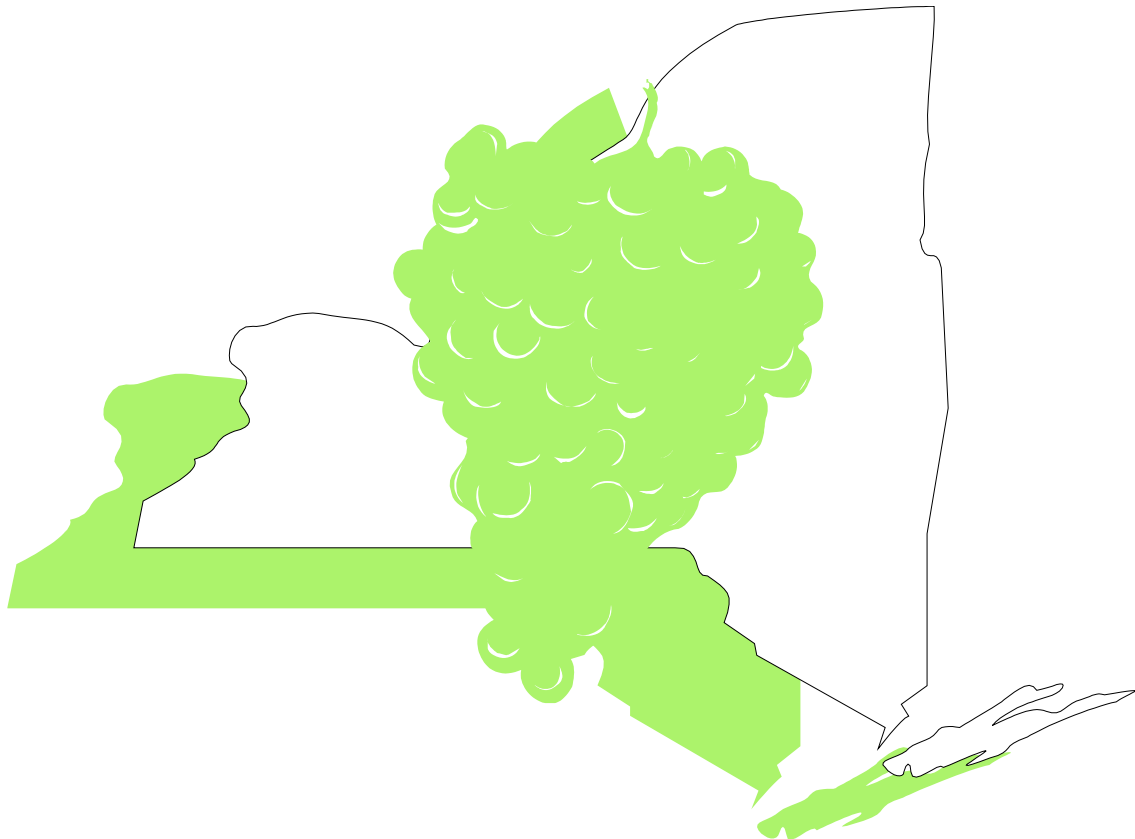


# **COST OF ESTABLISHMENT AND PRODUCTION OF V. VINIFERA GRAPES IN THE FINGER LAKES REGION OF NEW YORK-2013**



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Table A4: Hourly Machinery and Equipment Variable Costs, *V. Vinifera* Grapes,  
Finger Lakes Region, NY, 2013

| Item                           | Purchase Price | Hours of life | Total Repairs | Repairs | Fuel    | Lube (15% of fuel) | Total Hourly Variable Costs |
|--------------------------------|----------------|---------------|---------------|---------|---------|--------------------|-----------------------------|
| Tractor, 62-HP, 2WD, spray cab | \$ 48,000      | 7000          | 100%          | \$6.86  | \$10.25 | \$1.54             | \$18.64                     |
| Tractor, 45-HP                 | \$ 28,000      | 7000          | 100%          | \$4.00  | \$10.25 | \$1.54             | \$15.79                     |
| Air-blast sprayer- 400 gallon  | \$ 31,000      | 2000          | 60%           | \$9.30  |         |                    | \$9.30                      |
| Herbicide sprayer- 50 gallon   | \$ 2,200       | 2000          | 60%           | \$0.66  |         |                    | \$0.66                      |
| Enviromist sprayer             | \$ 6,700       | 2000          | 60%           | \$2.01  |         |                    | \$2.01                      |
| Mower (6ft)                    | \$ 7,800       | 2500          | 80%           | \$2.50  |         |                    | \$2.50                      |
| Brush Chopper                  | \$ 8,500       | 2500          | 80%           | \$2.72  |         |                    | \$2.72                      |
| Fertilizer Spreader            | \$ 2,000       | 1200          | 80%           | \$1.33  |         |                    | \$1.33                      |
| Small disc (used)              | \$ 600         | 2000          | 60%           | \$0.18  |         |                    | \$0.18                      |
| Grape hoe                      | \$ 7,500       | 2000          | 60%           | \$2.25  |         |                    | \$2.25                      |
| Post driver                    | \$ 4,000       | 2000          | 80%           | \$1.60  |         |                    | \$1.60                      |
| Trailer                        | \$ 3,000       | 3000          | 80%           | \$0.80  |         |                    | \$0.80                      |
| Pickup truck (used)            | \$ 28,000      | 2500          | 83%           | \$9.30  | \$7.66  | \$1.15             | \$18.11                     |
| Auger                          | \$ 1,000       | 2000          | 80%           | \$0.40  |         |                    | \$0.40                      |
| Mechanical hedger (used)       | \$ 5,000       | 2000          | 80%           | \$2.00  |         |                    | \$2.00                      |
| Mechanical leaf remover        | \$ 16,000      | 2000          | 80%           | \$6.40  |         |                    | \$6.40                      |
| Replanter                      | \$ 4,800       | 1200          | 80%           | \$3.20  |         |                    | \$3.20                      |
| <hr/>                          |                |               |               |         |         |                    |                             |
| <b>Tractor Fuel Factors</b>    | <b>Factor</b>  |               |               |         |         |                    |                             |
| Diesel                         | 0.0438         |               |               |         |         |                    |                             |
| Gasoline                       | 0.0600         |               |               |         |         |                    |                             |



**OTHER A.E.M. EXTENSION BULLETINS**

| <b>EB No</b> | <b>Title</b>   | <b>Fee<br/>(if applicable)</b> | <b>Author(s)</b>  |
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