

an 2,000 missionaries in the | Agriculture and Horticulture

L. J. MECHL.

food. No doubt they obtain oxygen by their roots and carbon by their leaves to form internal combus-

Many sandy soils require draining when their owners little imagine the cause of their interior crops, and how if these sands or silts rest on an impervious basis of hard gravel or solid clay, the capillary power of the surface soil draws up the water most injuriously to the roots. This was found to be the case on one field on my farm, which was considered to be a hot dry field, but was found, on digging holes, to require draining. Sands most particularly require deep drainage, because their capillary powers will effectively counteract the operation of shallow drains. Many farmers know practically the difficulty of est-

There are very few lands on which the drains cannot be placed four feet deep, where there is the desire to cut deep drains. For instance, suppose a field is basin shaped, or higher at the sides than in the centre, the drains could be carried with the fall to the centre of the field, and there fall into a main drain, carried through the higher parts of the field by a deep cutting, to some distant point of fall, or to a deep well or swallow hole.

In deep drains there is no danger of pipes decaying.

because the temperature is nearly uniform, seldom
varying ten degrees, and of course never touching the
extremes of winter frost or summer heat.

I. J. Mæcht.

Bankrupts, &c.

BANKRUPTS.

(From Tuesday's Gazette, October 14, 1845.)

Robert J. Chapman, Chap-dam, Surrey, market-gardener

James C. Smith, Williams, of 6, Clement-street, Lombard-street, City, master, mariner—Thomas Ashworth and Thomas Ashworth, of 10, St. James-street, City, mariner—Thomas Ashworth, of 10, St. James-street, City, mariner—Henry George Gibson, of Newbridge, Gloucestershire, wood broker.

DIVIDENDS DECLARED.

John Scott, of Birmingham, gun maker, great dividend of 40d. in the pound, payable, at 72, George-street, Manchester, October 28, and every following Tuesday.

William Jones, of Aston, Middlesex, gruer, first dividend of 7d. in the pound, payable at 15, Old Jewry, October 15, and every following Wednesday.

James Hutton, of New River Supply, canal second

dividend of 9d. in the pound, payable at 13, Old Jewry,
 October 15, and two following Wednesdays.
 DIVIDENDS TO BE DECLARED.
At the Court of Bankruptcy, London.
 James Poulton, of Goring, Sussex, farmer, November 5,
 Half-past 12—James Murray, of Old Fish-street-hill,
 near Thames-street, stationer, November 4, at one-
 o'clock Eastwood, of Brighton, grocer, November 6, at
 seven.
 DEBENTURES to be granted by the Court of Review, unless
 shown to the contrary, on or before November 4.
 John Burdett, of Leeds, Woollen, Warehouse, mat-
 ter—James Mather, of Old Jewry, Banker—Hunt

Thomas Walker, of Eaton Square, Bedfordshire, innkeeper
Thomas Eastwood, of Brighton, Sussex, grocer
Thomas Angston, of Manchester, share broker—John Brain, of
Winchester-place, and late of Holford-square, Penton-
ville, carpet-laid dealer—John Smith, of St. Dunstons,
City, shipbroker.

In the Country.

John Wood, of Carling, Gloucestershire, banker, November
6, at eleven, at the Court of Bankruptcy, Bankruptcy
Court, Holbourn, of Manchester, woollen cloth manufac-
turer, November 6, at twelve, at the Court of Bankruptcy,
Manchester—John and Elizabeth Fisher, of Maghull, Lan-
shire, wine merchants, November 4, at twelve, at the

Court of Bankruptcy, Liverpool—James Spencer, of Den-
 bury, Cane, Yorkshire, vessel plate manufacturer, No-
 vember 18, at eleven, at the Court of Bankruptcy, Bir-
 mingham—Hansfield, of Lincoln, ironmonger, v, November 11,
 eleven, at the Court of Bankruptcy, Leeds—Tom Walter
 green, of Leeds, bookseller, November 11, at eleven, at
 the Court of Bankruptcy, Leeds—Thomas Smallwood, of
 Birmingham, greaser, November 6, at eleven, at the Court
 of Bankruptcy, Birmingham—James Harris, of Birmingham,
 card manufacturer, November 6, at eleven, at the
 Court of Bankruptcy, Birmingham—Benjamin S. Jones,
 Wreckardine-wood, Shropshire, greaser, November 6,
 halfpast twelve, at the Court of Bankruptcy, Bir-
 mingham—William Henry Bates, of Birmingham, factor, No-

James Edward Smith, of Broad-court, Bow-street, Co. Louth, victualer, garden, victualer, November 5—Charles Jones, of the stock, Buckinghamshire, gate-man, November 4—William Herring, Herefordshire, cattle dealer, November 5, at half-past eleven, at the Court of Bankruptcy, Birmingham—James Kemmett, of Little Aston, Herefordshire, cattle dealer, November 5, at half-past eleven, at the Court of Bankruptcy, Birmingham—William Herring and William Herring, of Newcastle-upon-Tyne, November 5, at half-past eleven, at the Court of Bankruptcy, Newcastle-upon-Tyne.

CERTIFICATES to be granted, unless cause be shown to the contrary on the day of meeting.

James Edward Smith, of Broad-court, Bow-street, Co. Louth, victualer, garden, victualer, November 5—Charles Jones, of the stock, Buckinghamshire, gate-man, November 4—William Herring, Herefordshire, cattle dealer, November 5, at half-past eleven, at the Court of Bankruptcy, Birmingham—James Kemmett, of Little Aston, Herefordshire, cattle dealer, November 5, at half-past eleven, at the Court of Bankruptcy, Birmingham—William Herring and William Herring, of Newcastle-upon-Tyne, November 5, at half-past eleven, at the Court of Bankruptcy, Newcastle-upon-Tyne.

And Verry, of High-street, Kingsland, victualler, November 5—William Parsley, of Woolwich, Kent, baker, November 5—John Wainwright, of City, brewer, November 5—Thomas Clerk Smith and Richard Hayes, of 13, Henrietta-street, Covent garden, hotel keepers, November 4—Frederick West, of Southampton, boot-maker, November 3—John Reuben, of Cambridge, coach-builder, November 6—James Cousins Wilson, of Halsland, Essex, innkeeper, November 6—John White, of Warwick, innkeeper, November 6—John Wainwright, of 10, White-church-lane, London, cooper, November 4—George Darlington, of Durham, coalowner, November 4—John Wainwright Lornie, of Newcastle-upon-Tyne, bookseller, November 4—Ann Bree French, of Newcastle-upon-Tyne, hotel keeper, November 4—Joseph Curtis, of Liskeard, Corn-

PARTNERSHIPS DISCLOSED.
James Bleezy, Thos. Denton, and John Humphrey, partners in the firm of Bleezy, Denton & Humphrey, of Stroud, linen drapers (so far as regards John Humphrey's share)—Henry Collins and Thomas Walford, of Liverpool, tea dealers—William Ralph Buchanan and Henry Grainger, attorneys—Abraham Bass and R. Sweeting, of Burton upon Trent, staff and rifle, attorneys—James W. Gifford, of Glasgow, agent for the Glasgow and Carlisle, cabinet makers—Fred Farrar and George Ernest Lake, of 12, Goulston-street, partners, combers, attorneys—R. Davis Rea and Hugh Casement, of 95, Upper Thames-street, City, and Essex-street, Whitechapel, partners, cabinet makers.

businessmen—John Reeves Pomfret and Thomas
 Cressington, of Birmingham, curriers—Thomas Stamp
 and John Stamp, of London, drapers—John Wright
 and John Linwood, of Pontefract, linen drapers—
 William Marvin and James Marvin, of Hilperton, Wil-
 shire, bakers—Samuel F. Libbston and William Frederick
 Abbotts, n. of New York—Gerald Atkinson and John
 odd, of Liverpool—Charles Heering and John Bower-
 burst, of 177, High Holborn, linen importers—
 John Bowerburst, of 177, High Holborn, linen im-
 porters—Daniel Nash and Josiah Lambert, of Silfield,
 Herefordshire, farmers—John Sharp and J. Buntoff,
 of Boston, Lincolnshire, tanners—Edw. Martin and John
 Francis Power, of Cheltenham, wine merchants—John

PROLIFIC INCREASE.—At the usual season, a single potato was set, *vide*, in a field at Hlebbie-bridge, near Huddersfield, by John Turner, stone-mason; and during last week the produce was raised, when 22 lbs. of fine large potatoes were reaped. The sort was what is denominated "Farmer's glory," and the 'set' weighed 2 lbs. when planted. Had care been taken of the plant during growth, and the layers properly covered, it is believed the increase would have

been nearly twice as great.

A *Cymosotis*.—An ordinary earthenware dish, purchased at the Cambrian pottery, in this town, about sixteen months ago, by Williams, a tailor, residing in Gout street, has exhibited a considerable portion of porosity in the minds of some of our townspeople during the past week. It appears that a short time before a great number of small crystallized substances, having the appearance of flowers, or miniature mushrooms, were observed to grow out of the dish, breaking through the hard glazed surface. One or two of these grew to the extent of an inch, but were acci-

mentally broken. Others are now budding forth, covering nearly the whole surface of the dish. The taste is very similar to that of common salt. The oldest and most experienced individuals engaged in the manufactures of earthenware in this town do not remember witnessing such appearances on any previous occasion. A potter, who also keeps the Compass public-house in High-street, purchased the article from the original owner for £1 5s., and has issued bills announcing it for exhibition. The general impression in the upper region of our town is, that it is a "bewitched dish," but we are glad that chemists,

upon analysis, would be able to account for these curious appearances by the accidental presence of some chemical ingredient not usually found in the materials from which such articles are manufactured. — *Cambrid.*

ERUPTION OF MOUNT MECLA. — The *Hamburgische* of the 7th inst. contains the following communication from Copenhagen, under date of October 4th: — "The English journals have already stated that the largest of the Orkney isles was, during a violent storm from the north-west on the night of

the 2nd one, covered with fine ashes, resembling ground pumice-stone; and that it was thought they had been driven by the wind from Mount Hecla, Iceland, as similar appearances had been observed during several years. We now learn that on the same or the following night the crew of a vessel, bound to this port from Reikiavik, observed, whilst about eighteen English miles from land, volcanic flames on the southern coast of Iceland. On September 3rd two vessels near the Fæve Isles were also covered with ashes. According to letters which have been received since an earthquake occurred on the previous

day in the west, north, and east portions of the island. More recent intelligence has arrived from the southern part, and it appears that the eruption was during a violent one than any that had taken place there during the last sixty years. The latest accounts are of September 15. They confirm the intelligence of volcanic eruption in the southern part of the island on September 2nd, the first since the memorable one which occurred nineteen years ago. The extent of the fall of sand and ashes is not yet known, but it is ascertained that the populous districts adjacent to the volcano have not been seriously injured. ex-

that the grass plots near the mountains were destroyed."

