

|                      |               |
|----------------------|---------------|
| HOLYSMOKES           |               |
| NAME                 |               |
| 840M003212874372     | HO            |
| INTERNATIONAL NUMBER | BREED         |
| US003212874372       | 2020-09-07    |
| ID                   | DATE OF BIRTH |

|                       |                       |
|-----------------------|-----------------------|
| AOT HIGHJUMP-ET       | PROGENESIS POSITIV... |
| HOL840M003202768334   | HOLCANM000012609140   |
| COOKIECUTTER HOLYS... | COOKIECUTTER DTA H... |
| HOL840M003212874372   | HOL840F003134739087   |
| COOKIECUTTER HOLLY... | S-S-I PR RENEGADE-... |
| HOL840F003205870111   | HOL840M003142352961   |
|                       | COOKIECUTTER SLM H... |
|                       | HOL840F003144339856   |

INDEXES

|                         |     |
|-------------------------|-----|
| PF INDEX                | 163 |
| PRODUCTION SUBINDEX     | 153 |
| CONFORMATION SUBINDEX   | 130 |
| FRAME SUBINDEX          | 108 |
| DAIRY STRENGTH SUBINDEX | 110 |
| FEET & LEGS SUBINDEX    | 115 |
| UDDER SUBINDEX          | 129 |
| FERTILITY SUBINDEX      | 104 |

FUNCTIONAL TRAITS

|                            |     |
|----------------------------|-----|
| CONCEPTION RATE OF HEIFERS | 100 |
| CONCEPTION RATE OF COWS    | 110 |
| CALVING INTERVAL           | 107 |
| DAYS OPEN                  | 108 |
| SOMATIC CELL SCORE         | 124 |
| SURVIVAL RATE              | 125 |

GENETIC TRAITS

A1A2

PRODUCTION

|                  |       |           |      |
|------------------|-------|-----------|------|
| PRODUCTION INDEX | 193.3 | MILK [KG] | 1134 |
| FAT [KG]         | 81.6  | FAT%      | 0.4  |
| PROTEIN [KG]     | 55.8  | PROTEIN%  | 0.21 |
| LACTOSE [KG]     | 63.4  | LACTOSE%  | 0.1  |
| DAUGHTERS        | 0     | HERDS     | 0    |

FUNCTIONAL TRAITS - CONFORMATION

| Trait                            | Type of evaluation | EBV | 80          | 100 | 120           | Rel. | Number of daughters | Number of barns |
|----------------------------------|--------------------|-----|-------------|-----|---------------|------|---------------------|-----------------|
| Size                             | GPI                | 110 | small       |     | tall          | 0.35 | 0                   | 0               |
| Type and Conformation            | GMACE              | 117 | undesirable |     | desirable     | 0.43 | 0                   | 0               |
| Feet & Legs                      | GMACE              | 112 | undesirable |     | desirable     | 0.47 | 0                   | 0               |
| Udder                            | GMACE              | 127 | undesirable |     | desirable     | 0.61 | 0                   | 0               |
| Overall Conformation             | GPI                | 122 | undesirable |     | desirable     | 0.27 | 0                   | 0               |
| Stature                          | GMACE              | 114 | short       |     | tall          | 0.82 | 0                   | 0               |
| Body Depth                       | GMACE              | 99  | shallow     |     | deep          | 0.72 | 0                   | 0               |
| Chest Width                      | GMACE              | 103 | narrow      |     | wide          | 0.67 | 0                   | 0               |
| Rump Angle                       | GMACE              | 98  | high pins   |     | low pins      | 0.80 | 0                   | 0               |
| Rump Width                       | GMACE              | 108 | narrow      |     | wide          | 0.78 | 0                   | 0               |
| Rear Leg Set Side View           | GMACE              | 99  | straight    |     | sickled       | 0.75 | 0                   | 0               |
| Foot Angle                       | GMACE              | 115 | low         |     | steep         | 0.57 | 0                   | 0               |
| Rear Leg Set Rear View           | GMACE              | 112 | toe-out     |     | parallel feet | 0.62 | 0                   | 0               |
| Fore Udder                       | GMACE              | 122 | loos        |     | tight         | 0.71 | 0                   | 0               |
| Rear Udder Height                | GMACE              | 126 | short       |     | very high     | 0.67 | 0                   | 0               |
| Udder Support (Central Ligament) | GMACE              | 103 | broke       |     | strong        | 0.72 | 0                   | 0               |
| Udder Depth                      | GMACE              | 122 | short       |     | high          | 0.79 | 0                   | 0               |
| Udder Depth                      | GMACE              | 122 | very low    |     | shallow       | 0.79 | 0                   | 0               |
| Udder width                      | GPI                | 118 | narrow      |     | apart         | 0.20 | 0                   | 0               |
| Front Teat Placement             | GMACE              | 112 | apart       |     | narrow        | 0.79 | 0                   | 0               |
| Teat Length                      | GMACE              | 96  | short       |     | long          | 0.80 | 0                   | 0               |
| Rear Teat Placement              | GMACE              | 112 | outside     |     | inside        | 0.78 | 0                   | 0               |
| Dairy Character                  | GMACE              | 112 | coarse      |     | angular       | 0.55 | 0                   | 0               |
| Condition                        | GMACE              | 97  | poor        |     | tight         | 0.68 | -                   | -               |
| Locomotion                       | GMACE              | 113 | poor        |     | excellent     | 0.46 | -                   | -               |

WORKABILITY

| Trait         | Type of evaluation | EBV | 80 | 100 | 120 | Rel. | Number of daughters | Number of barns |
|---------------|--------------------|-----|----|-----|-----|------|---------------------|-----------------|
| Milking Speed | GMACE              | 95  |    |     |     | 0.51 | -                   | -               |
| Temperament   | GMACE              | 99  |    |     |     | 0.12 | -                   | -               |

CALVING

| Trait                 | Type of evaluation | EBV | 80 | 100 | 120 | Rel. | Number of daughters | Number of barns |
|-----------------------|--------------------|-----|----|-----|-----|------|---------------------|-----------------|
| Direct Calving Ease   | MACE               | 95  |    |     |     | 0.33 | -                   | -               |
| Maternal Calving Ease | GMACE              | 113 |    |     |     | 0.61 | -                   | -               |
| Direct Calf Mortality | MACE               | 106 |    |     |     | 0.44 | -                   | -               |

| Trait                   | Type of evaluation | EBV | 80 | 100 | 120 | Rel. | Number of daughters | Number of barns |
|-------------------------|--------------------|-----|----|-----|-----|------|---------------------|-----------------|
| Maternal Calf Mortality | GMACE              | 119 |    |     |     | 0.68 | -                   | -               |

ZDROWOTOŚĆ RACIC

| Trait              | Type of evaluation | EBV | 80 | 100 | 120 | Rel. | Number of daughters | Number of barns |
|--------------------|--------------------|-----|----|-----|-----|------|---------------------|-----------------|
| Digital dermatitis | -                  | -   |    |     |     | -    | -                   | -               |