

# Timber Bid Invitation

## Location & Directions

You are invited to bid on the sale of oak timber on the Munzinger property near Macks Creek, Missouri. The property is in Sections 10, 14, and 15, Township 37 North, Range 19 West in Camden County, Missouri.

The property is located southwest of Macks Creek, MO. From Macks Creek, take US-54 southwest for 2.3 miles, then turn right onto Carnahan Rd. Drive for 0.3 mile until the property is seen on the left. There is a double wooden gate to access the property. The GPS coordinates for the property are 37.94431, -92.99480. See included maps for more detailed location information.

For additional information or to set up an appointment to view the timber, contact **Eric Yarnell** of Yarnell Forestry Consulting at **(417) 241-2827**.

## Description of Property & Access

There are approximately 403 total acres of property in this tract, and timber is marked on about 48 acres of the property. The terrain is moderately sloping, so water bars will need to be installed in some locations. There are fences at the property boundaries.

## Description of Marked Timber

There are 624 trees marked with orange rings painted at eye level and orange dots near the ground. These trees have an estimated total volume of **66,618 board feet** using the **International** Log Rule for all except white oak stave (Doyle). There are also some trees painted with orange Xs that may be harvested but are assumed to have no merchantable volume. Table 1 summarizes the marked timber by species. Table 2 breaks down the marked timber volume by species/grade and DBH. The average DBH of these trees is 19.4 inches. The average volume per tree is 106.8 bd. ft. International. White oak timber was average for the area, but much of the black oak timber is either over-mature or has past fire damage.

**Table 1. Munzinger Timber Sale Summary by Species**

Species	# Trees	Avg. DBH (in.)	Avg. Merch Ht. (ft.)	Avg. Bd. Ft. (Intl*)/Tree	Bd. Ft. Intl.	Bd. Ft. Doyle
white oak	414	16.7	13.6	84.0	36231	26419
black oak	204	18.6	10.7	108.5	22433	17836
n. red oak	55	20.0	12.8	141.4	7825	6340
post oak	11	15.5	11.6	81.5	919	646
hickory	6	15.7	17.3	108.2	655	443
black cherry	3	16.4	18.7	122.9	373	259
<b>Total</b>	<b>624</b>	<b>19.4</b>	<b>14.1</b>	<b>106.8</b>	<b>68436</b>	<b>51943</b>

**Table 2. Munzinger Timber Sale Volume (Bd. Ft. International\*) by Species and DBH**

Species/Grade	Diameter at Breast Height (in.)												Total
	13	14	15	16	17	18	19	20	21	22	23	24+	
white oak saw	355	3476	5201	4223	4067	3064	2313	1460	1723	854	1086	1337	<b>29160</b>
red oak group	67	890	1664	2968	3513	2587	3982	3524	2882	2437	1110	4290	<b>29914</b>
white oak stave	0	293	967	1609	1016	597	170	0	440	124	414	0	<b>5629</b>
post oak	0	146	206	238	121	186	0	0	0	0	0	0	<b>897</b>
hickory	0	79	149	286	0	136	0	0	0	0	0	0	<b>649</b>
black cherry	0	0	216	0	0	0	153	0	0	0	0	0	<b>369</b>
<b>Total</b>	<b>421</b>	<b>4884</b>	<b>8403</b>	<b>9323</b>	<b>8716</b>	<b>6571</b>	<b>6619</b>	<b>4984</b>	<b>5045</b>	<b>3415</b>	<b>2611</b>	<b>5627</b>	<b>66618</b>

\*White oak group stave volumes per tree are calculated with the Doyle Tree Scale. The rest are calculated with the International ¼ Inch Tree Scale.

### **Landowner Expectations**

1. Bids are to be made on a single lump sum basis.
2. Only trees marked with orange paint may be cut.
  - 2.1. Trees marked with an orange X may be cut but are not included in tree counts or volume figures.
3. All logging activity on the property must be completed by April 30, 2025.
  - 3.1. A written extension may be granted by the seller upon request of the purchaser, if deemed necessary by the seller.
4. No logging activity will be permitted when the landowner determines conditions are too wet or if excessive damage is being done to the property due to wet conditions.

### **Bid Instructions**

Please complete the form below and return it by either of the methods below:

**Mail:** Yarnell Forestry Consulting

**Email:** [eric@yarnellforestry.com](mailto:eric@yarnellforestry.com)

PO Box 545

Marshfield, MO 65706

- Bid must be returned by **4:00 P.M. on March 22, 2024.**

Telephone: \_\_\_\_\_

Address: \_\_\_\_\_

Bid Amount: \_\_\_\_\_

\_\_\_\_\_

Signature: \_\_\_\_\_

\_\_\_\_\_

Bidder names and amounts will be shared with all bidders.



# Munzinger Property Timber Sale Map



- Timber Sale Area
- Munzinger Property
- Munzinger Trails





