

EXEMPLES REQUETES – CAS RUCHE

apiculteurAcacia.sql

```
SELECT DISTINCT R.IDAPI
FROM RUCHE R, RUCHER RU
WHERE RU.TYPEMIEL='acacia'
AND R.IDRUCHER=RU.IDRUCHER;
```

masseTotaleDecembre.sql

```
SELECT R.IDAPI, SUM(S.MASSE) AS MASSETOTALE
FROM RUCHE R, RECOLTE S
WHERE R.IDRU=S.IDRU
AND S.DATEREC=TO_DATE('01/12/2018', 'DD/MM/YYYY')
GROUP BY R.IDAPI
UNION
SELECT A.IDAPI, 0 AS MASSETOTALE
FROM APICULTEUR A
WHERE A.IDAPI NOT IN(
    SELECT R.IDAPI
    FROM RECOLTE S, RUCHE R
    WHERE R.IDRU=S.IDRU
    AND S.DATEREC = TO_DATE ('01/12/2018','DD/MM/YYYY')
);
```

masseTotaleMarsMai.sql

```
SELECT R.TYPEMIEL, SUM(T.MASSE) AS MASSETOTALE
FROM RUCHER R, RUCHE S, RECOLTE T
WHERE T.DATEREC BETWEEN TO_DATE('01/03/2018','DD/MM/YYYY') AND
TO_DATE('31/05/2018','DD/MM/YYYY')
AND S.IDRU = T.IDRU
AND R.IDRUCHER = S.IDRUCHER
GROUP BY R.TYPEMIEL;
```

moyNbrRecoltes.sql

```
SELECT AVG(COUNT(*)) AS MoyNbrRecoltes
FROM RUCHE R, RECOLTE RE
WHERE R.IDRU=RE.IDRU
GROUP BY R.IDRUCHER;
```

nbrRuchesApiculteur.sql

```
SELECT A.IDAPI, A.NOMAPI, A.PRENOMAPI, count(*) as NbrRuches
FROM APICULTEUR A, RUCHE R
WHERE A.IDAPI=R.IDAPI
GROUP BY A.IDAPI, A.NOMAPI, A.PRENOMAPI;
```

partageRuchers.sql

```
SELECT DISTINCT A.IDAPI, A.NOMAPI, A.PRENOMAPI, R.IDRUCHER
FROM APICULTEUR A, RUCHE E, RUCHER R, APICULTEUR X, RUCHE Y, RUCHER Z
WHERE A.IDAPI=E.IDAPI
AND E.IDRUCHER=R.IDRUCHER
```

```

AND X.NOMAPI='MARTIN'
AND X.PRENOMAPI='JEAN'
AND X.IDAPI=Y.IDAPI
AND Z.IDRUCHER=Y.IDRUCHER
AND X.IDAPI!=A.IDAPI
AND R.IDRUCHER=Y.IDRUCHER;

```

plusDixKilos.sql

```

SELECT R.IDRU, SUM(R.MASSE) AS MASSETOTALE
FROM RECOLTE R
WHERE DATEREC BETWEEN TO_DATE('01/01/2018','DD/MM/YYYY') AND
TO_DATE('31/12/2018','DD/MM/YYYY')
GROUP BY R.IDRU
HAVING SUM(R.MASSE)>10;

```

tousLesRuchers.sql

```

SELECT DISTINCT A.IDAPI
FROM APICULTEUR A
WHERE NOT EXISTS (SELECT *
                   FROM RUCHER R
                   WHERE R.TYPEMIEL='SAPIN'
                   AND NOT EXISTS ( SELECT *
                                    FROM RUCHE E
                                    WHERE E.IDRUCHER=R.IDRUCHER
                                    AND E.IDAPI=A.IDAPI));

```

toutesDixCadres.sql

```

SELECT IDRUCHER
FROM RUCHE
GROUP BY IDRUCHER
HAVING MIN (NBCADRE) >= 10;

```

typeMielPlusRecolte.sql

```

SELECT R.TYPEMIEL, SUM(S.MASSE) AS MASSETOTALE
FROM RUCHER R, RECOLTE S, RUCHE T
WHERE R.IDRUCHER = T.IDRUCHER
AND T.IDRU = S.IDRU
GROUP BY R.TYPEMIEL
HAVING SUM(S.MASSE)>=ALL(SELECT SUM(S.MASSE)
                        FROM RECOLTE S, RUCHER R, RUCHE T
                        WHERE R.IDRUCHER = T.IDRUCHER
                        AND T.IDRU = S.IDRU
                        GROUP BY R.TYPEMIEL)
;

```

```

SELECT R.TYPEMIEL, SUM(RE.MASSE) AS MASSETOTALE
FROM RUCHER R, RUCHE RR, RECOLTE RE
WHERE RR.IDRU=RE.IDRU
AND R.IDRUCHER=RR.IDRUCHER

```

```
GROUP BY R.TYPEMIEL
HAVING SUM(RE.MASSE) = (SELECT MAX(SUM(RE2.MASSE))
                        FROM RUCHER R2, RECOLTE RE2, RUCHE RR2
                        WHERE R2.IDRUCHER=RR2.IDRUCHER
                        AND RR2.IDRU = RE2.IDRU
                        GROUP BY RE2.TYPEMIEL
                        );
```