

**BERKSHIRE SOWS.**

LOT.

**33—Brownie**, about three months old, from the Royal Norfolk Farm. Purchased from Her Majesty the Queen.

**34—Merry Pig of Windsor**, about three months old, raised at the Royal Norfolk Farm. Purchased from Her Majesty the Queen.

**35—Stesta**, about two months old, raised at the Royal Norfolk Farm, Windsor. Purchased from Her Majesty the Queen.

**36—Lady Betty**, about two months old, raised at the Royal Norfolk Farm, Windsor. Purchased from Her Majesty the Queen.

**COTSWOLD RAMS AND RAM LAMBS.**

**37—Cotswold Ram**, one year old, raised by and purchased from H. Cole, Esq., Cirencester, Gloucestershire, whose old established Cotswold Flock is everywhere well-known as one of the best in England.

**38—Cotswold Ram**, one year old, raised by and purchased from H. Cole, Esq., Cirencester, Gloucestershire.

**39—Cotswold Ram Lamb**, from Flock of H. Cole, Esq., Cirencester, Gloucestershire.

**40—Cotswold Ram Lamb**, from Flock of H. Cole, Esq., Cirencester, Gloucestershire.

**41—Cotswold Ram Lamb**, from Flock of H. Cole, Esq., Cirencester, Gloucestershire.

**42—Cotswold Ram Lamb**, from Flock of H. Cole, Esq., Cirencester, Gloucestershire.

**43—Cotswold Ram Lamb**, from Flock of H. Cole, Esq., Cirencester, Gloucestershire.

**COTSWOLD EWES.**

**44—Cotswold Ewe**, one year old, from Flock of H. Cole, Esq., Cirencester, Gloucestershire.

**45—Cotswold Ewe**, one year old, from Flock of H. Cole, Esq., Cirencester, Gloucestershire.

**46—Cotswold Ewe**, one year old, from Flock of H. Cole, Esq., Cirencester, Gloucestershire.

**47—Cotswold Ewe**, one year old, from Flock of H. Cole, Esq., Cirencester, Gloucestershire.

**48—Cotswold Ewe**, one year old, from Flock of H. Cole, Esq., Cirencester, Gloucestershire.

The following COTSWOLD RAMS AND EWES are the property of W. J. Lewis, Esq., and are offered for sale by the owner :

**49—Cotswold Ram**, imported from Canada and bred from the flocks of Lane & Garne, Gloucestershire, England.

**50—Cotswold Ram Lamb** from the preceding and an imported Ewe.

**51—Cotswold Ewe** (imported by the Board from Western Canada, and purchased by Mr. Lewis).

**SOUTHDOWN RAM LAMBS.**

**52—Southdown Ram Lamb**, raised by and purchased from the Right Honorable the Earl of Bathurst.

**53—Southdown Ram Lamb**, raised by and purchased from the Right Honorable the Earl of Bathurst.

**54—Southdown Ram Lamb**, raised by and purchased from the Right Honorable the Earl of Bathurst.

**MEAT-PRODUCT PER ACRE.**

Mr. J. J. Mechi, one of the leading scientific farmers of England, considers meat-making one of the main points of his agricultural success. He regards it as an essential point in good farming, to make meat and manure in summer as well as in winter. This, however, cannot be done without shelter for animals, combined with good ventilation to protect them from flies and other insects; with proper provision for this necessity, he has succeeded in putting on both growth and fat in summer-time. He acknowledges that there is no profit in feeding stock at market prices, but where a farmer has sufficient capital and knows how to use it, he will find stock-feeding profitable, on account of its sure product of the best and cheapest manure he can obtain. Mr. Mechi finds his margin of profit in the very large grain, root, and green crops which he is thus able to raise at a cost below market-prices. He gives the following balance-sheet of his live stock operations for 1874 on his farm of 175 acres at Tiptree :

January 1, 1874 :	
Value of live-stock, including poultry.....	£737 19 0
Corn and hay, the produce of the farm, consumed during the year, estimated at market-prices.....	177 5 5
Corn, oil-cake, malt, culms, bran, &c., purchased.....	431 5 3
Grinding corn, medicines, veterinary, &c.....	21 0 0
Live-stock purchased during the year.....	239 8 6
Green and root crops of 25 acres raised and consumed.....	88 6 2
<b>Total.....</b>	<b>1,695 3 11</b>
January 1, 1875 :	
Value of live-stock, including poultry.....	£926 2 0
Fat meat sold.....	691 19 2
Wool sold.....	43 14 10
Poultry sold.....	33 7 11
<b>Total.....</b>	<b>1,695 3 11</b>

The increase in value of the live-stock and poultry at the end of the year was £188 3s., or £51 5s. 6d. less than the amount paid for new animals during the year. This deficit shows the extent to which the whole live-stock value, old and new, was reduced, and must be deducted from the aggregate sales to show the net meat-product of the year. This will leave £684 8s. 6d., which, at 9d. per pound, gives an average of 104 pounds of meat per acre, worth £3 18s. The total cost of feed, including produce raised on the farm and purchased from without, amounts to £717 16s. 5d., from which deducting the wool sold, £43 14s. 10d., there remains £674 1s. 7d., or £3 16s. 4½d. per acre as the actual cost of production, leaving a margin of only 1s. 7½d. per acre to pay for labor and attendance, which is estimated at £100 in the aggregate, or 11s. 5d. per acre. Mr. Mechi's profit, then, must have been in the raising of his home crops, and in the fertilizing elements added to his land by his abundant produce of manure.

**Nova Scotia Agricultural Implement Factory,**

**PICTOU, N. S.,**

**J. D MERRIMAN,**

MANUFACTURER OF

Turnip or Root Cutters, Seed Sowers, Hay & Straw Cutters,  
**THRESHING MACHINES,**

Two Sizes—one an IMPROVED THRESHER, SHAKER AND CLEANER COMBINED, (American Patent); the other a TWO HORSE MACHINE, suitable for a Farmer's own use—both highly recommended.

ALSO—OWNERS OF THE PATENT FOR NOVA SCOTIA OF THE  
**CELEBRATED CALIFORNIA**

**GRAIN & SEED CLEANER,**

The most complete machine ever offered for this purpose, thoroughly separating every class of seed or grain from each other. Patented Jan'y 3rd, 1873.

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