

# Safeguard Cast Steel Shares

STONY and timbered ground cause much annoyance to ploughmen if cast steel shares have to be used, as is often the case when the soil is very sandy or gritty. Though the cast steel share has excellent wearing qualities, its usefulness along this line is nullified when timber or stones are encountered. On striking such solid objects under the surface of the ground, the wing of the share frequently has the whole weight of the plough or the pull of the team or tractor thrown on to it, with the result that it snaps off, leaving a useless or a semi-useless remnant of a share.

It is not always possible to use the malleable steel type of share owing to undue wear in gritty soil types, but it is possible to overcome to a certain degree the danger of breaking the cast steel type. This is done by breaking off a small portion of the wing as shown in the diagram. By placing the wing of the share on the beam of the plough or any solid straight edge, with the portion to be broken off projecting over the edge, a quick sharp blow with a hammer will break off the wing tip. The share will not cut quite the full width required, but, nevertheless, it cuts sufficient to enable a reasonably

good furrow to be turned, particularly on lea ground.

Another method in assisting to safeguard the cast share from breakage is

**Point**

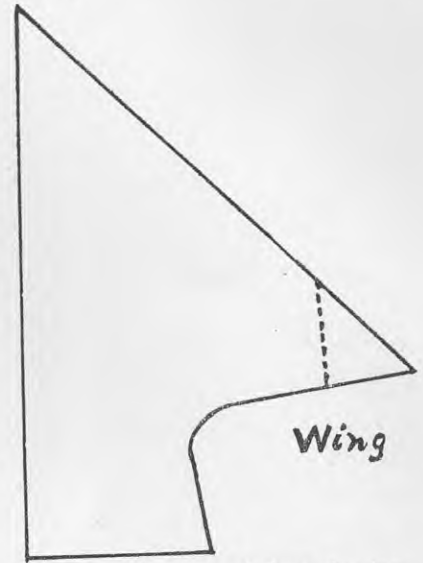


Diagram of cast steel share showing the part of the wing to break off.

## Slaughterings of Stock

THE following returns of slaughterings of stock at meat-export slaughterhouses and abattoirs for the months of May to September, 1942, have been compiled by the Livestock Division:—

District	Cattle	Calves	Sheep	Of which Ewes were	Lambs	Pigs
<b>North Island.</b>						
Meat-export Slaughterhouses—						
Auckland .. .. .	110,283	472,127	40,356	21,891	122,246	51,919
Poverty Bay Hawkes Bay ..	29,297	45,095	53,305	33,715	134,138	6,689
Taranaki-Manawatu .. ..	54,497	171,501	16,457	12,244	131,366	31,215
Waikararapa-Wellington ..	23,601	18,240	28,879	14,041	113,161	5,859
Totals .. .. .	217,678	706,963	138,997	81,891	500,911	95,682
Abattoirs .. .. .	56,081	17,879	253,599	113,104	25,557	47,059
North Island Totals .. ..	273,759	724,842	392,596	194,495	526,468	142,741

<b>South Island.</b>						
Meat-export Slaughterhouses—						
Nelson-Marlborough .. ..	1,307	8,362	7,516	5,239	38,852	2,081
Canterbury .. .. .	5,949	23,659	94,766	68,933	292,295	9,811
Otago-Southland .. .. .	7,568	21,172	60,660	49,083	516,015	2,536
Totals .. .. .	14,824	53,193	162,942	123,255	847,162	14,428
Abattoirs .. .. .	49,079	10,882	220,482	112,914	25,599	20,320
South Island Totals .. ..	63,903	64,075	383,424	236,169	872,761	34,748

<b>Dominion.</b>						
Meat expt. Slaughterhouses	232,502	760,156	301,939	204,646	1,348,073	110,110
Abattoirs .. .. .	105,160	28,761	474,081	226,018	51,156	67,379
Grand Totals .. .. .	337,662	788,917	776,020	430,664	1,399,229	177,489
Same Period, 1941—						
Meat-export Slaughterhouses and Abattoirs ..	259,478	791,992	753,914	462,567	1,589,555	219,169
Same Period, 1940—						
Meat-export Slaughterhouses and Abattoirs ..	301,364	770,823	1,009,417	636,370	1,441,377	197,941

## Slaughterings of Pigs

The 21,055 pigs slaughtered at meat-export slaughterhouses and abattoirs during the month of September, 1942, were distributed in weight ranges approximately as follows:—

Up to 60 lb. .. .. .	180	The grading of porkers is 86 per cent. of 1st quality and 14 per cent. of 2nd quality; and that of baconers is 78 per cent. of Prime 1's, 16 per cent. of Prime 2's and 6 per cent. of second quality.
61-120 lb. .. .. .	10,952	In the different weight ranges of baconers the grading is as follows:—
121-160 lb. .. .. .	6,016	121 to 160 lb. .. .. . 81%, 14%, 5% of P1's, P2's and 2nds respectively.
161-180 lb. .. .. .	1,318	161 to 180 lb. .. .. . 64%, 26%, 10% of P1's, P2's and 2nds respectively.
Over 180 lb. .. .. .	653	
Sundries .. .. .	1,936	

to break off about half an inch of the point. In this case it is necessary to reset by grinding.

—J. R. MURRAY, Instructor in Agriculture, Whakatane.

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