

Buckwheat is a rapidly maturing annual (70-90 days) that attracts pollinators with its white blossoms and releases mineral nutrients through quick decay. Buckwheat is easier to kill than many other cover crop alternatives and is reported to scavenge phosphorus from soils better than other cover crops. Often, it requires no fertilization to do well, and is fairly drought tolerant.

### Recommended Varieties

| Variety | Reasons Why                | Source |
|---------|----------------------------|--------|
| Mancan  | Large seeded newer variety |        |
| Manor   | Large seeded newer variety |        |

### Planting Information

| Information                       | Comments | Source |
|-----------------------------------|----------|--------|
| Drilled Seed Depth (Inches)       | 0.5-1"   |        |
| Drilled Seeding Rate (lbs/acre)   | 30-40    |        |
| Broadcast Seeding Rate (lbs/acre) | 50       |        |
| Aerial Seeding Rate (lbs/acre)    | N/A      |        |

### Termination Information

| Information  | Source                  |
|--|-------------------------|
| <p>Winterkill, mowing, grazing, herbicide* (Glyphosate)</p> <p>Buckwheat is frost sensitive, but will not winterkill before setting viable seeds.</p> <p>*Always follow herbicide labels for crop to be terminated and for compatibility with subsequent crop(s). Consult your local Extension and state Pest Management Handbook for herbicide recommendations.</p> | Personal communications |

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### Cultural Traits

| Traits                              | Comments          | Source |
|-------------------------------------|-------------------|--------|
| Typical Dry Matter Range (lbs/acre) | 2,000-3,000       |        |
| Typical Total N Range (lbs/acre)    | 25-40             |        |
| Life Cycle                          | Warm season forb  |        |
| Growth Habit                        | Upright 1-2' tall |        |
| Preferred Soil pH                   | 5.7-7.0           |        |
| Relative Costs                      | \$                |        |
| Min. Germination Temp               | 75°F              |        |
| Cautions                            |                   |        |

#### Sources:

Personal Communications with Blackland Farmers and Seed Suppliers.