimental lightweight sugar beet topper, 1973. NIAE Departmental Note DN/R/460/1600, Silsoe: NIAE 7pp, Figs.
- WAYMAN, J. A.
(1975) Field experiments to assess the performance of the Mark 1 NIAE experimental lightweight sugar beet topper. NIAE Departmental Note DN/R/366/1600, Silsoe: NIAE 14pp, Figs.
- WAYMAN, J. A.
(1976) Field experiments to assess the performance of the Mark II N.I.A.E. experimental lightweight sugar beet topper. NIAE Departmental Note DN/R/461/1600, Silsoe: NIAE 11pp.
- WAYMAN, J. A.
(1976) Field trials of design variations of the prototype NIAE lightweight sugar beet topper, 1974. NIAE Departmental Note DN-R-632-1600, Silsoe: NIAE 13pp.
- WAYMAN, J. A.
(1976) Further studies of the effect of force applied horizontally to beet crowns, 1973. NIAE Departmental Note DN-R-642-1600, Silsoe: NIAE 17pp.
- WAYMAN, J. A.
(1980) Field and laboratory experiments to assess the life, rate of cut, and power requirements of various brush fillers used to top sugar beet, 1979. NIAE Departmental Note DN-FV-896-06001, Silsoe: NIAE 14pp.
- WAYMAN, J. A., BROWN, F. R.
(1981) Report to Sugar Beet Research and Education Committee for year ended, 31st March, 1980. NIAE Departmental Note DN-FV-1011-06001, Silsoe: NIAE 15pp.
- WAYMAN, J. A., GIBBONS, C. E., O'DOGHERTY, M. J.
(1972) A comparison of topper movement over growing beet with that obtained on a laboratory rig. NIAE Departmental Note DN/R/262/1600, Silsoe: NIAE 7pp, figs.
- WAYMAN, J. A. HAMILTON, R. J.
(1977) A laboratory study of the use of rotating wire brushes to top sugar beet, 1977. NIAE Departmental Note DN-R-837-06001, Silsoe: NIAE 21pp.
- WAYMAN, J. A., HAMILTON, R. J.
(1979) Field trials using a sugar beet topper with a knife linkage to compensate for variations in beet size, 1977. NIAE Departmental Note DN-R-890-06001, Silsoe: NIAE
- WAYMAN, J. A., HAMILTON, R. J.
(1979) Field trials using rotating wire brushes to top sugar beet, 1977/78. NIAE Departmental Note DN-R-889-06001, Silsoe: NIAE 20pp. 13pp.
- WAYMAN, J. A., HAMILTON, R. J.
(1979) Sugar beet topping using various knife profiles 1977. NIAE Departmental Note DN-R-891-06001, Silsoe: NIAE 17pp.
- WAYMAN, J. A., MAUGHAN, G. L.
(1957) Trial of Van Krijnen Sugar Beet Lifter, 1956. NIAE Departmental Note DN-88-ATD, Silsoe: NIAE 6pp.
- WAYMAN, J. A., MAUGHAN, G. L.
(1959) Sugar beet handling: Study of the use of tractor front loader for sugar beet. NIAE Departmental Note DN-107-ATD, Silsoe: NIAE 6pp.
- WAYMAN, J. A., MAUGHAN, G. L.
(1959) Sugar beet handling: study of the net and pole technique of handling sugar beet. NIAE Departmental Note DN-108-ATD, Silsoe: NIAE 6pp.
- WAYMAN, J. A., MAUGHAN, G. L.
(1960) An investigation into the effects of soil compression on sugar beet dirt tares, 1957. NIAE Departmental Note DN-92-ATD, Silsoe: NIAE 4pp.
- WAYMAN, J. A., MAUGHAN, G. L.
(1960) An investigation into the effects of soil compression on sugar beet dirt tares, 1958. NIAE Departmental Note DN-111-ATD, Silsoe: NIAE 4pp.
- WAYMAN, J. A., MAUGHAN, G. L.
(1960) Notes on the performance of the John Salmon Sugar Beet Cleaner/ Elevator during the 1959 beet harvesting period. NIAE Departmental Note DN-116-ATD, Silsoe: NIAE 7pp.
- WAYMAN, J. A., MAUGHAN, G. L.
(1960) Beet handling: a study of dirt tares following loading into road vehicles 1959. NIAE Departmental Note DN-117-ATD, Silsoe: NIAE 7pp.
- WAYMAN, J. A., MAUGHAN, G. L.
(1960) An investigation into the effects of soil compression on sugar beet dirt tares, 1959. NIAE

Departmental Note DN-125-ATD, Silsoe: NIAE 4pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1961) An investigation into the effects of soil compression on sugar beet dirt tares, 1960. NIAE Departmental Note DN-132-ATD, Silsoe: NIAE 4pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1961) Beet handling: A study of dirt tares following loading into road vehicles, 1960. NIAE Departmental Note DN-133-ATD, Silsoe: NIAE 6pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1961) The effect of soil compression by tractor wheels on sugar beet dirt tare. NIAE Departmental Note DN-142-RC-CD, Silsoe: NIAE 5pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1962) Beet handling: a study of dirt tares following loading into road vehicles, 1959-1961. NIAE Departmental Note DN-145-CD, Silsoe: NIAE 5pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1962) A comparison of the beet cleaning efficiency of two types of cleaner/loader, 1961. NIAE Departmental Note DN-152-CD, Silsoe: NIAE 2pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1962) The effect of soil compression by tractor wheels on sugar beet dirt tares, 1961. NIAE Departmental Note DN-153-CD, Silsoe: NIAE 4pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1963) An experiment to study the effect of soil compression by tractor wheels on sugar beet dirt tares, BSC/NIAE 1962. NIAE Departmental Note DN-159-CD, Silsoe: NIAE 7pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1963) Field Trials of the Mark II Roll 'Back'beet bucket. NIAE Departmental Note DN-164-CD, Silsoe: NIAE 8pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1964) An experiment to study the effect of soil compression by tractor wheels on sugar beet dirt tares, BSC/NIAE 1963. NIAE Departmental Note DN-177-CD, Silsoe: NIAE 7pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1965) An experiment to study the effect of soil compression by tractor wheels on sugar beet dirt tares, BSC/NIAE 1964. NIAE Departmental Note DN-180-CD, Silsoe: NIAE 7pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1965) An experiment to investigate some of

the problems in mechanization associated with the cultivation of potatoes in beds, 1963. NIAE Departmental Note DN-192-CD, Silsoe: NIAE 22pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1965) An experiment to investigate some of the problems in mechanization associated with the cultivation of potatoes on a semi-bed system, 1964. NIAE Departmental Note DN-194-CD, Silsoe: NIAE 20pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1966) An experiment to investigate some of the problems in mechanization associated with the cultivation of potatoes on a semi-bed system, 1965. NIAE Departmental Note DN-200-CD, Silsoe: NIAE 20pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1966) An observation trial to compare a rotary ridger with a mouldboard ridger in potatoes at Wrest Park, 1965. NIAE Departmental Note DN-209-CD, Silsoe: NIAE 8pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1966) An investigation into the effects of speed and plant distribution on mechanical topping of sugar beet, 1965. NIAE Departmental Note DN-214-CD, Silsoe: NIAE 11pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1967) Mechanized potato production: The effect of ridging treatments on mechanical harvesting, 1966. NIAE Departmental Note DN-215-CD, Silsoe: NIAE 12pp.

WAYMAN, J. A., MAUGHAN, G. L.
(1967) An investigation into the effects of speed and plant distribution on the mechanical topping of sugar beet, 1966. NIAE Departmental Note DN-219-CD, Silsoe: NIAE 11pp.

WAYMAN, J. A., O'DOHERTY, M. J.
(1970) The effects of toppler unit modifications, plant distribution and harvester speed, on sugar beet top tares, 1969. NIAE Departmental Note DN R 028 1600, Silsoe: NIAE 27pp Plates.

WAYMAN, J. A., O'DOHERTY, M. J.
(1976) BSC and NIAE trials with lightweight sugar beet toppers, 1975. NIAE Departmental Note DN-R-698-1600, Silsoe: NIAE 27pp.

WEAVING, G. S.
(1975) An infra-red radiometer for measuring surface temperature. NIAE Departmental Note DN/C/464/1020,

WEAVING, G. S.
(1976) A method of measuring the thermal transmittance of insulated agricultural buildings. NIAE Departmental Note DN-G-683-2106, Silsoe: NIAE 10pp. Silsoe: NIAE 4pp, Figs.

- WEAVING, G. S.
(1977) An inflated plastic roof greenhouse for reducing heat losses. NIAE Departmental Note DN-G-575-1024, Silsoe: NIAE 23pp.
- WEAVING, G. S., HUGHES, M.
(1979) The monitoring and control of nutrient solutions in a nutrient film culture system. NIAE Departmental Note DN-G-869-04020, Silsoe: NIAE 20pp.
- WELLS, D. A.
(1972) Wind loading of glasshouses: A progress report. Departmental Note (DN/G/296/2301), National Institute of Agricultural Engineering, Silsoe, 5pp.
- WELLS, D. A.
(1979) The estimation of values of internal pressure coefficient for use in the design of glasshouses. NIAE Departmental Note DN-G-898-04024, Silsoe: NIAE 5pp.
- WELLS, D. A., DAWSON, J. R.
(1971) Glasshouse wind loading: Determination of the mean pane pressure. NIAE Departmental Note DN-G-131-2301, Silsoe: NIAE 7pp. Fig.
- WELLS, D. A., HOXEY, R. P.
(1972) Instrumentation for full-scale wind load measurements on glasshouses. Departmental Note (DN/G/277/2301), National Institute of Agricultural Engineering, Silsoe, 11pp.
- WELLS, D. A., HOXEY, R. P.
(1976) Full-scale wind pressure and load measurements: multi-span 22.4 x 63.0 m (VENLO) glasshouse. NIAE Departmental Note DN-G-681-2301, Silsoe: NIAE 10pp.
- WELLS, D. A., HOXEY, R. P.
(1977) Full-scale wind pressure and load experiments - Twin-span 25.6 x 39.6 m glasshouse. NIAE Departmental Note DN-G-781-2301, Silsoe: NIAE 8pp.
- WELLS, D. A., MORAN, P.
(1979) Full-scale experiments to determine the influence of building geometry on wind loads under transverse winds. NIAE Departmental Note DN-G-951-04024, Silsoe; NIAE 8pp.
- WHEELER, J. A.
(1970) Efford Brussels Sprout Experiment 1969-70, Report on losses and work measurement data. NIAE Departmental Note DN-SY-35-70, Silsoe: NIAE 25pp.
- WHEELER, J. A.
(1975) A mathematical model evaluation of a pig slurry treatment with fibre and sludge separation, a biological filtration tower and liquid evaporation. Part I. The effect of weather. NIAE Departmental Note DN-SY-560-1958, Silsoe, NIAE 13pp.
- WHEELER, J. A.
(1975) A mathematical model evaluation of pig slurry treatment with fibre and sludge separation, a biological filtration tower and liquid evaporation. Part II. The effect of variation in separator efficiency, wetted surface area, etc. NIAE Departmental Note DN-SY-582-1958, Silsoe: NIAE 26pp.
- WHEELER, J. A., AUDSLEY, E.
(1980) A plant growth model to study the effects on yield of irrigation and soil compaction. NIAE Departmental Note DN-OR-1026-11015, Silsoe: NIAE 17pp.
- WHEELER, J. A., AUDSLEY, E.
(1976) Comparing systems for the disposal of pig manure. NIAE Departmental Note DN-SY-663-1958, Silsoe: NIAE 25pp.
- WHEELER, J. A., PRICE, M. L. R.
(1978) Experiments to find the relationship between sugar beet weight, dimensions and plant spacing. NIAE Departmental Note DN-SY-882-11014, Silsoe: NIAE 10pp.
- WILLIAMSON, D. A.
(1969) The aeration of farm slurries. Part I. Preliminary studies. Departmental Note (DN/FB/13/69), National Institute of Agricultural Engineering, Silsoe. 7pp
- WILSON, J. M.
(1980) Seed metering by pneumatic methods: I. Initial results from an experimental rig using pelleted sugar beet seed. NIAE Departmental Note DN-R-970-06002-3, Silsoe: NIAE 20pp.
- WILSON, J. M., MACFARLANE, N. A. C.
(1979) A practical investigation to find the optimum release point of the NIAE Two-stage drill. NIAE Departmental Note DN-R-940-06002-3, Silsoe: NIAE 9pp.
- WILSON, J. M., RICHARDSON, P.
(1976) A theoretical study of seed release from precision seed drills. NIAE Departmental Note DN-R-726-1605, Silsoe: NIAE 24pp.
- WINSPEAR, K. W.
(1974) The design of perforated air ducts for glasshouse heating. NIAE Departmental Note DN/G/396/2101, Silsoe: NIAE 18pp.
- WOLFE, J. S., COTTON, R. F.
(1975) Temperatures in a fan ventilated multi-span glasshouse. NIAE Departmental Note DN-G-587-2102, Silsoe NIAE 14pp.
- WOLFE, J. S., COTTON, R. F.
(1975) Air movement in a fan-ventilated glasshouse with various inlet arrangements.

NIAE Departmental Note DN-G-649-2102,
Silsoe: NIAE 21pp.

WOLFE, J. S., COTTON, R. F.

(1976) Temperature distribution and heat balance related to patterns of air movement in a fan-ventilated glasshouse. NIAE Departmental Note DN-G-751-2102, Silsoe: NIAE 21pp.

WOLFE, J. S., COTTON, R. F.

(1976) Investigations of simple methods of measuring fan air flow and of some factors influencing fan performance. NIAE Departmental Note DN/G/360/2102, Silsoe: NIAE 16pp.

WOLFE, J. S., COTTON, R. F.,
WINSPEAR, K. W.

(1972) Temperatures in greenhouses with fan ventilation. NIAE Departmental Note DN/G/222/2102, Silsoe: NIAE 12pp. figs.

WOLFE, J. S., WINSPEAR, K. W.,
COTTON, R. F.

(1972) Studies of air flow in glasshouses with fan ventilation. NIAE Departmental Note DN/G/223/2102, Silsoe: NIAE 18pp, figs.

WOOD, G. M.

(1975) Field evaluation of an opto-electronic guidance system for a tractor - 1975. NIAE Departmental Note DN-FC-629-1005, Silsoe: NIAE 9pp.

WOOD, G. M., BIGGAR, G. W.

(1975) The development and evaluation of experimental equipment for simultaneous mowing and conditioning - Phase 1973. NIAE Departmental Note DN-FC-571-1355, Silsoe: NIAE 25pp.

WOOD, G. M., BIGGAR, G.W., KLINNER, W.E.

(1973) The development and evaluation of experimental equipment for simultaneous mowing and crop conditioning - phase 1972. NIAE Departmental Note DN-FC-374-1355, Silsoe: NIAE 53pp, Figs.

WOOD, G. M., MAUGHAN, G. L.

(1955) Harvesting of irregularly spaced crops of sugar beet (BSC/NIAE 1954). NIAE Departmental Note DN-48, Silsoe: NIAE 28pp.

WOOD, G. M., MAUGHAN, G. L.

(1956) Down-the-row thinning of swedes, Silsoe, 1953. NIAE Departmental Note DN-83-ATD, Silsoe: NIAE 16pp.

WOOD, G. M., MAUGHAN, G. L.

(1958) Down-the-row thinning of sugar beet - comparison of a mechanically-thinned crop with a hand-singled one over three successive years (1954, 1955 and 1956). NIAE Departmental Note DN-96-ATD, Silsoe: NIAE 8pp

WOOD, G. M., MAUGHAN, G. L.

(1961) An experiment to study the effect of the stage of trimming mechanically-thinned sugar beet BSC/NIAE 1960. NIAE Departmental Note DN-131-ATD, Silsoe: NIAE 14pp.

WOOD, G. M., MAUGHAN, G. L.

(1962) An experiment to study the effect of the stage of trimming mechanically thinned sugar beet BSC/NIAE 1961. NIAE Departmental Note DN-141-CD, Silsoe: NIAE 20pp.

WOOD, G. M., MAUGHAN, G. L.

(1963) An experiment to study the effect of the stage of trimming mechanically thinned sugar beet BSC/NIAE 1962. NIAE Departmental Note DN-163-CD, Silsoe: NIAE, 15pp.

WOOD, G. M., MAUGHAN, G. L.

(1964) A preliminary investigation of the effects of elevator chain pitch on losses and dirt tares in sugar beet. NIAE Departmental Note DN-178-CD, Silsoe: NIAE. 6pp.

WOOD, G. M., MAUGHAN, G. L.

(1965) Hand-singling survey, York 1964. NIAE Departmental Note DN-185-CD, Silsoe: NIAE 4pp.

WOOD, G. M., MAUGHAN, G. L.

(1965) Hand-singling survey - York, 1965. NIAE Departmental Note DN-207-CD, Silsoe: NIAE, 5pp.

WOOD, G. M., MAUGHAN, G. L.

(1965) An investigation into the effect of elevator chain pitch on losses and dirt tares in sugar beet. NIAE Departmental Note DN-188-CD, Silsoe: NIAE 11pp.

WOOD, G. M., MAUGHAN, G. L.

(1966) An investigation into the effect of elevator chain pitch on losses and dirt tares in sugar beet. NIAE Departmental Note DN-202-CD, Silsoe: NIAE 10pp.

WOOD, G. M., TUCK, C. R.

(1976) The development and evaluation of experimental equipment for simultaneous mowing and conditioning - phase 1974. NIAE Departmental Note DN-FC-664-1355, Silsoe: NIAE 23pp.

WOOLDRIDGE, A. B.

(1972) Harvesting dessert apples mechanically - an analysis of published work and prospects. NIAE Departmental Note DN/MH/285/1810, Silsoe: NIAE 22pp.