

**PETROLEUM ROCK OIL—**

Oozes from cracks in trachyte breccia, Sugarloaf Point, Taranaki. Wells have been bored to the depth of many hundred feet, but no steady supply of oil has been obtained. Crude oil has a specific gravity of 962·7 at 60°, and yields by fractional distillation oils having the following gravities:—

2 per cent. of oil of sp. gr. ...	874
10 " " " " ...	893
8 " " " " ...	917
60 " " " " ...	941
80	

The kerosene oil of commerce has a density of ·810 to ·820.

This oil is therefore quite unadapted as a substitute for kerosene, but might be used with great advantage as a lubricant.

**PETROLEUM—**

Waipapu, East Coast of Auckland Province—Crude oil has a specific gravity of ·872 at 58° Fahr.; boiling point, 290° Fahr.; flashing point, 230° Fahr. This oil yields, when distilled, oil as follows:—

Fine lamp oil ...	11·00 per cent. of sp. gr. ...	820
Inferior lamp oil ...	37·75 " " "	853
Lubricating oil ...	25·69 " " "	
Paraffine ...	16·00 " " "	
Bituminous residue	9·36 " " "	

100·00

By repeated rectifications, this oil would probably yield 20 per cent. of lamp oil adapted for consumption in common kerosene lamps. A small sample of oil from the same district had specific gravity ·866, and gave, when twice rectified, 10 per cent. of lamp oil of specific gravity ·819, or at proof, 40°.

**PETROLEUM OIL—**

Waipawa River, Poverty Bay, Province of Auckland.

**STEATITE—**

Collingwood, Nelson. Occurs in a large mass or dyke in the Parapara Valley.

**MARBLE—**

Collingwood, Nelson. Forms a large part of a mountain range, and could be quarried and shipped with facility in blocks of any size.

**BUILDING STONE, FIRECLAY, ETC.**

**AUSTIN AND KIRK, Kowai, Canterbury—**  
Fireclay, ground.

**AUSTIN AND KIRK, Kowai, Canterbury—**  
Fireclay, "pugged."

**WAIKATO COAL MINING COMPANY, Auckland—**  
Fireclay.

**W. WILSON, Christchurch, Canterbury—**  
Marble for lime, from Upper Malvern, Canterbury.

**E. GADD, Hillsborough, Canterbury—**  
Graystone.

**J. D. ENYS, Castle Hill Station, Canterbury—**  
Stone from Castle Hill, West Coast Road, one side cut with saw, two sides natural state, one side rough-dressed; can be obtained any size.

**M. B. HART, Christchurch, Canterbury—**  
2 Vases, turned from freestone.

**Hon. E. GRAY—**  
Trachyte Dykestone, Banks' Peninsula, Canterbury.

**EADIE—**  
Limestone, Ashley Gorge, Canterbury.

**M. B. HART, Christchurch, Canterbury—**  
Glass Sand, from Ashley Gorge.

**GRAIN AND AGRICULTURAL PRODUCE.**

**J. and T. MEEK, Oamaru, Otago—**  
One peck Velvet Chaff Wheat.

One peck Tuscan Wheat.

One peck Purple Straw Wheat.

**P. CUNNINGHAM and Co., Christchurch, Canterbury—**  
One peck Wheat.

Ditto.

Ditto (grown by P. B. Luxmore).

Ditto (grown by Parcra Association).

Ditto.

Ditto.

**P. CUNNINGHAM and Co., Christchurch, Canterbury—contd.**

One peck Wheat.

Ditto (grown by F. Jones).

Ditto.

Ditto.

Ditto (grown by T. Anderson).

Ditto (grown by R. Smith).

Ditto (grown by W. Williams).

Ditto (grown by J. Jones).

Ditto (grown by J. Campion, 67½ lbs. per bushel).

**J. H. ROGERS, Canterbury—**

One peck Wheat (grown by Exhibitor).

Ditto ditto.

**J. N. TOSSWILL, Canterbury—**

One peck Wheat (grown by Exhibitor).

**W. D. WOOD, Christchurch, Canterbury—**

One peck Wheat, Tuscan (grown by Carlton of Riccarton).

Ditto, Imperial (grown by Deans of Riccarton).

Ditto, Suffolk White (grown by Deans of Riccarton).

Ditto, Velvet Chaff (grown by Cameron of Downs).

Ditto, Pearl Chaff (grown by Orr of Hawkins).

Ditto, Hunter's White (grown by Cameron of Saltwater Creek).

**W. H. LANE, Christchurch, Canterbury—**

One peck Oats.

Ditto.

**J. G. BLUETT, Leeston, Canterbury—**

One peck Spring Wheat; cut January, 1872.

**P. CUNNINGHAM and Co., Christchurch, Canterbury—**

One peck Oatmeal; manufactured by E. Steggall, of Southbrook.

**J. and T. MEEK, Oamaru, Otago—**

One peck Flour.

**J. H. ROGERS, Canterbury—**

One peck Flour (grown by Exhibitor).

**W. D. WOOD, Christchurch, Canterbury—**

One peck Flour, from all Tuscan wheat.

Ditto, from mixed wheat.

One peck Sharps.

One peck Flour, from all pearl wheat.

**W. H. LANE, Christchurch, Canterbury—**

One peck Flour, from all pearl wheat.

One peck Sharps.

**G. PANNELL, Christchurch, Canterbury—**

One peck Flour.

**NEW ZEALAND AGRICULTURAL SOCIETY, Auckland—**

Two samples of wheat (grown by James Runciman).

**E. W. TRENT, Christchurch, Canterbury—**

Samples of Chicory (grown by Exhibitor).

**WOOL.**

**H. P. MURRAY-ANSLEY, Mount Hutt Station, Rakais Gorge, Canterbury—**

Exhibit of Merino Fleeces, 6 and 8 tooth male sheep, eleven months' growth, first combing; hot-water washed with Lande's patent soap; weight, 2½ lbs.; average price of previous clips in London, 1s. 9d. to 2s. 5½d.

**CANTERBURY AND OTAGO ASSOCIATION, Levels, Canterbury—**  
Exhibit of Merino Wool, ram hoggetts; first combing; scoured.

**ROBERT TINLINE, Ferniehurst, Amuri, Nelson—**

Exhibit of Merino Fleeces, ewe hoggetts, fourteen months' growth, first combing; in grease; weight, 6½ lbs.

**G. A. ANSTEY, Parnassus, Amuri, Nelson—**

Exhibit of Merino Fleeces, ram lambs, fourteen months' growth, first combing; in grease; weight, 5 lbs.

**CANTERBURY AND OTAGO ASSOCIATION, Levels, Canterbury—**

Exhibit of Merino Fleeces, 4-tooth ewes, twelve months' growth; greasy; weight, 6½ lbs.; average price of previous clips in London, 1s. 3d.

**G. A. ANSTEY, Parnassus, Nelson—**

Exhibit of Merino Fleeces, 6-tooth ewes, eleven months' growth, first combing; greasy; weight, 5½ lbs.

**T. S. TANCRED, Raukapuka, Canterbury—**

Exhibit of half-bred Leicester and Merino Fleeces, ewe hoggetts, first cross, thirteen months' growth, first combing; greasy; average price of previous clips in London, 1s. 6d.

**S. BEALEY, Hororata, Canterbury—**

Exhibit of half-bred Romney Marsh and Merino Fleeces, hoggetts, first cross; greasy; average price of previous clips in London, 1s. 5d. to 2s. 6½d.