

65 Queen of Ayr	150 Muttercup
66 Stella	151 Wylie 2nd
67 Dolly Varlen	152 Lady Franklin 2nd
68 Polly Perkins	153 Primrose 2nd
69 Rosa	154 Eugenie
70 Lady Franklin	155 Heather Belle
71 Bessie	156 Pricey
72 Porta	157 Rose
73 Fairfield Beauty	158 Helen
74 Miss Cecelia	159 Blanche
75 Miss Ma	160 Pansy Duchess
76 Pinafore	161 Cherry Duchess
77 Daisy	162 Myrtle
78 Myra	163 Letty Joan
79 Daisy 2nd	164 Lady Bismarck
80 Cherry	165 Nellie
81 Flora	166 Vinnie
82 Maid of Fern Hill	167 Mary Anderson
83 Hortense	168 Irene
84 Flora	169 Shoo Fly
85 Mary Gray	170 Molly Garfield
86 Alice Gray	171 Samantha Allen
87 Hortense	172 Lady Maud
88 Lady Fairie	173 Cuthbert Lass 2nd
89 Beauty	174 Empress
90 Lady Ballindalloch	175 Bessie Bell
91 Belle of Bellahill	176 Snow Flake
92 Rose of Bellahill	177 Scotch Lassie
93 The Nun	178 May Day
94 Olive	179 Dido
95 Spotted Lady	180 Hebe 2nd
96 Rosbud	181 Beauty
97 Daisy Duchess	182 Alceca
98 Daisy Duchess	183 Muttercup 2nd
99 Gipsy 9th	184 Athollia
100 Shifty of Stanstead	185 Belmont
101 Belle of Brookside	186 Matty
102 Mayflower	187 Mayfair
103 Lady Windsor	188 Flora
104 Lillydale	189 Lady Dulcie
105 Minerva	190 Evangeline
106 Galaxy	191 Lady of the Lake
107 Molly	192 Judy
108 The Abbess	193 Viola
109 Louise	194 Beauty of Plainfield
110 Maple Leaf	195 Alice Lyle
111 Effie 2nd	196 Lady Lansdowne
112 Effie 3rd	197 Kitty Clyde
113 Flora Baker	198 Nellie Lilye
114 Nellie	199 Carrie Bismarck
115 Lady Blanche	200 Dorcas
116 Lilly 2nd	201 Topsy
117 Lilly 5th	202 Lady Blanchard
118 Lilly 6th	203 Spot of Lee Farm 2nd
119 Topsy	204 Lillian Gray
120 Alice Oak	205 Spot of Lee
121 Pocatontas	206 Princess Mary
122 Josie	207 Jessie Brown
123 Spot	208 Brookfield Belle
124 Lillie	209 Nancy
125 Flora Gray	210 Daisy Dean
126 Euterpe	211 Queen Bess
127 Queen of Hearts	212 Jenny
128 Jenny Lind	213 Belle of Canning
129 Maria Theresa	214 Daisy Duchess 2nd
130 My Gipsy	215 Acorn
131 Linden	216 Lilly 7th
132 Camellia	217 Maud
133 Cherry Blossom	218 Maud S
134 Myrtle	219 Grace
135 Josephine	220 Muttercup 3rd
136 Lilly 7th	221 Lady Clare
137 Katy Clyde	222 Bismarck Lassie
138 Rose	223 Lilly Ballindalloch
139 Chloe	224 Bessie 2nd
140 Lottie	225 Blyth 3rd
141 Clover	226 Mollie Garfield
142 Alpha	227 Blyth 4th
143 Princess Louise	228 Primrose 3rd
144 Scottish Lass	229 Minerva 2nd
145 Gipsy Belle	230 Primrose 4th
146 May Queen	231 Rosalind
147 Lucy	232 Madge
148 Daffodil	233 Fanny
149 Cleopatra 2nd	234 Kitty

## ARYSHIRE BULLS.

1 Bruce	23 Prince Bismarck
2 Boulardarie	24 Lord Clyde
3 Sir George	25 Lord Raglan
4 Johnny	26 Miemac
5 Prince of Wales	27 Kenelm
6 Young Prince of Wales	28 Nicholas
7 Reform	29 Wallace 3rd
8 Charlie	30 St. George
9 The Shah	31 Oscar
10 Lord Clyde	32 Albert
11 Avon Water	33 Young Bismarck
12 Bismarck	34 Romeo
13 Prince Albert	35 Sir Hugh
14 Yakob Khan	36 Bellahill
15 Sir George	37 Royal Charlie
16 Young Royalty	38 Marquis of Lorne
17 King Humbert	39 Marjion
18 Thrift	40 Nero
19 Mars	41 Mark Anthony
20 Leopold	42 Robin Hood
21 Hero	43 Julius Cesar
22 Lord Canning	44 Ivanhoe

45 Champion	122 Prince Kaultz
46 Prince Imperial	123 Wallace 4th
47 Francis	124 Hero of Worcester
48 Mark Twain	125 Lord Raglan, Jr
49 Prince William	126 Sir John
50 Persian Prince	127 Excelior
51 Pompey	128 Jack
52 Woodside	129 Starr
53 Duke of Canting	130 Billy Boy
54 Talbot 3rd	131 Sam Slick
55 Sir Albert	132 Lord Burleigh
56 Peter	133 Comet
57 Joseph	134 Valentine
58 Lord Cornwallis	135 Comet
59 Sir John	136 Syndicate
60 Sir Wallace	137 Aral
61 Colchester	138 Hector
62 Rob Roy	139 Aral
63 Wagamatook	140 King Humbert 2nd
64 Scott	141 Clyde
65 Charlie	142 Farmer Boy
66 Von Moltke	143 Nero
67 Inverness	144 Franklin
68 Zulu	145 Montefith
69 Bruce	146 Dawn
70 Lord Inlon Champion	147 Daylight
71 Independence	148 Rambler
72 Chief Walsanoff	149 Adam
73 Col. Fieklmore of Fieldmore Farm	150 Jumbo
74 Zulu Chief	151 Iroyal Bismarck
75 Lord Nelson	152 Clyde
76 Eudymion	153 Captain Beaty
77 Duke of Sussex	154 Victor
78 Hermit	155 Ranger
79 Beacomfield	156 Indian Chief
80 Aberdeen	157 Duke of Weymouth
81 Wallace	158 Badenoch
82 William	159 Columbus
83 Lord Dufferin	160 Garfield
84 Prince Charlie	161 Unicorn
85 Prince Leopold	162 Dexter
86 Prince Napoleon	163 Comet
87 Captain Jinks	164 Hastings
88 Lord Dufferin 2nd	165 Baron Gorsebrook
89 Rob	166 Sir Tom
90 Lord Windsor	167 Second Lord Canning
91 Uncle Tom	168 Harry
92 Killburn	169 Sam Slick
93 Oakleaf	170 Arnold
94 Ranger	171 Bruce
95 Montague	172 Hillside Hero
96 Pompey	173 Robin Adair
97 Robin Hood	174 Clyde
98 Royal Charlie	175 Loyal Mars
99 Lord Chelmstord	176 Conqueror
100 Daniel O'Connell	177 Lorne 2nd
101 Dan	178 Marquis of Lansdowne
102 Gen. Garfield	179 Sir Charles
103 Hen	180 Gabriel
104 Victor	181 Killburn
105 Earl of Stair	182 Jack
106 Duke of Albany	183 Lord Clyde 2nd
107 Harry Moore	184 Pride of the Hills
108 Blake	185 Lord Cloud
109 Peter Archie	186 Richmond
110 Strangley	187 Gladstone
111 Ben Butler	188 Inverness 2nd
112 Bruce	189 Don Brown
113 Island Chief	190 Britton
114 Jumbo	191 Lord Clyde 2nd
115 Digby Chief	192 Gladstone
116 Leon	193 Chief of Ballendalloch
117 Nero	194 Fraze
118 Grit	195 Otto
119 Kholive	196 Wollesley
120 Richard	197 Mahomet
121 Clydesdale	198 Ajax

## WASHING SHEEP.

In the south of Scotland all the sheep, before being shorn, are washed by being made to swim two or three times across a running stream or pool.

Pool-washing is most general, and, all things considered, is perhaps the best. Sheep do not wash clean in a running stream. A stagnant pool is much better, as the yolk of the wool, which consists of fatty acids combined chiefly with potash, being left in the water, acts like soap, or better than any soap, in scouring and giving a bright lustre to the wool. The pool should be 25 yards long, 5 yards wide, and at least 6 feet deep at the jump, gradually ebbing to the point where the sheep can walk out on a well-

gravelled beach. In a pool of this description the sheep can be washed very clean, if they get a good high "jump," and are put across two or three times. The jumping stage should be three feet higher than the water. The ewes soon learn to jump into the pool of their own accord, and are much less liable to get injured than when each one has to be pushed in. Sometimes the washing pool is formed directly facing the sheep-fold, where the lambs are shut up for time being, and having the ewes looking straight in that direction they then freely jump, and swim the pool to get to their lambs. Tub washing is more convenient for small flocks, and is certainly preferable to driving the washed sheep over dusty roads from some neighbour's washing-pool, if there is not one in the farm, as by the time they get back they are often as dirty as before.

Sheep-washing usually takes place about the beginning of June, a little earlier or later, according to the locality or condition of the sheep. As soon as the new wool begins to rise, the sheep may be washed; and in six or eight days after the washing they may be shorn. If the weather should become wet so as to prevent clipping at the time intended, it may be advisable, in some cases, to rewash, if the wool is much soiled. The sheep should be properly docked before washing; thus preventing any dung or lumps of soil which may be adhering to some of the fleeces discoloring the wool.

In Australia, and other parts, washing sheep in hot water is all but general on large stations. The sheep are first passed through hot water with soap; they what is called the *soap-suds* swim, the temperature of the water being about 110 deg. Fahrenheit. When thoroughly soaked they are floated to a tank of cold water, and are brought by hand beneath spouts properly adjusted to play a film of water upon and into their fleeces. In most of these cases considerable outlay has been incurred for steam engines, pumps and washing gear. Hot water washing is not, however, likely to be adopted in this country, while wool continues so low in price as it is at present. —*Agric. Gazette.*

## BREAKING COLTS.

"Educating" is a better word than "breaking" when applied to colts reared by intelligent and humane horsemen. Though many a colt is really "broken" in training there is seldom, if ever, any necessity for such a course. Take a "sucker" when he is too young to have any very pronounced opinions of his own, and there will be found but little trouble