

CHART 2 - DIVIDING THE WORK SAMPLE

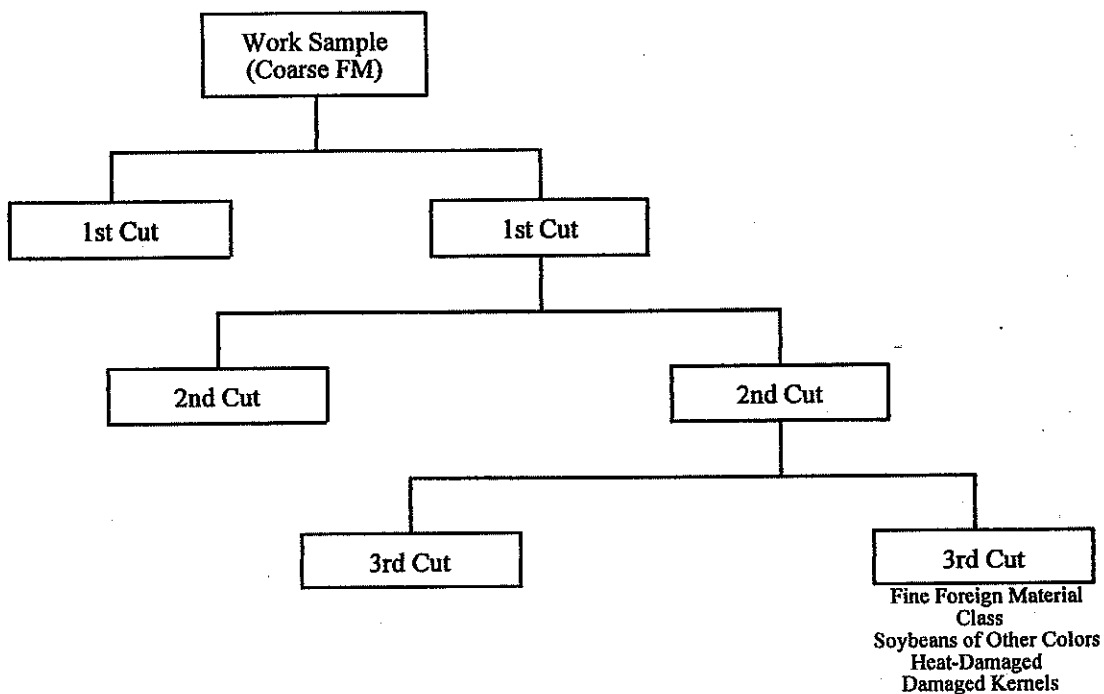


TABLE NO. 6

APPROXIMATE ANALYTICAL PORTION SIZES	
Factors	Grams
Damaged kernels	125
Foreign material	125
Heat-damaged kernels	125
Kind of grain ^{1/}	125
Soybeans of other colors	125
^{1/} Factor determined before the removal of foreign material.	

10.3 GRADES AND GRADE REQUIREMENTS

Soybeans are divided into two classes based on color: Yellow soybeans and Mixed soybeans. There are no subclasses. Each class is divided into four numerical grades and U.S. Sample Grade. Special grades emphasize qualities or conditions affecting the value and are added to and made a part of the grade designation. Special grades do not affect the numerical or sample grade designation.

TABLE 10.1 – GRADES AND GRADE REQUIREMENTS FOR SOYBEANS

Grade	Maximum Limits of -				
	Damaged Kernels		Foreign Material (percent)	Splits (percent)	Soybeans of other colors ¹ (percent)
	Heat (part of total) (percent)	Total (percent)			
U.S. No. 1	0.2	2.0	1.0	10.0	1.0
U.S. No. 2	0.5	3.0	2.0	20.0	2.0
U.S. No. 3	1.0	5.0	3.0	30.0	5.0
U.S. No. 4	3.0	8.0	5.0	40.0	10.0
U.S. Sample Grade is soybeans that: - Do not meet the requirements for grades U.S. No.1, 2, 3, or 4; or - Contains 4 or more stones which have an aggregate weight in excess of 0.1 percent of the sample weight, 1 or more pieces of glass, 3 or more crotalaria seeds (<i>Crotalaria</i> spp.), 2 or more castor beans (<i>Ricinus communis</i> L.), 4 or more particles of an unknown foreign substance(s) or a commonly recognized harmful or toxic substance(s), 10 or more rodent pellets, bird droppings, or an equivalent quantity of other animal filth in 1,000 grams of soybeans, or - Contain 11 or more animal filth, castor beans, crotalaria seeds, glass, stones, or unknown foreign substance(s) in any combination, or - Have a musty, sour, or commercially objectionable foreign odor (except garlic odor); or - Are heating or otherwise of distinctly low quality. ¹ Disregard for Mixed Soybeans					

Soybean Discount Schedule

Test Weight	
#/Bu	Discount
54.0 and Above	None
53.0 - 53.9	\$0.01
52.0 - 52.9	\$0.02
51.9 and Below	Reject

Moisture	
%	Discount
13.0 and Below	None
13.1 - 14.0	\$0.05
14.1 - 15.0	\$0.10
15.1 - 16.0	\$0.15
16.1 - 17.0	\$0.20
17.1 - 18.0	\$0.25
18.1 and Above	Reject

Damage	
%	Discount
2.0 and Below	None
2.1 - 3.0	\$0.01
3.1 - 6.0	\$0.05
6.1 - 7.0	\$0.07
7.1 - 8.0	\$0.10
8.1-10.0	\$0.15
10.1 and Above	Reject

Soybeans of Other Colors	
%	Discount
2.0 and Below	None
2.1 and Above	\$0.05

Heat Damage	
%	Discount
0.5 and Below	None
0.6 and Above	Reject

Splits	
%	Discount
20% and Below	None
20.1 and Above	\$0.05

Foreign Material	
%	Discount
1.0 and Below	None
1.1 - 2.0	\$0.05
2.1 - 3.0	\$0.10
3.1 and above	Reject

Addition Discounts	
	Discount
Musty or Sour	\$0.10
Any Special Grade	\$0.10
Commercially Objectional Foreign Odor (COFO)	Reject
All Other Sample Grade Factors	Reject