CONNECUT AGRICULTURAL EXPERIMENT STATION.

Bulletin 45—June 18, 1880.

FERTILIZER ANALYSES.

BORN, FISH, BLOOD.

432 Buffalo Horn Dust, sold by F. S. Johnson, Plainville, sent by J. W. Hemingway, Plainville.

433 Quinnipiack Fertilizer Co.'s Dry Ground Fish, sold by J. M. Belden, New Britain, sent by E. F. Blake, New Britain.


433 433 391 392 439

Nitrogen... 14.50 9.95 9.62 6.02 5.08 6.41

Value per ton... 443 442 442 442 442 442

Cost per ton... 443 442 442 442 442 442

BONE.

434 H. J. Baker & Bro.'s, Strictly Pure Ground Bone, sent by J. J. Webb, Hamden.


443 Ground Bone, made by Atwood Bros., Watertown, sent by M. S. Baldwin, Naugatuck.

443 and 444 are respectively the coarser and finer parts of the same ground bone.

The finer bone, 444, is seen to contain more, both of nitrogen (0.5 per cent.) and of phosphoric acid (1.9 per cent.) and partly for that reason and partly for its fineness it has an estimated value nearly $7 greater than the coarser bone, 443.

POTASH SALTS.


428 438

Sulphate of Potash... 87.80

Muriate of Potash... 87.80

Estimated value per ton... 444 443 443

Cost per ton... 444 443 443

PLASTER.

414 Land Plaster, manufactured by E. B. Alvord, Jamestown, N. Y., sold by S. A. Weldon & Son and sent by S. R. Gridley, president of the Farmers' Club, Bristol, Conn.

419 Gypsum or Land Plaster, Nova Scotia (?) ground and sold by George Abbott, Branchville, Conn., sent by D. H. Van Hoosier, President Farmers' Club, East Wilton, Conn.

431 Plaster, manufacturer unknown, E. N. Pierce dealer, Plainville, sent by T. N. Bishop, Plainville.

414 419 431

Gypsum... 73.44

Carbonate of lime, by difference... 7.40

Cost per ton... 419 419 419

S. W. JOHNSON, Director.