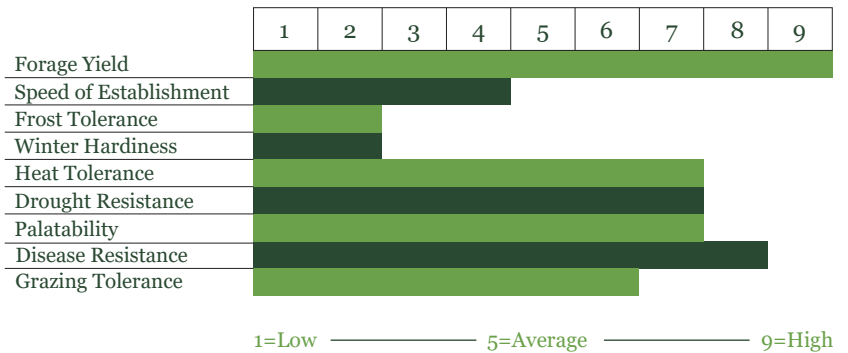# Blackhawk

**COMMON NAME:** Arrowleaf Clover

**SPECIES:** *Trifolium vesiculosum*

Blackhawk arrowleaf clover was developed by Dr. G. R. Smith with Texas A&M Agrilife Research in Overton, Texas. Advanced dark seeded selections from Yucchi, Amclo, and Meechee were subjected to six cycles of selection for tolerance to *Phythium ultimum* and bean yellow mosaic virus (BYMV). Dark seed coats have been associated with resistance to *Pythium* and other soil-borne pathogen. Blackhawk seed is 95% black with a light variation in color degree and is highly resistant to *Pythium ultimum*. Blackhawk is also resistant to BYMV - induced lethal wilt, and shows resistance to other components of BYMV. Blackhawk is slightly earlier in maturity, but maintains its high forage production through multiple grazing's.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| Forage Yield | | | | | | | | | |
| Speed of Establishment | | | | | | | | | |
| Frost Tolerance | | | | | | | | | |
| Winter Hardiness | | | | | | | | | |
| Heat Tolerance | | | | | | | | | |
| Drought Resistance | | | | | | | | | |
| Palatability | | | | | | | | | |
| Disease Resistance | | | | | | | | | |
| Grazing Tolerance | | | | | | | | | |

1=Low ——————— 5=Average ——————— 9=High

## EARLY TO MEDIUM MATURITY

| USAGE | LIVESTOCK |
|---|---|
| Pasture | Beef Cattle |
| Hay | Sheep |
| Food plots | Dairy Cattle |
| | Wildlife |

## SEEDING RATES

| | |
|---|---|
| Mixtures: | 4-8 lb per acre |
| Food plots: | 4-5 lb per acre |
| Overseed: | 2-5 lb per acre |

# Blackhawk

Forage

## FERTILIZER MANAGEMENT

- Taking a soil test is highly recommended. Consult with your local extension service or fertilizer dealer for specific recommendations.

- Correct acidity: 5.8 - 7 is ideal.

- Inoculate seed with Rhizobium bacteria to encourage nitrogen fixation.

- Clovers like phosphorous, potash, and boron.

## CLIMATE ZONES — MONTHS OF SOWING

| CLIMATE ZONES | J | F | M | A | M | J | J | A | S | O | N | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2A | ● | ● | ● | | | | ● | ● | ● | ● | ● | ● |
| 2B | | | | | | | | | ● | ● | ● | ● |
| 3A | | | | | | | | ● | ● | ● | | |
| 3B | | | | | | | | ● | ● | ● | | |
| 3C | | | | | | | | ● | ● | ● | | |

## SOIL TYPE

Adapted to a wide range of soils from clay loam to sandy loam. Soil should have adequate surface drainage.

## GRAZING MANAGEMENT

- Graze when new pasture is 6 inches tall.

- Rotational grazing at a 14-21 day interval is recommended.

- Do not graze shorter than 3 inches.

- Avoid grazing when frozen.

## CUTTING MANAGEMENT

- Timing is based on the clover maturity.

- Never cut below 3 inches.

- Best quality will be when clover is vegetative.