second strike and after being through the turbines, there remains 5040 pounds of syrup, which heated as before, gives 4800 pounds of boiled stuff which is left to crystallize during three or four months and will bring 10 per cent of sugar of the third strike, say 480 pounds.

The total result from the turbines as centifugals would therefore be :

From the 1st strike 11,4C0 lbs of sugar say 5.70 p. c.
  " " 2nd "   2,160 " " " 1.08 "
  " " 3rd "   480 "   " "   24 "
          ————   ————
          14,040   7,02

And there remains in molasses, reduced to the commercial standard, 42° Beaumé, 4500 pounds or 400 gallons.

Our whole production for 150 days work at 200, 000 pounds per day would therefore be :

$14040 \times 150 = 2,106,000$ pounds of sugar.
 $4500 \times 150 = 675,000$ " of molasses or 60,000 gallons.

Which would give a production per 100 of beets.
Sugar 7,02.
Molasses 2,25.

§ 8. Employment of Residue.

The residue from the manufacture of sugar is molasses, pressed pulp and manure.