200	THE	CHRISTIAN MESSENGE
The Christian Messenger.	Agriculture.	not to be taken entirely off, unless there is a clear chance of the graft
HALIFAX, N. S., JUNE 23, 1875.   ALMANAC FOR JUNE.   New Moon, June 3rd, 6h. 6m. afternoon.   First Quarter, " 10th, 3h. 41m. afternoon.   Ful Moon, " 18th, 7h. 41m. afternoon.   Last Quarter, " 26th, 10h. 45m. morning.   Day SUN.   MOON. High Tiur.   W. 4 22, 7 33, 2 34, 9 38, 4 42 5 6   2 W 4 21, 7 34, 3 410 356 6 6 5 59   8 Th 4 21, 7 35, 4 38 A. 44 5 0 7 42   5 Sa 4 20, 7 36 5 43, 1 51, 9 57 8 30   6 SU. 4 20, 7 37, 7 0 2 54 100 48, 9 20   7 M 4 197, 38, 9 32, 4 431 1154 1 1   9 W 4 197, 38, 9 32, 4 431 154 1 1   9 W 4 197, 38, 9 32, 4 431 154 1 1   9 W 4 197, 38, 9 32, 4 431 154 1 1   9 W 4 197, 38, 9 32, 4 43 1 54   10 Th 4 197, 40, 156 6 54 0 55 0 48   12 Sa 4 187, 41 5 8 56 1 25 51   15 Ta 4 187, 42 5 11 9 39 1 47 47   16 W 4 187, 42 6 15 00 27 2 7 5 41 17 74   17 Th 4 187, 43 8 16 morn 3 17 7 9 19 18 2 4 56 8 25 11	KEEPING MANURE UNDER COVER. —When I moved out to this county fifteen years ago from North Carolina, I found a rich soil, seemingly unex- haustible, and I dropped at once into the exhausting system pursued by my neighbours. I raised and fattened some stock, but did not attach much value to the manure. As crops con- tinued annually to decrease to the acre, I began to use manure, and found it paid well for the trouble of saving and labour of spreading it. I found the more manure I used, the better filled was my barn. I have a shed attached to my barn on one side, and found that the manure from under this shed made its mark wherever it was put, largely increasing, if not absolutely doubling, on that part of the field crops of corn, oats, and wheat. I now take out my visitors over the farm, and on the grass fields they invariably ask the reason of the grass on that portion being more luxuriant than the rest. It can be shown to the very line. I observe some of your correspon- dents speak of manure under cover heating and becoming fire fanged.— They undertake to remedy this by leaving it in the open yard, exposed to rains and snows, and I have seen at some of my neighbours a stream of liquid manure, and which I have sup- posed was its very essence, flowing off	NUTS AND CHEESE promote diges- tion as a general rule; the conditions being that the nuts should be ripe and the cheese old, both to be eaten at the close of dinner; the digestive agent in both is a peculiar oil which has the property of acting chemically on what has been eaten, and thus preparing it for being the more easily appropriated to the purpose of nutrition. Many think that the more solid portions of the nut should not be swallowed. This is an error; those particles of solid matter are not digested, it is true they are passed through the system un changed and act as mechanical stimu lants to the action of the internal organs as white mustard seed swallowed whole are known to do, thus preventing that constipated condition of the system

ER.

which is so invariably productive numerous bodily discomforts and danabout collecting this liquid manure and gerous and even fatal forms of disease. NEW PROCESS OF DENTAL SURGERY. -Mr. Napier, an English dentist, announces what he considers to be somein a case where the teeth were extremebrick yards, right in the middle of my to file them down for the purpose of yard, and to this, with the other, the introducing artificial teeth on the cows have free access. The manure stumps. For sake of avoiding pain in der it from time to time, and cover spray was first made use of in reducing occasionally with straw to make a good the sensibility of the teeth ; a piece bed for the cows to lay under. I con- of cotton, dipped in ether, and laid tend that the cows walking on it and first on the teeth and then on the inwatering, packs it so down and mois- strument, being found to answer a still better purpose. While engaged in ing. I haul it out to my corn ground this operation it occured to Mr. Napier in the spring, and it is always in first- to avoid the usual practice of dentists (of extirpating the nerve), with which of course, and all the strength and object he took a bit of hard wood, dippvirtues of the manure, whatever they ing it in nitric acid, and with this are, whether potash or ammonia or cauterizing the exposed portion of the phosphoric acid, are saved and used nerve in each tooth successively. He then filed the teeth down to the level of the gums without producing any pain whatever. He found that in this way the stump of the tooth remained perfectly healthy, giving no pain of any kind ; and the subsequent experiences of the patients were of the most satis-

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J. W. BETCHER,

HALIFAX, March 10th, 1873.

Dear Sir .- Having used a half dozen bottles notwithstanding the smaller bone, the Mahone Bay-Joseph Ham Margaree, C. B.-Lachlen McDonald. of your valued Pectoral Mixture I find my-Undoubtedly the more vigorous and Superior Pianos, radius, was uninjured. To relieve the self greatly relieved from a chronic chough, healthy a tree is, the more it grows New Germany-Adam E. Durland. Newport-Joseph Dimock, Wm. H. Knowles and pulmonary weakness which had been deformity, the false joint was laid bare, IN VARIOUS STYLES. and pushes out fine strong leaves, the preying upon my system for over a year, and and the cartilaginous ends of the bone would recommend it to all who are suffering Nictaux-W. A. Morse. UPRIGHT, OBLIQUE, SQUARE, Etc. more will the roots grow in return. New Albany-Daniel Whitman. together with the false ligament, were from like complaints But a transplanted tree differs from one With all the latest improvements, manu-Unslow-J. B. McNutt, Esq. GEO. L. FELLOWS. removed by strong scissors. Then the factured by the subscribers, and especially Faradise-M. E. Marshall. growing undisturbed, in this, that the upper part of the ulna was sawn half Parsboro-Martin Hunter. adapted to this climate. An assortment of ST. JOHN, N. B., April 16th, 1874. lowest minimum quantity of root neces-Port Medway—James T. Foster. Portaupique—Joseph Upham. Pubnico—Isaac Larkin. through about two inches above the end This is to certify that I was attacked with a PHB "SILVER PONGUE." sary to keep the branches in sap, has very severe cold combined with the Asthma of the bone, and the upper piece, with been disturbed .- Evaporation goes on very bad, so that I could not lie down or A very fine toned CABINET ORGAN, Pugwasb-Angus McDonnell. its enclosed sheath-the periosteum, by hardly breathe. One bottle of the cough in addition to growth, and if there is by Carhart and Needham, N.Y. Eawdon-John McLearn, dsq. medicine prepared by J. BETCHER, Esq., of which the nutrition of the bone is ef-River Philip-Thomas H. Patton. not enough moisture for evaporation, The above are offered to a discriminating Halifax, N. S., relieved me, and five bottles Rosette, Annapolis-Richardson Harris, Esq. Locke's island-Xerxes Z. Chipman, Esq. public at moderate prices, fected-was split off with a hammer completely cared me so I have not been there not only can be no good, but the troubled with the Asthma since, and I believe and chisel, leaving. however, a small WM. FRASER & SONS, St. Mary's Bay, Digby Co.-Chas. McNeill, Esq. Shelburne-Rev. E. N. Archibald. tree dies. The transplanted tree canit to be the best medicine for Coughs, Colds, June 1. 70 & 72 Barrington St. bridge of the periosteum to keep the not make up even this evaporative Asthma, &c., that there is made. New Ross—James Lantz. Springfield—Israel McNayr, Esq. Stewiacke--Rev. O. Chute : Rev. Jas. Meadows. bone alive. The detached bone was JOHN N. DEABBORN. claim, and hence the difference. THE CHRISTIAN MESSENGER neatly fited into the place of the false Aug. 12. l yr. Where, however, this necessary waste Is published every WEDNESDAY. Termscan be accommodated fully, these joint; the fatty and indurated soft parts Sydney, North, U. B.-A. G. Musgrave. Two DOLLARS a year, when paid in ac-vance; if payment is delayed over three CONSUMPTION CURED. Sydney Town, C.B -C. H. Harrington, Esq. were divid d so as to set up an inflamleaves and branches are an advantage, Truro-Robt. Chambers, Esq. matory reaction; the bleeding was and re-act favourably on roots, and this Windsor-Andrew F. Shand. months \$2.25 when over six months \$2.50. To the Editor of Christian Messenger. Walton-F. Parker, Esq. Westport-Holland E. Payson, Esq Subscribers beyond the Dominion of checked by a stream of carbolized fact will come into excellent use in un-ESTEEMED FRIEND: water, the wound closed by sutures, Canada, must send in addition to the above, Will you please inform your readers that ] derstanding how to treat grafted trees. Weymonth-Rev. C. Randall and a fenestrated plaster of Paris banhave a positive 20 cents a year for prepayment of postage. Wilmot-Dr. J. Woodbury. A bud or graft has perhaps been placed CURE FOR CONSUMPTION on a stem several feet above the ground dage applied. A single splinter of Wilmot, Canaan Road-Fletcher Wheelock. Wilmot Mountain-Jas. P. Foster, Esq. and all disorders of the Throat and Lungs, ADVERTIZING at usual rates. dead bone subsequently came away. and above and below it buds will push Wolfville-G. V. Rand. and that by its use in my practice, I have forth into branches, which all know The patient made a perfect recovery, STEPHEN SELDEN, Proprietor. Yarmouth-William Churchill, C.W. Sanders cured hundreds of cases, and will give Carlton-Rev. J. A. Stubbert. regaining such full use of his arm that OFFICE No. 71 GRANVILLE STREET, Do., Hebron-Wm. R. Doty. Do., Ohio-George Crosby, Esq. St. JOHN, N. B.-John F. Masters, Esq. \$1,000.00. will rob the grafted plant of much of HALIFAX, N.S. he was appointed to a regiment .-for a case it will not benefit. Indeed, so its nutriment. Therefore, we pull them strong is my faith, I will send a Sample, free, Scientific American. off. But the roots always suffer a PRINTING of Books, Pamph-PRINCE EDWARD ISLAND. to any sufferer addressing me. sap circulates very slowly up the stem. It becomes hidebound, and very often that the addition of one drop of oil of Crapaud, P. E. I.-Dr. Tremaine. Charlottetown-James Desbrisay, Esq. severe check when this is done. The lets, Cards, Handbills, Blank Please show this letter to any one you may know who is suffering from these diseases, forms, &c., &c., on reasonand oblige, Faithfully Yours, able terms. the whole stem with the graft and all mustard to 308 grains of milk, will DR. T. F. BURT, the whole stem with the graft and all mustard to 308 grains of milk, will West River-Rev. Malcom Ross. dies. These budding shoots ought keep it from curdling for many weeks. East Point, P. E. 1.-Wm. M. McVane. Magistrates Blanks always on hand. William Street, New York. Aug. 5.

hauling back to the yard to be, I suppose, again washed away. They must have more time than I have, and labour must be cheaper than it is here to warrant such a course. Finding the thing new in dental surgery, especially manure under shed so valuable, I have constructed a rough shed, like those in | ly sensitive, and it became necessary dropped outside this shed I throw un- the operation, as far as possible, ether tens it that it avoids all danger of heatrate condition. It is kept spread evenly, where they ought to go-to the fields, and not to the streams.

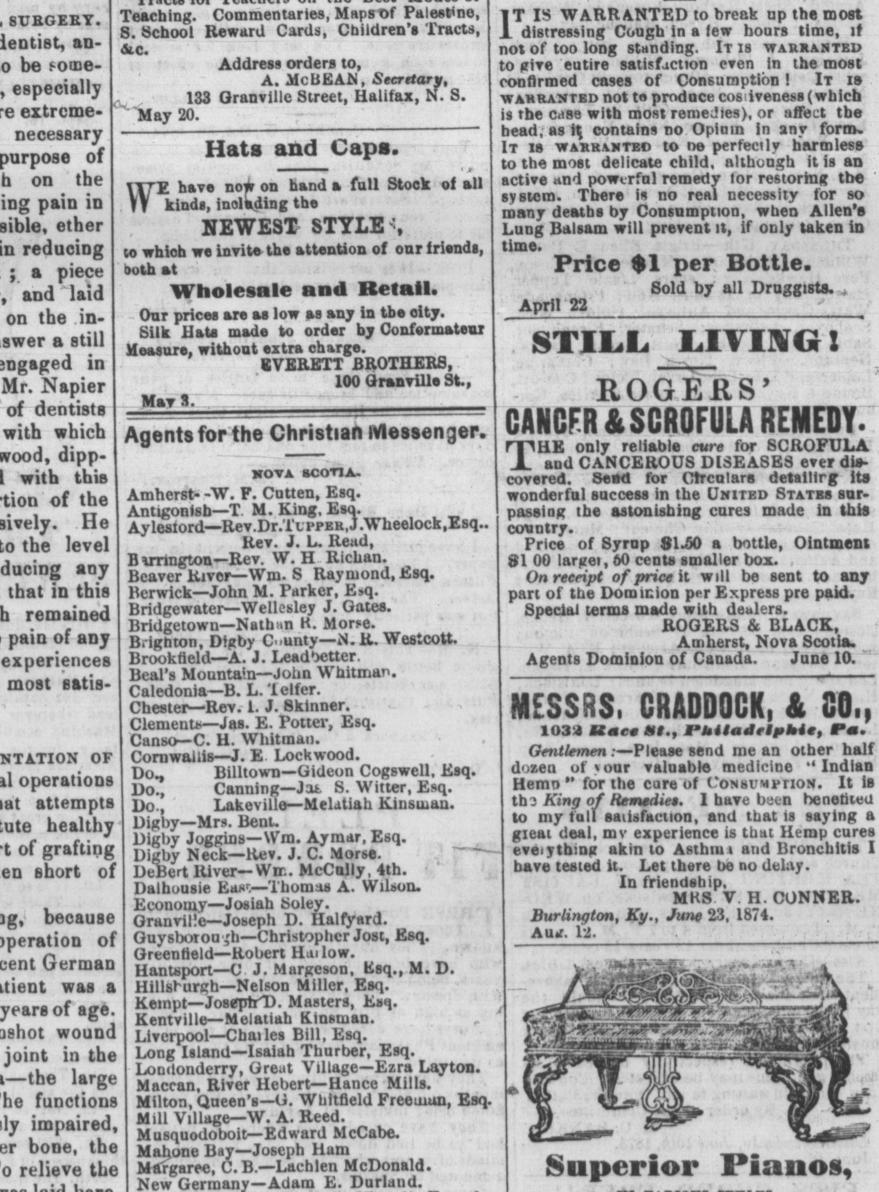
into the nearest creek. Others write

I had a visit last winter from one of your Chester county farmers, and he told me his mode of managing manure was the same as mine, and he considered every load of it worth three factory character. loads of that in the open yard.-Cor. Practical Farmer.

INTERDEPENDENCE OF LEAVES AND ROOTS .- Some people perceive a fact so clearly and so deeply that they are unable to note when other principles conspire to require modification, and hence there is no end offalse reasoning

SUCCESSFUL TRANSPLANTATION OF BONE.-Speaking of surgical operations in a late issue, we said that attempts Do. had been made to substitute healthy for diseased bones by a sort of grafting process, but they had fallen short of complete success.

A peculiarly interesting, because Burlington, Ky., June 23, 1874. Granville-Joseph D. Halfyard. Guysborough-Christopher Jost, Esq. and false practice. We see this well Aug. 12. completely successful, operation of illustrated by arguments in English Greenfield-Robert Harlow. the sort is reported in a recent German Hantsport-C. J. Margeson, Esq., M. D. Hillsburgh-Nelson Miller, Esq. papers as to the benefits of pruning at medical journal. The patient was a transplating. Some who generally To be had of the Manufacturer Kempt-Joseph D. Masters, Esq. young officer, twenty-four years of age. write very sensibly about things, take Kentville-Melatiah Kinsman. In 1870, he received a gunshot wound No. 27 CORNWALLIS STREET, Liverpool-Charles Bill, Esq. the ground that not a branch should be which resulted in a false joint in the Long Island-Isaiah Thurber, Esq. HALIFAX, N. S. cut, because " no roots can be formed Londonderry, Great Village-Ezra Layton. middle of the right ulna-the large without tops, and hence the more tops Maccan, River Hebert-Hance Mills. bone of the fore arm. The functions Milton, Queen's-G. Whitfield Freeman, Esq. the more roots." Mill Village-W. A. Reed. Musquodoboit-Edward McCabe. J. W. BETCHER, ESQ. of the limb were seriously impaired, Now this is true of a growing tree.



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