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the agency of this wealth. The leaf does it all.
It has been demonstrated that every square inch of

the agency of this wealth. The leaf does it all.

It has been demonstrated that every square inch of leaf lifts 3-500ths of an onace every 24 hours. Now a large forest tree has about five acres of foliage, or 6,272.640 square inches. This being multiplied by 3-500ths (the amount pumped by every inch) gives up the result—37,635 ounces, or 4.704 pints, or 2,552 quarts, or 18 barrels. The trees on one acre give 500 barrels in 24 hours. An acre of grass, or clover, or grain, would yield about the same result.

The leaf is a worker, too, in another field where we seldom look—where it works for the good of man in a wenderful manner. It carries immense quantities of electricity from the earth to the clouds and from the clouds to the earth. Rather dangerous business transporting lightning, but it is particularly fitted for the work. Did you ever see a leaf entire as to its edges? It is always pointed, and these points, whether they be large or small, are just fitted to handle this dangerous agent. These tiny lingers seize upon and carry it away with case and wonderful dispatch. There must be no delay: it is "time freight." True, sometim s it gathers up more than the trunk can carry, and in the attempt to crowd and pack the baggage the trunk gets terribly shattered, and we say that lightning struck the tree. But it had been struck a thousand times before. This time it was overworked.—American Entomologist.

MR. J. R. MARTIN'S FIRST ANNUAL SALE took place at his farm, Clareville, Cayuga, on the 21st inst. The day proved a very wet one; however, some 400 persons were present, and about 25 rams and ram lambs were sold at prices from \$21 to \$10 and rain lambs were sold at prices from \$25 to \$10 each; also about 100 ewes and owe lambs at prices of from \$25 to \$10 per pair. The Durham cattle and high-bred grades, owing to the shortness of the time and badness of the weather, were not even reached, and they and some 30 Cotswold ewes remain on hand for the present at points call. for the present, at private sale. Due notice will be given in these columns and the local press of the next sale, which will be in the course of the coming season.

GOOD COTSWOLD FLEECES. - The Rural New-Yorker notes the product of six yearling Cotswold fleeces, belonging to Mr. Jacob Flich, of Chyahoga Co., O., which produced this season an aggregate of reventy-seven and one-fourth pounds of wool, unwashed but seven and one-tourth pounds of wood, unwashed but not dirty; this is an average of twelve pounds and fourteen ounces per fleece. One three-year-old ram gave eighteen pounds three onness of very handsome wood. These sheep were shorn on the 13th of May.

A rather remarkable case came up lately before the A rather remarkable case came up lately before the Sherilf of Perthshire. A farmer near Auchterarder had sold a cow to a person maned Perth, and the buyer summoned the farmer in order to recover damages, seeing that he had given false information about the cow. "I asked him," said the plaintiff, "if sho was a good milker." "And what was his reply?" He said, "She'll astonish you!" "I took the cow home, but she has not a single drop of milk." "Well," said the Sherilf, "I rather think she did astonish you." vou.

Horse-Sportso Competition.-Land and Water says: "At the Staffordshire Agricultural Society's meeting, at Newcastle, a new feature was introduced in a competition in horse-shocing by smiths, for prizes offered by Captain Edwards-Heathcote. Each competitor had to thad his own iron, tools and nails, and was allowed the assistance of a striker. He had and was allowed the assistance of a striker. He had to forge two shoes out of old pelt, to take shoes off the forefect of the horse allotted to him, dress and fit the new shoes on, and the judges were instructed to award the prizes to those who in a reasonable time, performed the work in the most skilful manner. A close competition resulted in the first prize going to Charles Smith, Newcastle, £5. Captain Heathcote is anxious to encourage skill in the shoeing of larges? ing of horses.

HUNGARIAN PIGS.—The London Field, in noticing some Hungarian pigashown at the Vienna Exposition, says they attracted great attention on account of their extraordinary size: "One measures 3 ft. 6 in.