

Planned Applications
Birchen Farms INC.
CROP YEAR 2011

| <u>Field</u> | <u>Planned Acres</u> | <u>Crop</u> | <u>Planned Manure Source</u> | <u>Actual Manure Source</u> | <u>Planned Manure (1000 Gal/Acre or Ton/Acre)</u> | | <u>Actual Manure (1000 Gal/Acre or Ton/Acre)</u> | <u>Planned Total Manure (Gal or Ton)</u> | | <u>Actual Total Manure (Gal or Ton)</u> |
|----------------------|-----------------------------|--------------------|-------------------------------------|------------------------------------|--|---------------|---|---|---------|--|
| Asche | 76.6 | Corn | Liquid | | 16.8 | 1000 Gal/Acre | | 1,288,489 | Gallons | |
| Church | 0.0 | Alfalfa | | | | | | | | |
| Dairy | 162.8 | Alfalfa | Liquid | | 10.6 | 1000 Gal/Acre | | 1,730,506 | Gallons | |
| Hasken | 0.0 | Alfalfa | | | | | | | | |
| Hershey | 61.5 | Oat/ Alfalfa | Solid | | 6.5 | | | 400 | Tons | |
| Huttenlocher | 0.0 | Alfalfa | | | | | | | | |
| Musser North | 61.0 | Corn | Liquid | | 16.8 | 1000 Gal/Acre | | 1,025,645 | Gallons | |
| Musser Middle | 0.0 | Alfalfa | | | | | | | | |
| Musser South | 60.2 | Silage | Liquid | | 13.8 | 1000 Gal/Acre | | 829,553 | Gallons | |
| Rod's Home East | 36.0 | Corn | Liquid | | 16.8 | 1000 Gal/Acre | | 605,398 | Gallons | |
| Rod's Home West | 16.0 | Silage | Liquid | | 13.8 | 1000 Gal/Acre | | 220,662 | Gallons | |
| Rod's North of Creek | 48.4 | Corn | Liquid | | 16.5 | 1000 Gal/Acre | | 796,175 | Gallons | |
| Shester | 0.0 | Oat/ Alfalfa | | | | | | | | |
| Schleuning | 0.0 | Alfalfa | | | | | | | | |
| South Ridge | 83.7 | Silage | Liquid | | 15.1 | 1000 Gal/Acre | | 1,266,353 | Gallons | |

Planned Applications
Birchen Farms INC.
CROP YEAR 2012

| <u>Field</u> | <u>Planned Acres</u> | <u>Crop</u> | <u>Planned Manure Source</u> | <u>Actual Manure Source</u> | <u>Planned Manure (1000 Gal/Acre or Ton/Acre)</u> | | <u>Actual Manure (1000 Gal/Acre or Ton/Acre)</u> | <u>Planned Total Manure (Gal or Ton)</u> | | <u>Actual Total Manure (Gal or Ton)</u> |
|----------------------|-----------------------------|--------------------|-------------------------------------|------------------------------------|--|---------------|---|---|---------|--|
| Asche | 0.0 | Oat/ Alfalfa | | | | | | | | |
| Church | 0.0 | Alfalfa | | | | | | | | |
| Dairy | 162.8 | Alfalfa | Liquid | | 10.6 | 1000 Gal/Acre | | 1,730,506 | Gallons | |
| Hasken | 0.0 | Alfalfa | | | | | | | | |
| Hershey | 0.0 | Alfalfa | | | | | | | | |
| Huttenlocher | 67.5 | Silage | Liquid | | 15.1 | 1000 Gal/Acre | | 1,020,857 | Gallons | |
| Musser North | 0.0 | Oat/ Alfalfa | | | | | | | | |
| Musser Middle | 0.0 | Alfalfa | | | | | | | | |
| Musser South | 60.2 | Silage | Liquid | | 13.2 | 1000 Gal/Acre | | 796,496 | Gallons | |
| Rod's Home East | 0.0 | Oat/ Alfalfa | | | | | | | | |
| Rod's Home West | 16.0 | Silage | Liquid | | 13.2 | 1000 Gal/Acre | | 211,869 | Gallons | |
| Rod's North of Creek | 0.0 | Oat/ Alfalfa | | | | | | | | |
| Shester | 0.0 | Alfalfa | | | | | | | | |
| Schleuning | 30.4 | Silage | Solid | | 13.1 | Ton/Acre | | 400 | Tons | |
| South Ridge | 83.7 | Corn | Liquid | | 16.8 | 1000 Gal/Acre | | 1,407,887 | Gallons | |

Planned Applications
Birchen Farms INC.
CROP YEAR 2014

| Field | Planned Acres | Crop | Planned Manure Source | Actual Manure Source | Planned Manure (1000 Gal/Acre or Ton/Acre) | Actual Manure (1000 Gal/Acre or Ton/Acre) | Planned Total Manure (Gal or Ton) | Actual Total Manure (Gal or Ton) |
|----------------------|---------------|--------------|-----------------------|----------------------|--|---|-----------------------------------|----------------------------------|
| Asche | 0.0 | Alfalfa | | | | | | |
| Church | 42.4 | Corn | Liquid | | 16.8 | 1000 Gal/Acre | 713,942 | Gallons |
| Dairy | 162.8 | Alfalfa | Liquid | | 10.6 | 1000 Gal/Acre | 1,730,506 | Gallons |
| Hasken | 11.1 | Alfalfa | Liquid | | 10.6 | 1000 Gal/Acre | 117,706 | Gallons |
| Hershey | 66.9 | Alfalfa | Liquid | | 10.6 | 1000 Gal/Acre | 711,023 | Gallons |
| Huttenlocher | 67.5 | Silage | Liquid | | 13.2 | 1000 Gal/Acre | 893,692 | Gallons |
| Musser North | 0.0 | Alfalfa | | | | | | |
| Musser Middle | 75.2 | Silage | Liquid | | 13.8 | 1000 Gal/Acre | 1,036,424 | Gallons |
| Musser South | 0.0 | Alfalfa | | | | | | |
| Rod's Home East | 36.0 | Alfalfa | Liquid | | 10.6 | 1000 Gal/Acre | 382,680 | Gallons |
| Rod's Home West | 16.0 | Silage | Liquid | | 12.9 | 1000 Gal/Acre | 206,758 | Gallons |
| Rod's North of Creek | 48.4 | Alfalfa | Liquid | | 10.6 | 1000 Gal/Acre | 514,527 | Gallons |
| Shester | 0.0 | Alfalfa | | | | | | |
| Schleuning | 30.4 | Oat/ Alfalfa | Solid | | 6.9 | Ton/Acre | 210 | Tons |
| South Ridge | 0.0 | Alfalfa | | | | | | |