

## Resultat genomische Zuchtwertschätzung

### Auftraggeber

S  
ele  
0

Zollikofen,

20.12.2011

Genossenschaft swissherdbook Zollikofen  
Soci t  coop rative swissherdbook Zollikofen

## PRINCE-ET

US000694048869

RH

Blumenfeld De PRINCE Red

geb. : 29.04.2010

### Daten

V: DESTRY-ET

Hol%: 100%

Probe Eingang

MV: TOYSTORY

Typisierung Eingang

20.12.2011

### Zuchtwerte Milchproduktion

| Ursprung    | Auswertung      | Basis         | Sicher-<br>heit | Milch kg<br>kg | Fett       |              | Eiweiss    |              | Persistenz Zellzahl |            |
|-------------|-----------------|---------------|-----------------|----------------|------------|--------------|------------|--------------|---------------------|------------|
|             |                 |               |                 |                | kg         | %            | kg         | %            | Index               | Index      |
| Abst.ZW     |                 | 2011RH        | 28%             | +1140          | +26        | -0.24        | +37        | -0.02        | 0                   | 0          |
| DGZW        | 20.12.11        | 2011RH        | 58%             | +1576          | +40        | -0.26        | +40        | -0.14        | 102                 | 104        |
| <b>GOZW</b> | <b>20.12.11</b> | <b>2011RH</b> | <b>59%</b>      | <b>+1466</b>   | <b>+36</b> | <b>-0.26</b> | <b>+39</b> | <b>-0.11</b> | <b>102</b>          | <b>104</b> |

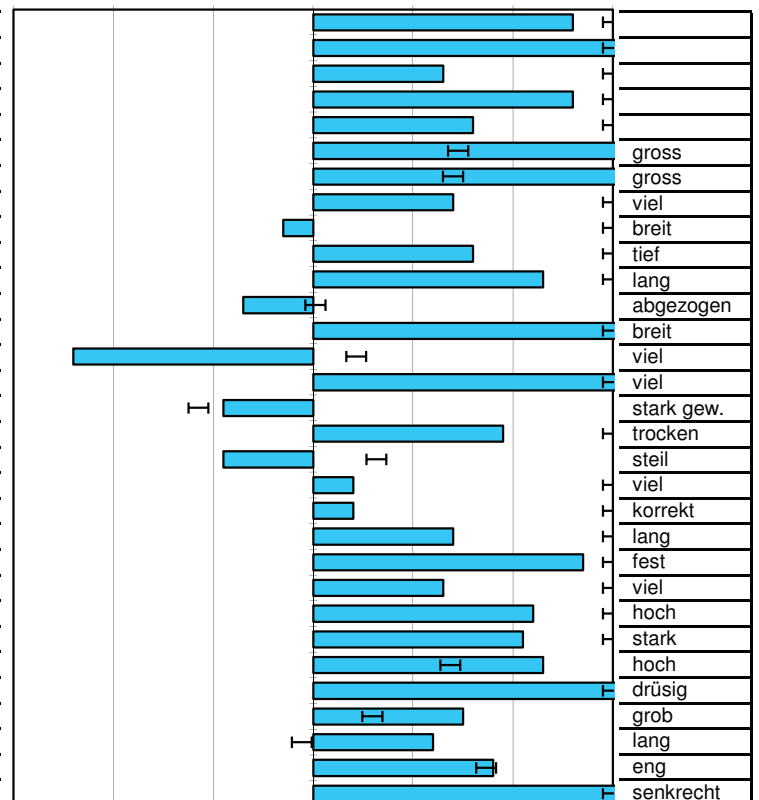
### Exterieur

DGZW

GOZW

Auswertung : 20.12.2011

|                         |     |            |           |
|-------------------------|-----|------------|-----------|
| <b>Gesamtnote</b>       | 126 | <b>126</b> |           |
| <b>Typ</b>              | 134 | <b>134</b> |           |
| <b>Fundament</b>        | 113 | <b>113</b> |           |
| <b>Euter</b>            | 126 | <b>126</b> |           |
| <b>Zitzen</b>           | 116 | <b>116</b> |           |
| Widerristh he           | 144 | <b>144</b> | klein     |
| Kreuzbeinh he           | 142 | <b>142</b> | klein     |
| Brustumfang             | 114 | <b>114</b> | wenig     |
| Brustbreite             | 97  | <b>97</b>  | schmal    |
| Flankentiefe            | 116 | <b>116</b> | wenig     |
| Beckenl nge             | 123 | <b>123</b> | kurz      |
| Beckenneigung           | 93  | <b>93</b>  | gestellt  |
| Beckenbreite            | 155 | <b>155</b> | schmal    |
| Bemuskelung / Substanz  | 76  | <b>76</b>  | wenig     |
| Ausdruck                | 144 | <b>144</b> | kein      |
| Sprunggelenkwinkelung   | 91  | <b>91</b>  | gerade    |
| Sprunggelenksauspr gung | 119 | <b>119</b> | voll      |
| Fesseln                 | 91  | <b>91</b>  | weich     |
| Trachtenh he            | 104 | <b>104</b> | wenig     |
| Stellung hinten         | 104 | <b>104</b> | kuhh ssig |
| Voreuter                | 114 | <b>114</b> | kurz      |
| Aufh ngung vorn         | 127 | <b>127</b> | lose      |
| Nacheuter               | 113 | <b>113</b> | wenig     |
| H he Aufh ngung hinten  | 122 | <b>122</b> | tief      |
| Zentralband             | 121 | <b>121</b> | kein      |
| Eutertiefe              | 123 | <b>123</b> | tief      |
| Dr sigkeit              | 149 | <b>149</b> | schwer    |
| Zitzenform              | 115 | <b>115</b> | fein      |
| Zitzenl nge vorn        | 112 | <b>112</b> | kurz      |
| Zitzenverteilung vorn   | 118 | <b>118</b> | weit      |
| Zitzenstellung          | 133 | <b>133</b> | schr g    |





**PRINCE**

**US 694048869 GT**

**HB**



Blumenfeld De PRINCE ET RED BLF CVF BYF

Né / Geb. : 29.04.2010

E. / Z. : -

HOL Pur sang / reinr.

P. / B. : Genex Inc., Ithaca

aAa : -

**Ascendance**

**Ahnentafel**

|  |  |  |
|--|--|--|
| <b>Scientific DESTROY ET RDC BLF CVF BYF</b><br>1381226256 GT 23.12.2006<br>INT 12.2011 230 271 3 21<br>S% 82 ISEL 1331 -0.08 0.13 | <b>Braedale GOLDWYN BLF CVF</b><br>107056084 03.01.2000 ISEL 1522<br><b>Scientific DEBUTANTE Rae ET RDC CVC</b><br>1324166038 26.07.2001 EX 92 | <b>Shoremar JAMES BLF CVF</b><br><b>Braedale Baler TWINE ET BLF</b><br><b>Regancrest Elton DURHAM ET BLF CVC</b><br><b>Scientific Jubilant RAE ET RDC</b><br><b>Mara-Thon BW MARSHALL ET BLF CVF</b><br><b>Jenny-Lou Patron TOYANE RDF BLF DPP</b><br><b>O-Bee MANfred Justice ET BLF CVF</b><br><b>Net-A-Way PARIS Cri ET RDC</b> |
| <b>PEACE ET RDC BLF DPP</b><br>640611352 18.03.2007<br>L 1 VG 86<br>L Ø 10418 3.70 3.40  | <b>TOYSTORY ET RDF BLF CVF BYF</b><br>603728875 07.05.2001 ISEL 1280<br><b>Co-Op Oman PANDORA ET RDC</b><br>620308340 30.01.2005 VG 86         |  |

**VE Production / Index**

**ZW Leistung / Index**

| Code VE<br>ZW Code | Date VE<br>ZW Datum | Filles<br>Töchter | Exploitations<br>Betriebe | S%<br>S% | kg<br>% | Lait<br>Milch | Mg<br>Fett  | Pr<br>Eiweiss | ISEL | IPQ | IML |
|--------------------|---------------------|-------------------|---------------------------|----------|---------|---------------|-------------|---------------|------|-----|-----|
| GA                 | 12.2011             | 0                 | 0                         | 75       |         | 750           | 15<br>-0.16 | 26<br>0.02    | 1332 | 116 | 124 |

**VE Critères fonctionnels**

**ZW Funktionelle Merkmale**

| VEE / ÖZW : -                                     | Caséine Kappa / Kappa-Kasein : - |
|---|----------------------------------|
| Cellules : 107 GA Zellzahl                        |                                  |
| Durée utilisation : 117 GA Nutzungsdauer          |                                  |
| Déroulement direct : 100 GA Geburtsablauf direkt  |                                  |
| Déroulement filles : 110 GA Geburtsablauf Töchter |                                  |
| NRR filles : 101 GA NRR Töchter                   |                                  |
| Intervalle vêlage-IA 1 : 111 GA Rastzeit          |                                  |
| Aptitude traite : 102 GA Melkbarkeit              |                                  |
| Persistance : 97 GA Persistenz                    |                                  |
| BCS : 98 GA BCS                                   |                                  |

**VE Morphologique**

**ZW Exterieur**

| Code VE / ZW : GA 12.2011             | Nombre de filles / Anzahl Töchter : 0 |
|---------------------------------------|---------------------------------------|
| Format + Capacité : 0.83              | Format + Kapazität                    |
| Croupe : 1.81                         | Becken                                |
| Membres : 1.58                        | Gliedmassen                           |
| Système mammaire : 1.81               | Euteranlage                           |
| Stature : 1.58                        | Grösse                                |
| Hauteur avant main : 0.59             | Rel. Höhe Vorhand                     |
| Largeur poitrine : 0.59               | Brustbreite                           |
| Profondeur : 0.95                     | Tiefe                                 |
| Rein : 1.37                           | Lende                                 |
| Angularité : 1.37                     | Milchcharakter                        |
| Inclinaison du bassin * : -0.10       | * Beckenneigung                       |
| Largeur ischions : 1.56               | Beckenbreite                          |
| Qualité ossature : 1.56               | Knochenqualität                       |
| Profil jarret * : -0.23               | * Hinterbeinwinkelung                 |
| Angle du pied : 0.02                  | Fusswinkel                            |
| Talon : 0.02                          | Trachten                              |
| Aplombs arrières : 1.03               | Hinterbeinstellung                    |
| Locomotion : 1.30                     | Bewegung                              |
| Attache avant-pis : 1.49              | Aufhängung vorn                       |
| Attache arrière hauteur : 1.63        | Aufhängung h. Höhe                    |
| Attache arrière largeur : 1.63        | Aufhängung h. Breite                  |
| Ligament : 1.76                       | Zentralband                           |
| Profondeur pis : 1.56                 | Eutertiefe                            |
| Texture : 0.45                        | Drüsigkeit                            |
| Longueur trayons avant * : 0.45       | * Zitzenlänge vorn                    |
| Implantation trayons avant * : 0.66   | * Zitzenverteilung vorn               |
| Implantation trayons arrière * : 0.95 | * Zitzenverteilung hinten             |

\* Note optimale : 0

\* Optimale Note : 0



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# BLUMENFELD DE PRINCE-RED-ET

Interbull ID: USAM000069404886  
NAAB: 001HO10460

Date of Birth: 4/29/2010  
Genetic Recessive: TV TL TY  
Inbreeding Coef: 4.3

**Production Traits: G**

| % Rel. | Milk Lbs. | % Fat | Fat Lbs. | % Prot. | Prot. Lbs. | NM\$ | FM\$ | CM\$ | Total Dtrs | Total Hrds | % US Dtrs | Gen. Base     |
|--------|-----------|-------|----------|---------|------------|------|------|------|------------|------------|-----------|---------------|
| 77     | 148       | 0.06  | 23       | 0.08    | 25         | 413  | 325  | 509  | 0          | 0          | 100       | USA-D,12/2011 |

**Management Traits: G**

| Trait           | Rating | Reliability |
|-----------------|--------|-------------|
| Calving Ease    | 8      | 65%         |
| M. Calving Ease | 6      | 59%         |
| Prod Life       | 3.8    | 65%         |
| S.cell Score    | 2.82   | 71%         |
| Dtr PG Rate     | 1.5    | 63%         |
| Sire StillBirth | 8.6    | 53%         |
| Dtr StillBirth  | 8.9    | 52%         |

**Linear Traits:**

| Trait               | Profile              | Score |
|---------------------|----------------------|-------|
| Udder Comp.         |                      | 2.33  |
| F & L Comp.         |                      | 3.00  |
| Body Comp.          |                      | 2.43  |
| Dairy Comp.         |                      | 2.30  |
| Stature             |                      | 3.21  |
| Strength            |                      | 1.37  |
| Body Depth          |                      | 1.69  |
| Dairy Form          |                      | 2.15  |
| Rump Angle          |                      | -0.98 |
| Thurl Width         |                      | 2.32  |
| R. Legs Side View   |                      | -0.42 |
| R. Legs Rear View   |                      | 3.33  |
| Foot Angle          |                      | 2.88  |
| Feet & Legs         |                      | 3.33  |
| F. Udder Att.       |                      | 2.94  |
| R. Udder Ht.        |                      | 2.70  |
| R. Udder Width      |                      | 2.41  |
| Udder Cleft         |                      | 1.83  |
| Udder Depth         |                      | 2.76  |
| F. Teat Place.      |                      | 1.06  |
| R. Teat Place.      |                      | 1.69  |
| Teat Length         |                      | 0.47  |
| <b>HA-, 12/2011</b> | <b>-2 -1 0 +1 +2</b> |       |

**Type Information, HA-, 12/2011 :**

| TPI         | 2059      | PTAT  | 3.05 |
|-------------|-----------|-------|------|
| Reliability | Daughters | Herds |      |
| 73%         | 0         | 0     |      |

**Pedigree:**

|             |   |
|-------------|---|
| <b>Sire</b> | <a href="#">SCIENTIFIC DESTROY-ET</a>       |
| <b>MGS</b>  | <a href="#">JENNY-LOU MRSHL TOYSTORY-ET</a> |
| <b>PGS</b>  | <a href="#">BRAEDALE GOLDWYN</a>            |
| <b>Dam</b>  | 64061135                                    |

**Codes:**

|            |         |
|------------|---------|
| <b>aAa</b> | 243     |
| <b>DMS</b> | 234,123 |



## Genetic Evaluation Summary

**HOUSAM69404886**      **BLUMENFELD DE PRINCE-RED-ET**      **DE PRINCE-RED**  
 0001HO10460      ET      Born 29-APR-10      5.05%INB      12%R

Sire: [HOUSAM138122625](#)      SCIENTIFIC DESTROY-ET      23-DEC-06      4.40%      14%  
 Dam: [HOUSAF64061135](#)      CO-OP TOYSTORY PEACE 2409-ET      18-MAR-07      6.39%      11%  
 MGS: [HOUSAM60372887](#)      JENNY-LOU MRS HL TOYSTORY-ET      07-MAY-01      4.68%      12%

| PRODUCTION  |             | GPA 11*DEC |     |       | LIFETIME PROFIT INDEX |      |    | Rel |
|-------------|-------------|------------|-----|-------|-----------------------|------|----|-----|
| Herds       |             | Kg         | %RK | %Dev  | GPA LPI               | 1947 | 66 |     |
| Daughters   | Milk        | 386        | 43% |       | PRODUCTION            | 729  |    |     |
| Lactations  | Fat         | 31         | 69% | +0.17 | DURABILITY            | 959  |    |     |
| Reliability | 70% Protein | 34         | 81% | +0.20 | HEALTH & FERTILITY    | 259  |    |     |

| CONFORMATION   |        | GPA 11*DEC |     | Herds: |    | Daughters: |   | Reliability: 65% |    |
|----------------|--------|------------|-----|--------|----|------------|---|------------------|----|
| SCORECARD      | Rating | %RK        | -15 | -10    | -5 | 0          | 5 | 10               | 15 |
| Conformation   | 11     | 97%        |     |        |    |            |   |                  |    |
| Mammary System | 8      | 91%        |     |        |    |            |   |                  |    |
| Feet & Legs    | 11     | 97%        |     |        |    |            |   |                  |    |
| Dairy Strength | 8      | 92%        |     |        |    |            |   |                  |    |
| Rump           | 3      | 68%        |     |        |    |            |   |                  |    |

| DESCRIPTIVE            |    |             | -15 | -10 | -5 | 0 | 5 | 10 | 15        |
|------------------------|----|-------------|-----|-----|----|---|---|----|-----------|
| Udder Depth            | 7S | Deep        |     |     |    |   |   |    | Shallow   |
| Udder Texture          | 9  | Fleshy      |     |     |    |   |   |    | Soft      |
| Median Suspensory      | 5  | Weak        |     |     |    |   |   |    | Strong    |
| Fore Attachment        | 6  | Weak        |     |     |    |   |   |    | Strong    |
| Front Teat Placement   | 3C | Wide        |     |     |    |   |   |    | Close     |
| Rear Attachment Height | 3  | Low         |     |     |    |   |   |    | High      |
| Rear Attachment Width  | 5  | Narrow      |     |     |    |   |   |    | Wide      |
| Rear Teat Placement    | 4C | Wide        |     |     |    |   |   |    | Close     |
| Teat Length            | 2S | Short       |     |     |    |   |   |    | Long      |
| Foot Angle             | 7  | Low         |     |     |    |   |   |    | Steep     |
| Heel Depth             | 7  | Shallow     |     |     |    |   |   |    | Deep      |
| Bone Quality           | 6  | Coarse      |     |     |    |   |   |    | Flat      |
| Rear Legs Side View    | 4S | Straight    |     |     |    |   |   |    | Curved    |
| Set of Rear Legs       | 7  | Undesirable |     |     |    |   |   |    | Desirable |
| Rear Legs Rear View    | 10 | Hocked-in   |     |     |    |   |   |    | Straight  |
| Stature                | 9  | Short       |     |     |    |   |   |    | Tall      |
| Height at Front End    | 3  | Low         |     |     |    |   |   |    | High      |
| Chest Width            | 4  | Narrow      |     |     |    |   |   |    | Wide      |
| Body Depth             | -1 | Shallow     |     |     |    |   |   |    | Deep      |
| Angularity             | 6  | Non-Angular |     |     |    |   |   |    | Angular   |
| Loin Strength          | 3  | Weak        |     |     |    |   |   |    | Strong    |
| Rump Angle             | 2H | High        |     |     |    |   |   |    | Low       |
| Pin Setting            | 1  | Undesirable |     |     |    |   |   |    | Desirable |
| Pin Width              | 6  | Narrow      |     |     |    |   |   |    | Wide      |

| FUNCTIONAL               |          |     | Difference from Breed Average (SD) |     |    |   |   |    | Breed Avg. |
|--------------------------|----------|-----|------------------------------------|-----|----|---|---|----|------------|
|                          | Rating   | Rel | -15                                | -10 | -5 | 0 | 5 | 10 | 15         |
| Herd Life                | 111 GPA  | 62% |                                    |     |    |   |   |    | Long       |
| Somatic Cell Score       | 2.76 GPA | 67% |                                    |     |    |   |   |    | Desirable  |
| Lactation Persistency    | 97 GPA   | 56% |                                    |     |    |   |   |    | High       |
| Daughter Fertility       | 106 GPA  | 56% |                                    |     |    |   |   |    | High       |
| Milking Speed            | 100 GPA  | 54% |                                    |     |    |   |   |    | Fast       |
| Milking Temperament      | 103 GPA  | 53% |                                    |     |    |   |   |    | Calm       |
| Calving Ability          | 103 GPA  | 68% |                                    |     |    |   |   |    | Easy       |
| Daughter Calving Ability | 103 GPA  | 55% |                                    |     |    |   |   |    | Easy       |