

TABLE 8: RESULTS OF THE MATHEMATICAL PROGRAMMING ANALYSIS WITH ALL WEIGHT PLACED ON EFFICIENCY AND WITH DOUBLE WEIGHT GIVEN TO SMALLHOLDERS (TOP 30 COMMODITIES)

All weight placed on efficiency ^a			Double weight given to smallholders ^b		
Rank	Commodity	Farm Type	Rank	Commodity	Farm Type
1	Maize	Smallholder	1	Maize	Smallholder
2	Cotton	Large Scale	2	Beef	Large Scale
3	Dairy	Large Scale	3	Goats	Smallholder
4	Beef	Large Scale	4	Maize	Large Scale
5	Maize	Large Scale	5	Cotton	Smallholder
6	Cotton	Smallholder	6	Wheat	Large Scale
7	Wheat	Large Scale	7	Beef	Smallholder
8	Groundnuts	Smallholder	8	Groundnuts	Smallholder
9	Coffee	Large Scale	9	Dairy	Smallholder
10	Cattle draft	Smallholder	10	Sorghum	Smallholder
11	Sorghum	Smallholder	11	Coffee	Large Scale
12	Pearl Millet	Smallholder	12	Cotton	Large Scale
13	Tomato	Large Scale	13	Beans	Smallholder
14	Sunflower	Smallholder	14	Cattle draft	Smallholder
15	Bambara nuts	Smallholder	15	Pearl Millet	Smallholder
16	Finger Millet	Smallholder	16	Sunflower	Smallholder
17	Roses	Large Scale	17	Bambara nuts	Smallholder
18	Apples	Large Scale	18	Finger Millet	Smallholder
19	Stonefruit	Large Scale	19	Roses	Large Scale
20	Onions	Large Scale	20	Apples	Large Scale
21	Cowpeas	Smallholder	21	Stonefruit	Large Scale
22	Potatoes	Large Scale	22	Cowpeas	Smallholder
23	Broilers	Large Scale	23	Tomato	Large Scale
24	Layers	Large Scale	24	Potato	Large Scale
25	Tomato	Smallholder	25	Broilers	Large Scale
26	Groundnuts	Large Scale	26	Tomato	Smallholder
27	Donkey draft	Smallholder	27	Groundnuts	Large Scale
28	Indigenous veg	Smallholder	28	Donkey draft	Smallholder
29	Onions	Smallholder	29	Onions	Large Scale
30	Sheep	Smallholder	30	Indigenous veg.	Smallholder

^a All commodities listed should receive current funding plus 50% except for smallholder sorghum and large-scale beef.

^b All commodities listed should receive current funding plus 50% except for smallholder goat, beef, dairy, and beans and large scale beef, cotton, tomato, and onions.

Source: Mutangadura G. 1997