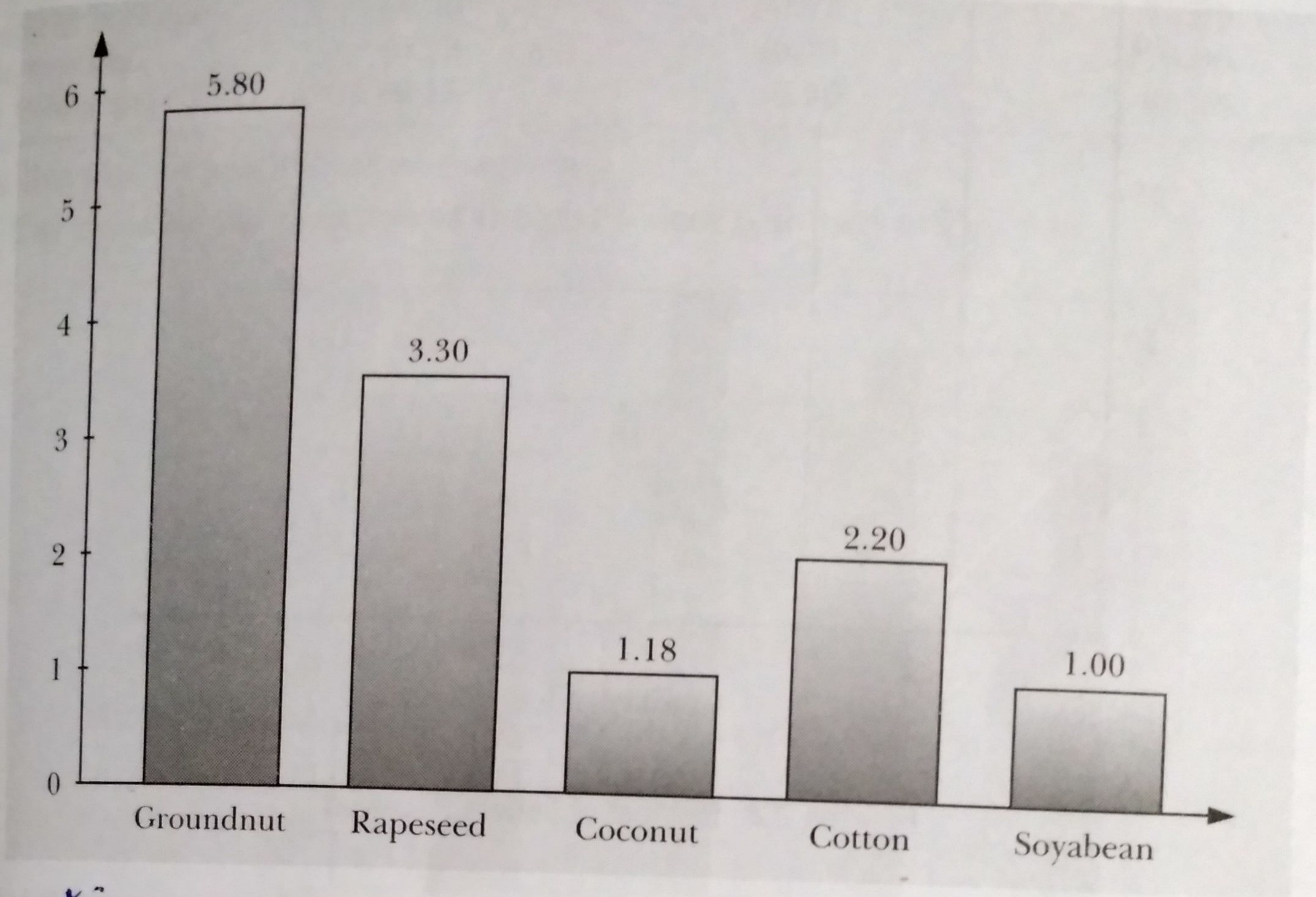Represent this data by a suitable bar diagram.

Solution: The information provided in Table 2.34 is expressed graphically as the frequency bar chart as shown in Fig. 2.3. In this figure, each type of seed is depicted by a bar, the length represents the frequency (or percentage) of observations falling into that category.

Figure 2.3: Bar Chart Pertaining to Production of Oil Seeds

Example 2.17: An advertising company kept an account of response letters received each day over a period of 50 days. The observations were:

0	2	1	1	1	2	0	0	1	0	1	0	0	1	0	1	1	0
2	0	0	2	0	1	0	1	0	1	0	3	1	0	1	0	1	0
2	5	1	2	0	0	0	0	5	0	1	1	2	0				

Construct a frequency table and draw a line chart (or diagram) to present the data.

Solution: The observations are tallied into the summary table as shown in Table 2.35. Figure 2.4 depicts a frequency bar chart for the number of letters received during a period of 50 days presented in Table 2.35.

Table 2.35   Frequency Distribution of Letters Received

Number of Letters Received	Tally	Number of Days (Frequency)
0		
1	IIII IIII IIII IIII III	23
2	IIII IIII IIII II	17
3	IIII II	7
4	II	2
5	—	0
	I	1
		50